

## Disclaimer

The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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## Overview for Request cder\_mpl1p\_wp016

**Request ID:** cder\_mpl1p\_wp016\_nsdv\_v01

**Query Description:** In this report we estimated the number of new users of methotrexate and the number of dispensings that had potential errors in dosing frequency in the Sentinel Distributed Database (SDD).

**Sentinel Routine Querying Module:** Cohort Identification and Descriptive Analysis (CIDA) module, version 5.0.4, with ad hoc programming. The additional programming created a binary variable (of values 0 or 1) for each dispensing and for each of the events defined by the case definitions (see *Exposure of Interest* below). The binary variables were used to capture potential dosing frequency errors which may be defined by several possible events. The programming also computed the weekly dosage.

**Data Source:** We included data from January 1, 2010 to May 30, 2015 from 17 Data Partners contributing to the SDD in this request. This request was distributed on September 19, 2018. See Appendix A for a list of dates of available data for each Data Partner.

**Study Design:** We designed this request to calculate doses of methotrexate and to identify dispensings with potential frequency errors.

**Exposure of Interest:** The exposure of interest was methotrexate, which we defined using National Drug Codes (NDCs). As an exposure, we included 2.5mg tablet formulations of methotrexate only but defined incidence using all formulations and dosages of methotrexate. To assess incidence, we excluded patients if they had a methotrexate dispensing in the 365 days before their methotrexate dispensing of interest. Methotrexate dispensing dates were not adjusted if multiple dispensings had overlapping days supply. All dispensings were included from the first valid dispensing until the end of patients' enrollment spans or the end of the query period. Please see Appendix B for generic and brand drug names used to define exposures.

Dispensings were flagged as having potential frequency errors if any of the following events were observed:

Case definition #1: A weekly dose > 30mg per week

- For dispensings with amount supplied  $\geq 7$  days, weekly dose = (days supplied/amount supplied) \* tablet strength \* 7
- For dispensings with amount supplied < 7 days, weekly dose = days supplied \* tablet strength

Case definition #2: A weekly dose > 30mg per week

- For dispensings followed by another methotrexate dispensing, we calculated the number of days in between dispensings:
  - If  $\geq 1$  and  $\leq 105$  days, weekly dose = (amount supplied/# of days between dispensings) \* tablet strength \* 7
  - If > 105 days, weekly dose = (amount supplied/days supplied) \* tablet strength \* 7
- For dispensings that are not followed by another methotrexate dispensing and multiple dispensings on the same day:
  - For dispensings with days supplied  $\geq 7$  days, weekly dose = (amount supplied/days supplied) \* tablet strength \* 7
  - For dispensings with days supplied < 7 days, weekly dose = amount supplied \* tablet strength

Case definition #3: An injection of leucovorin in the 120 days following the date of each methotrexate dispensing. Leucovorin was defined using NDCs and Healthcare Common Procedure Coding System (HCPCS) codes. See Appendix C for generic and brand drug names and Appendix D for HCPCS codes used to define leucovorin.

**Cohort Eligibility Criteria:** We required members to be continuously enrolled in health plans with medical and drug coverage for at least 365 days prior to the date of their first valid (index) methotrexate dispensing, during which gaps in coverage of up to 45 days were allowed. We also required a diagnosis of psoriatic arthritis or rheumatoid arthritis in the 365 days prior to or on the date of their first dispensing to be included. See Appendix E for a list of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes used to define psoriatic arthritis and rheumatoid arthritis. Members were excluded if they had evidence of cancer in the 365 days prior to or on the date their first dispensing. See Appendix F for a list of ICD-9-CM diagnosis and procedure, Current Procedural Terminology Fourth Edition (CPT-4), and HCPCS codes used to define cancer.

We excluded members if they had evidence of cancer in the 365 days prior to or on the date of their first valid methotrexate dispensing or anytime in their available enrollment history after that.

The following age groups were included in both cohorts: 18-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84, 85-89, 90-94, and 95+ years.

**Baseline Characteristics:** We assessed the following covariates during the baseline period, which was 365 days prior to or on the date of the first exposure of interest: age, sex, year, chronic kidney failure, psoriasis, psoriatic arthritis, rheumatoid arthritis, comorbidity score, and health service utilization. Chronic kidney failure, psoriasis, psoriatic arthritis, and rheumatoid arthritis were defined using ICD-9-CM codes. Please refer to Appendix G for specific codes used to define baseline characteristics.

**Limitations:** Algorithms used to define exposures and inclusion criteria are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind.

Please see Appendix H for the specifications of parameters used in the analyses for this request.

**Notes:** Please be advised that the addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

Please contact the Sentinel Operations Center ([info@sentinelssystem.org](mailto:info@sentinelssystem.org)) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

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**Glossary of Terms for Analyses Using  
Cohort Identification and Descriptive Analysis (CIDA) Module\***

**Amount Supplied** - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

**Blackout Period** - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

**Care Setting** - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

**Ambulatory Visit (AV)** - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

**Emergency Department (ED)** - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

**Inpatient Hospital Stay (IP)** - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

**Non-Acute Institutional Stay (IS)** - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

**Other Ambulatory Visit (OA)** - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

**Charlson/Elixhauser Combined Comorbidity Score** - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

**Cohort Definition (drug/exposure)** - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

**Computed Start Marketing Date** - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

**Days Supplied** - number of days supplied for all dispensings in qualifying treatment episodes.

**Eligible Members** - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

**Enrollment Gap** - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

**Episodes** - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

**Episode Gap** - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

**Event Deduplication** - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

**Exposure Episode Length** - number of days after exposure initiation that is considered "exposed time."

**Exposure Extension Period** - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

**Lookback Period** - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

**Maximum Episode Duration** - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

**Member-Years** - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

**Minimum Days Supplied** - specifies a minimum number of days in length of the days supplied for the episode to be considered.

**Minimum Episode Duration** - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

**Monitoring Period** - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

**Principal Diagnosis (PDX)** - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

**Query Period** - period in which the modular program looks for exposures and outcomes of interest.

**Switch Evaluation Step Value** - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

**Switch Gap Inclusion Indicator** - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

**Switch Pattern Cohort Inclusion Date** - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

**Switch Pattern Cohort Inclusion Strategy** - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

**Treatment Episode Truncation Indicator** - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

**Washout Period (drug/exposure)** - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

**Washout Period (event/outcome)** - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

**Years at Risk** - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

\*all terms may not be used in this report

**Table 1a. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients	76,450	
Number of dispensings	642,968	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.7	13.1
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	1,192	1.6%
25-29	1,447	1.9%
30-34	2,568	3.4%
35-39	3,661	4.8%
40-44	4,930	6.4%
45-49	6,553	8.6%
50-54	8,149	10.7%
55-59	8,708	11.4%
60-64	7,532	9.9%
65-69	10,249	13.4%
70-74	8,905	11.6%
75-79	6,277	8.2%
80-84	3,775	4.9%
85-89	1,983	2.6%
90-94	434	0.6%
95+	60	0.1%
Sex		
Female	56,427	73.8%
Male	20,022	26.2%
Unknown	1	0.0%
Year		
2010	6,445	8.4%
2011	12,931	16.9%
2012	13,946	18.2%
2013	15,553	20.3%
2014	18,496	24.2%
2015	9,079	11.9%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.9	1.8
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	6,405	8.4%
Psoriasis	12,951	16.9%
Psoriatic arthritis	11,844	15.5%
Rheumatoid arthritis	67,043	87.7%



**Table 1a. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18.6	14
Mean number of emergency room encounters (ED)	0.6	1.5
Mean number of inpatient hospital encounters (IP)	0.2	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.5
Mean number of other ambulatory encounters (OA)	5.2	8.5
Mean number of filled prescriptions	41.2	34.2
Mean number of generics	12	6.4
Mean number of unique drug classes	10.7	5.4

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 1b. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients with at least one potential frequency error	3,781	
Number of dispensings among patients with at least one potential frequency error	56,641	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.4	13.4
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	55	1.5%
25-29	79	2.1%
30-34	143	3.8%
35-39	194	5.1%
40-44	233	6.2%
45-49	340	9.0%
50-54	378	10.0%
55-59	449	11.9%
60-64	370	9.8%
65-69	490	13.0%
70-74	432	11.4%
75-79	302	8.0%
80-84	195	5.2%
85-89	105	2.8%
90-94	14	0.4%
95+	2	0.1%
Sex		
Female	2,726	72.1%
Male	1,055	27.9%
Unknown	0	0.0%
Year		
2010	433	11.5%
2011	952	25.2%
2012	950	25.1%
2013	730	19.3%
2014	575	15.2%
2015	141	3.7%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.8	1.8
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	271	7.2%
Psoriasis	611	16.2%
Psoriatic arthritis	565	14.9%
Rheumatoid arthritis	3,317	87.7%

**Table 1b. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18.1	14.1
Mean number of emergency room encounters (ED)	0.6	1.5
Mean number of inpatient hospital encounters (IP)	0.3	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.6
Mean number of other ambulatory encounters (OA)	5.5	9
Mean number of filled prescriptions	40.2	32.9
Mean number of generics	11.7	6.3
Mean number of unique drug classes	10.4	5.3

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 1c. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients with at least one potential frequency error	6,834	
Number of dispensings among patients with at least one potential frequency error	102,848	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.2	12.7
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	120	1.8%
25-29	120	1.8%
30-34	226	3.3%
35-39	315	4.6%
40-44	404	5.9%
45-49	638	9.3%
50-54	808	11.8%
55-59	782	11.4%
60-64	731	10.7%
65-69	916	13.4%
70-74	812	11.9%
75-79	494	7.2%
80-84	295	4.3%
85-89	152	2.2%
90-94	17	0.2%
95+	3	0.0%
Sex		
Female	4,865	71.2%
Male	1,969	28.8%
Unknown	0	0.0%
Year		
2010	865	12.7%
2011	1,544	22.6%
2012	1,502	22.0%
2013	1,435	21.0%
2014	1,229	18.0%
2015	259	3.8%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.7	1.7
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	447	6.5%
Psoriasis	1,139	16.7%
Psoriatic arthritis	1,036	15.2%
Rheumatoid arthritis	5,973	87.4%

**Table 1c. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18	13.8
Mean number of emergency room encounters (ED)	0.5	1.2
Mean number of inpatient hospital encounters (IP)	0.2	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.6
Mean number of other ambulatory encounters (OA)	6	9.5
Mean number of filled prescriptions	38	32.7
Mean number of generics	11.5	6.2
Mean number of unique drug classes	10.3	5.2

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 1d. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

Characteristic <sup>1</sup>	Number	
Number of unique patients with at least one potential frequency error	4	
Number of dispensings among patients with at least one potential frequency error	28	
Patient Characteristics <sup>2</sup>	Mean	Standard Deviation
Mean age (years)	73.1	9.5
	Number	Percent
Age (years)		
18-24	0	0.0%
25-29	0	0.0%
30-34	0	0.0%
35-39	0	0.0%
40-44	0	0.0%
45-49	1	25.0%
50-54	0	0.0%
55-59	0	0.0%
60-64	0	0.0%
65-69	0	0.0%
70-74	1	25.0%
75-79	0	0.0%
80-84	1	25.0%
85-89	0	0.0%
90-94	1	25.0%
95+	0	0.0%
Sex		
Female	3	75.0%
Male	1	25.0%
Unknown	0	0.0%
Year		
2010	0	0.0%
2011	1	25.0%
2012	1	25.0%
2013	1	25.0%
2014	0	0.0%
2015	1	25.0%
Recorded history of:	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	2	2.4
	Number	Percent
Chronic kidney failure	2	50.0%
Psoriasis	1	25.0%
Psoriatic arthritis	1	25.0%
Rheumatoid arthritis	4	100.0%

**Table 1d. Baseline Characteristics Prior to the First Methotrexate Dispensing among all Methotrexate Users with at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	33.5	1.6
Mean number of emergency room encounters (ED)	1	0
Mean number of inpatient hospital encounters (IP)	0.3	0
Mean number of non-acute institutional encounters (IS)	0	0
Mean number of other ambulatory encounters (OA)	12.5	2
Mean number of filled prescriptions	54.5	3.3
Mean number of generics	15	0
Mean number of unique drug classes	13.5	0.4

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 2a. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients	14,311	
Number of dispensings	14,311	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.1	13.5
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	249	1.7%
25-29	281	2.0%
30-34	539	3.8%
35-39	730	5.1%
40-44	958	6.7%
45-49	1,232	8.6%
50-54	1,603	11.2%
55-59	1,657	11.6%
60-64	1,450	10.1%
65-69	1,813	12.7%
70-74	1,518	10.6%
75-79	1,102	7.7%
80-84	687	4.8%
85-89	373	2.6%
90-94	95	0.7%
95+	16	0.1%
Sex		
Female	10,594	74.0%
Male	3,717	26.0%
Unknown	0	0.0%
Year		
2010	993	6.9%
2011	1,872	13.1%
2012	2,065	14.4%
2013	2,423	16.9%
2014	3,098	21.6%
2015	3,860	27.0%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.9	1.9
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	1,319	9.2%
Psoriasis	2,526	17.7%
Psoriatic arthritis	2,321	16.2%
Rheumatoid arthritis	12,455	87.0%



**Table 2a. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	19.2	14.8
Mean number of emergency room encounters (ED)	0.7	2
Mean number of inpatient hospital encounters (IP)	0.3	0.8
Mean number of non-acute institutional encounters (IS)	0.1	0.6
Mean number of other ambulatory encounters (OA)	5.3	8.6
Mean number of filled prescriptions	40.6	33.5
Mean number of generics	12.4	6.6
Mean number of unique drug classes	11	5.5

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 2b. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

Characteristic <sup>1</sup>	Number	
Number of unique patients with at least one potential frequency error	219	
Number of dispensings among patients with at least one potential frequency error	219	
Patient Characteristics <sup>2</sup>	Mean	Standard Deviation
Mean age (years)	59.7	14.3
	Number	Percent
Age (years)		
18-24	3	1.4%
25-29	7	3.2%
30-34	7	3.2%
35-39	12	5.5%
40-44	13	5.9%
45-49	16	7.3%
50-54	27	12.3%
55-59	25	11.4%
60-64	18	8.2%
65-69	28	12.8%
70-74	21	9.6%
75-79	18	8.2%
80-84	19	8.7%
85-89	4	1.8%
90-94	0	0.0%
95+	1	0.5%
Sex		
Female	157	71.7%
Male	62	28.3%
Unknown	0	0.0%
Year		
2010	21	9.6%
2011	31	14.2%
2012	41	18.7%
2013	35	16.0%
2014	53	24.2%
2015	38	17.4%
Recorded history of:	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	1	1.7
	Number	Percent
Chronic kidney failure	18	8.2%
Psoriasis	39	17.8%
Psoriatic arthritis	37	16.9%
Rheumatoid arthritis	188	85.8%

**Table 2b. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	19.6	15.4
Mean number of emergency room encounters (ED)	0.6	1.3
Mean number of inpatient hospital encounters (IP)	0.3	0.8
Mean number of non-acute institutional encounters (IS)	0.2	1.9
Mean number of other ambulatory encounters (OA)	5.5	6.7
Mean number of filled prescriptions	43.5	36.5
Mean number of generics	12.7	7.1
Mean number of unique drug classes	11.3	6

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 2c. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

Characteristic <sup>1</sup>	Number		
Number of unique patients with at least one potential frequency error	219		
Number of dispensings among patients with at least one potential frequency error	219		
Patient Characteristics <sup>2</sup>	Mean	Standard Deviation	
Mean age (years)	59.7	14.3	
	Number	Percent	
Age (years)			
18-24	3	1.4%	
25-29	7	3.2%	
30-34	7	3.2%	
35-39	12	5.5%	
40-44	13	5.9%	
45-49	16	7.3%	
50-54	27	12.3%	
55-59	25	11.4%	
60-64	18	8.2%	
65-69	28	12.8%	
70-74	21	9.6%	
75-79	18	8.2%	
80-84	19	8.7%	
85-89	4	1.8%	
90-94	0	0.0%	
95+	1	0.5%	
Sex			
Female	157	71.7%	
Male	62	28.3%	
Unknown	0	0.0%	
Year			
2010	21	9.6%	
2011	31	14.2%	
2012	41	18.7%	
2013	35	16.0%	
2014	53	24.2%	
2015	38	17.4%	
Recorded history of:	Mean	Standard Deviation	
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	1	1.7	
	Number	Percent	
Chronic kidney failure	18	8.2%	
Psoriasis	39	17.8%	
Psoriatic arthritis	37	16.9%	
Rheumatoid arthritis	188	85.8%	

**Table 2c. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	19.6	15.4
Mean number of emergency room encounters (ED)	0.6	1.3
Mean number of inpatient hospital encounters (IP)	0.3	0.8
Mean number of non-acute institutional encounters (IS)	0.2	1.9
Mean number of other ambulatory encounters (OA)	5.5	6.7
Mean number of filled prescriptions	43.5	36.5
Mean number of generics	12.7	7.1
Mean number of unique drug classes	11.3	6

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 2d. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients with at least one potential frequency error	2	
Number of dispensings among patients with at least one potential frequency error	2	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	82.8	16.5
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	0	0.0%
25-29	0	0.0%
30-34	0	0.0%
35-39	0	0.0%
40-44	0	0.0%
45-49	0	0.0%
50-54	0	0.0%
55-59	0	0.0%
60-64	0	0.0%
65-69	0	0.0%
70-74	1	50.0%
75-79	0	0.0%
80-84	0	0.0%
85-89	0	0.0%
90-94	1	50.0%
95+	0	0.0%
Sex		
Female	1	50.0%
Male	1	50.0%
Unknown	0	0.0%
Year		
2010	0	0.0%
2011	1	50.0%
2012	0	0.0%
2013	0	0.0%
2014	0	0.0%
2015	1	50.0%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	3	4.2
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	1	50.0%
Psoriasis	0	0.0%
Psoriatic arthritis	0	0.0%
Rheumatoid arthritis	2	100.0%

**Table 2d. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Only One Dispensing and at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	33	2.8
Mean number of emergency room encounters (ED)	0	0
Mean number of inpatient hospital encounters (IP)	0	0
Mean number of non-acute institutional encounters (IS)	0	0
Mean number of other ambulatory encounters (OA)	3.5	3.5
Mean number of filled prescriptions	38	5.7
Mean number of generics	15	0
Mean number of unique drug classes	13.5	0.7

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 3a. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients	62,139	
Number of dispensings	628,657	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.8	13.1
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	943	1.5%
25-29	1,166	1.9%
30-34	2,029	3.3%
35-39	2,931	4.7%
40-44	3,972	6.4%
45-49	5,321	8.6%
50-54	6,546	10.5%
55-59	7,051	11.3%
60-64	6,082	9.8%
65-69	8,436	13.6%
70-74	7,387	11.9%
75-79	5,175	8.3%
80-84	3,088	5.0%
85-89	1,610	2.6%
90-94	339	0.5%
95+	44	0.1%
Sex		
Female	45,833	73.8%
Male	16,305	26.2%
Unknown	1	0.0%
Year		
2010	5,452	8.8%
2011	11,059	17.8%
2012	11,881	19.1%
2013	13,130	21.1%
2014	15,398	24.8%
2015	5,219	8.4%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.8	1.8
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	5,086	8.2%
Psoriasis	10,425	16.8%
Psoriatic arthritis	9,523	15.3%
Rheumatoid arthritis	54,588	87.8%



**Table 3a. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18.5	13.8
Mean number of emergency room encounters (ED)	0.6	1.4
Mean number of inpatient hospital encounters (IP)	0.2	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.5
Mean number of other ambulatory encounters (OA)	5.2	8.5
Mean number of filled prescriptions	41.3	34.4
Mean number of generics	11.9	6.4
Mean number of unique drug classes	10.6	5.3

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 3b. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients with at least one potential frequency error	3,562	
Number of dispensings among patients with at least one potential frequency error	56,422	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.4	13.3
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	52	1.5%
25-29	72	2.0%
30-34	136	3.8%
35-39	182	5.1%
40-44	220	6.2%
45-49	324	9.1%
50-54	351	9.9%
55-59	424	11.9%
60-64	352	9.9%
65-69	462	13.0%
70-74	411	11.5%
75-79	284	8.0%
80-84	176	4.9%
85-89	101	2.8%
90-94	14	0.4%
95+	1	0.0%
Sex		
Female	2,569	72.1%
Male	993	27.9%
Unknown	0	0.0%
Year		
2010	412	11.6%
2011	921	25.9%
2012	909	25.5%
2013	695	19.5%
2014	522	14.7%
2015	103	2.9%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.8	1.8
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	253	7.1%
Psoriasis	572	16.1%
Psoriatic arthritis	528	14.8%
Rheumatoid arthritis	3,129	87.8%

**Table 3b. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #1) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18	14
Mean number of emergency room encounters (ED)	0.6	1.5
Mean number of inpatient hospital encounters (IP)	0.3	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.4
Mean number of other ambulatory encounters (OA)	5.5	9.1
Mean number of filled prescriptions	39.9	32.7
Mean number of generics	11.6	6.2
Mean number of unique drug classes	10.3	5.2

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 3c. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	
Number of unique patients with at least one potential frequency error	6,615	
Number of dispensings among patients with at least one potential frequency error	102,629	
<b>Patient Characteristics<sup>2</sup></b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean age (years)	59.1	12.7
	<b>Number</b>	<b>Percent</b>
Age (years)		
18-24	117	1.8%
25-29	113	1.7%
30-34	219	3.3%
35-39	303	4.6%
40-44	391	5.9%
45-49	622	9.4%
50-54	781	11.8%
55-59	757	11.4%
60-64	713	10.8%
65-69	888	13.4%
70-74	791	12.0%
75-79	476	7.2%
80-84	276	4.2%
85-89	148	2.2%
90-94	17	0.3%
95+	2	0.0%
Sex		
Female	4,708	71.2%
Male	1,907	28.8%
Unknown	0	0.0%
Year		
2010	844	12.8%
2011	1,513	22.9%
2012	1,461	22.1%
2013	1,400	21.2%
2014	1,176	17.8%
2015	221	3.3%
<b>Recorded history of:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	0.7	1.7
	<b>Number</b>	<b>Percent</b>
Chronic kidney failure	429	6.5%
Psoriasis	1,100	16.6%
Psoriatic arthritis	999	15.1%
Rheumatoid arthritis	5,785	87.5%

**Table 3c. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #2) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	18	13.8
Mean number of emergency room encounters (ED)	0.5	1.2
Mean number of inpatient hospital encounters (IP)	0.2	0.7
Mean number of non-acute institutional encounters (IS)	0.1	0.5
Mean number of other ambulatory encounters (OA)	6	9.6
Mean number of filled prescriptions	37.8	32.6
Mean number of generics	11.5	6.2
Mean number of unique drug classes	10.2	5.2

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 3d. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

Characteristic <sup>1</sup>	Number	
Number of unique patients with at least one potential frequency error	2	
Number of dispensings among patients with at least one potential frequency error	26	
Patient Characteristics <sup>2</sup>	Mean	Standard Deviation
Mean age (years)	63.4	0
	Number	Percent
Age (years)		
18-24	0	0.0%
25-29	0	0.0%
30-34	0	0.0%
35-39	0	0.0%
40-44	0	0.0%
45-49	1	50.0%
50-54	0	0.0%
55-59	0	0.0%
60-64	0	0.0%
65-69	0	0.0%
70-74	0	0.0%
75-79	0	0.0%
80-84	1	50.0%
85-89	0	0.0%
90-94	0	0.0%
95+	0	0.0%
Sex		
Female	2	100.0%
Male	0	0.0%
Unknown	0	0.0%
Year		
2010	0	0.0%
2011	0	0.0%
2012	1	50.0%
2013	1	50.0%
2014	0	0.0%
2015	0	0.0%
Recorded history of:	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity raw score <sup>3</sup>	1	0
	Number	Percent
Chronic kidney failure	1	50.0%
Psoriasis	1	50.0%
Psoriatic arthritis	1	50.0%
Rheumatoid arthritis	2	100.0%

**Table 3d. Baseline Characteristics Prior to the First Methotrexate Dispensing among Methotrexate Users with Two or More Dispensings and at Least One Potential Frequency Error (Case Definition #3) in the Sentinel Distributed Database between January 1, 2010 and May 30, 2015**

<b>Health Service Utilization Intensity:</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters (AV)	34	0
Mean number of emergency room encounters (ED)	2	0
Mean number of inpatient hospital encounters (IP)	0.5	0
Mean number of non-acute institutional encounters (IS)	0	0
Mean number of other ambulatory encounters (OA)	21.5	0
Mean number of filled prescriptions	71	0
Mean number of generics	15	0
Mean number of unique drug classes	13.5	0

<sup>1</sup>All metrics are based on total number of unique patients. The baseline period is defined in relation to the first valid methotrexate dispensing for each patient.

<sup>2</sup>The addition of number of patients across age groups will not add up to the total number of patients because at least one Data Partner did not provide data on the two oldest age groups (90-94 and 95+ years).

<sup>3</sup>Charlson/Elixhauser combined comorbidity score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date.

**Table 4. Summary of Methotrexate Dispensings with Potential Frequency Errors by Case Definition and Number of Total Methotrexate Dispensings**

<b>Case Definitions</b>	<b>All Methotrexate Dispensings</b>	<b>Dispensings among Individuals with only 1 Methotrexate Dispensing<sup>1</sup></b>	<b>Dispensings among Individuals with 2+ Methotrexate Dispensings<sup>1</sup></b>
Dispensings	642,968 (100.0%)	14,311 (100.0%)	628,657 (100.0%)
Case definition 1: weekly dose >30mg/week	7,469 (1.2%)	219 (1.5%)	7,250 (1.2%)
Case definition 2: weekly dose >30mg/week	9,898 (1.5%)	219 (1.5%)	9,679 (1.5%)
Case definition 3: leucovorin	8 (0.0%)	2 (0.0%)	6 (0.0%)
Case definitions 1 and 3	0 (0.0%)	0 (0.0%)	0 (0.0%)
Case definitions 2 and 3	0 (0.0%)	0 (0.0%)	0 (0.0%)

<sup>1</sup>Columns present the number of dispensings with potential frequency errors and are less than or equal to the total number of dispensings described in Tables 1-3.



**Appendix A. Dates of Available Data for Each Data Partner (DP) up to Request End Date (May 30, 2015)**

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<b>DP ID</b>	<b>Start Date<sup>1</sup></b>	<b>End Date<sup>1</sup></b>
DP01	1/1/2008	3/31/2018
DP02	1/1/2012	6/30/2017
DP03	1/1/2000	6/30/2017
DP04	1/1/2000	3/31/2018
DP05	1/1/2000	5/31/2015
DP06	1/1/2000	3/31/2016
DP07	1/1/2007	1/31/2018
DP08	1/1/2000	10/31/2017
DP09	1/1/2000	3/31/2018
DP10	1/1/2005	12/17/2017
DP11	1/1/2000	12/31/2017
DP12	1/1/2000	6/30/2018
DP13	1/1/2004	5/31/2018
DP14	1/1/2008	6/30/2017
DP15	1/1/2000	12/31/2016
DP16	1/1/2006	12/31/2017
DP17	1/1/2010	12/31/2016

<sup>1</sup>The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

**Appendix B. List of Generic and Brand Drug Names Used to Define Exposures and Exposure Incidence in this Request**

<b>Generic Name</b>	<b>Brand Name</b>
<b>Methotrexate</b>	
Methotrexate sodium	Methotrexate (Anti-Rheumatic)
Methotrexate sodium	Methotrexate sodium
Methotrexate sodium	Rheumatrex
<b>Methotrexate Incidence</b>	
Methotrexate	Methotrexate (bulk)
Methotrexate	Xatmep
Methotrexate sodium	Methotrexate (Anti-Rheumatic)
Methotrexate sodium	Methotrexate sodium
Methotrexate sodium	Rheumatrex
Methotrexate sodium	Trexall
Methotrexate sodium/PF	Methotrexate sodium (PF)
Methotrexate/PF	Otrexup (PF)
Methotrexate/PF	Rasuvo (PF)

**Appendix C. List of Generic and Brand Drug Names Used to Define Rescue Drugs in this Request**

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<b>Generic Name</b>	<b>Brand Name</b>
	<b>Leucovorin</b>
Leucovorin calcium	Calcium Folate (leucovorin)
Leucovorin calcium	Leucovorin calcium
Levoleucovorin calcium	Levoleucovorin
Levoleucovorin calcium	Fusilev

**Appendix D. List of Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Rescue Drugs in this Request**

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
<b>Leucovorin</b>			
J0640	Injection Leucovorin Calcium Per 50 mg	HCPCS	Procedure
J0641	Injection Levoleucovorin Calcium 0.5 mg	HCPCS	Procedure

**Appendix E. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes Used to Define Inclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
<b>Psoriatic Arthritis</b>			
696.0	Psoriatic arthropathy	ICD-9-CM	Diagnosis
<b>Rheumatoid Arthritis</b>			
714	Rheumatoid arthritis and other inflammatory polyarthropathies	ICD-9-CM	Diagnosis
714.0	Rheumatoid arthritis	ICD-9-CM	Diagnosis
714.2	Other rheumatoid arthritis with visceral or systemic involvement	ICD-9-CM	Diagnosis
714.30	Polyarticular juvenile rheumatoid arthritis, chronic or unspecified	ICD-9-CM	Diagnosis
714.31	Polyarticular juvenile rheumatoid arthritis, acute	ICD-9-CM	Diagnosis
714.32	Pauciarticular juvenile rheumatoid arthritis	ICD-9-CM	Diagnosis
714.33	Monoarticular juvenile rheumatoid arthritis	ICD-9-CM	Diagnosis
714.1	Felty's syndrome	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

Code	Description	Code Type	Code Category
<b>Cancer</b>			
140	Malignant neoplasm of lip	ICD-9-CM	Diagnosis
140.0	Mal neoplsm up lip vermilion bordr	ICD-9-CM	Diagnosis
140.1	Mal neoplsm lw lip vermilion bordr	ICD-9-CM	Diagnosis
140.3	Malig neoplsm upper lip innr aspect	ICD-9-CM	Diagnosis
140.4	Malig neoplasm low lip innr aspect	ICD-9-CM	Diagnosis
140.5	Mal neo lip innr aspect uns up/lw	ICD-9-CM	Diagnosis
140.6	Malignant neoplasm commissure lip	ICD-9-CM	Diagnosis
140.8	Malignant neoplasm other sites lip	ICD-9-CM	Diagnosis
140.9	Mal neoplsm lip vermil uns up/lw	ICD-9-CM	Diagnosis
141	Malignant neoplasm of tongue	ICD-9-CM	Diagnosis
141.0	Malignant neoplasm base tongue	ICD-9-CM	Diagnosis
141.1	Malig neoplasm dors surface tongue	ICD-9-CM	Diagnosis
141.2	Malig neoplsm tip&lat border tongue	ICD-9-CM	Diagnosis
141.3	Malig neoplsm ventral surfce tongue	ICD-9-CM	Diagnosis
141.4	Mal neoplsm ant 2/3 tongue part uns	ICD-9-CM	Diagnosis
141.5	Malig neoplasm junc zone tongue	ICD-9-CM	Diagnosis
141.6	Malignant neoplasm lingual tonsil	ICD-9-CM	Diagnosis
141.8	Malig neoplasm other sites tongue	ICD-9-CM	Diagnosis
141.9	Malig neoplasm tongue unspec site	ICD-9-CM	Diagnosis
142	Malig neoplasm major saliv glands	ICD-9-CM	Diagnosis
142.0	Malignant neoplasm of parotid gland	ICD-9-CM	Diagnosis
142.1	Malig neoplasm submandibular gland	ICD-9-CM	Diagnosis
142.2	Malignant neoplasm sublingual gland	ICD-9-CM	Diagnosis
142.8	Malig neoplasm oth maj saliv glands	ICD-9-CM	Diagnosis
142.9	Malig neoplasm saliv gland unspec	ICD-9-CM	Diagnosis
143	Malignant neoplasm of gum	ICD-9-CM	Diagnosis
143.0	Malignant neoplasm of upper gum	ICD-9-CM	Diagnosis
143.1	Malignant neoplasm of lower gum	ICD-9-CM	Diagnosis
143.8	Malignant neoplasm other sites gum	ICD-9-CM	Diagnosis
143.9	Malignant neoplasm gum unspec site	ICD-9-CM	Diagnosis
144	Malignant neoplasm floor mouth	ICD-9-CM	Diagnosis
144.0	Malig neoplasm ant prtn floor mouth	ICD-9-CM	Diagnosis
144.1	Malig neoplasm lat prtn flr mouth	ICD-9-CM	Diagnosis
144.8	Malig neoplasm oth sites flr mouth	ICD-9-CM	Diagnosis
144.9	Malig neoplsm flr mouth part unspec	ICD-9-CM	Diagnosis
145	Malig neoplsm oth&unspec part mouth	ICD-9-CM	Diagnosis
145.0	Malignant neoplasm of cheek mucosa	ICD-9-CM	Diagnosis
145.1	Malignant neoplasm vestibule mouth	ICD-9-CM	Diagnosis
145.2	Malignant neoplasm of hard palate	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
145.3	Malignant neoplasm of soft palate	ICD-9-CM	Diagnosis
145.4	Malignant neoplasm of uvula	ICD-9-CM	Diagnosis
145.5	Malignant neoplasm palate unspec	ICD-9-CM	Diagnosis
145.6	Malignant neoplasm retromolar area	ICD-9-CM	Diagnosis
145.8	Malig neoplasm oth spec parts mouth	ICD-9-CM	Diagnosis
145.9	Malig neoplasm mouth unspec site	ICD-9-CM	Diagnosis
146	Malignant neoplasm of oropharynx	ICD-9-CM	Diagnosis
146.0	Malignant neoplasm of tonsil	ICD-9-CM	Diagnosis
146.1	Malignant neoplasm tonsillar fossa	ICD-9-CM	Diagnosis
146.2	Malig neoplasm tonsillar pillars	ICD-9-CM	Diagnosis
146.3	Malignant neoplasm of vallecula	ICD-9-CM	Diagnosis
146.4	Malig neoplasm ant aspect epiglottis	ICD-9-CM	Diagnosis
146.5	Malig neoplasm junc rgn oropharynx	ICD-9-CM	Diagnosis
146.6	Malig neoplasm lat wall oropharynx	ICD-9-CM	Diagnosis
146.7	Malig neoplasm post wall oropharynx	ICD-9-CM	Diagnosis
146.8	Mal neo oth spec site oropharynx	ICD-9-CM	Diagnosis
146.9	Malig neoplasm oropharynx uns site	ICD-9-CM	Diagnosis
147	Malignant neoplasm of nasopharynx	ICD-9-CM	Diagnosis
147.0	Malig neoplasm sup wall nasopharynx	ICD-9-CM	Diagnosis
147.1	Malig neoplasm post wall nasopharynx	ICD-9-CM	Diagnosis
147.2	Malig neoplasm lat wall nasopharynx	ICD-9-CM	Diagnosis
147.3	Malig neoplasm ant wall nasopharynx	ICD-9-CM	Diagnosis
147.8	Mal neo oth spec site nasopharynx	ICD-9-CM	Diagnosis
147.9	Malig neoplasm nasopharynx uns site	ICD-9-CM	Diagnosis
148	Malignant neoplasm of hypopharynx	ICD-9-CM	Diagnosis
148.0	Mal neo postcricoid rgn hypopharynx	ICD-9-CM	Diagnosis
148.1	Malignant neoplasm pyriform sinus	ICD-9-CM	Diagnosis
148.2	Malig neoplasm aryepiglottic fold	ICD-9-CM	Diagnosis
148.3	Mal neo post hypopharyngeal wall	ICD-9-CM	Diagnosis
148.8	Mal neo oth spec site hypopharynx	ICD-9-CM	Diagnosis
148.9	Malig neoplasm hypopharynx uns site	ICD-9-CM	Diagnosis
149	Oth malig neo lip-mouth-pharynx	ICD-9-CM	Diagnosis
149.0	Malignant neoplasm pharynx unspec	ICD-9-CM	Diagnosis
149.1	Malignant neoplasm waldeyers ring	ICD-9-CM	Diagnosis
149.8	Mal neo oth site within lip&orl cav	ICD-9-CM	Diagnosis
149.9	Mal neo ill-defind site lip&orl cav	ICD-9-CM	Diagnosis
150	Malignant neoplasm of esophagus	ICD-9-CM	Diagnosis
150.0	Malig neoplasm cervical esophagus	ICD-9-CM	Diagnosis
150.1	Malig neoplasm thoracic esophagus	ICD-9-CM	Diagnosis
150.2	Malig neoplasm abdominal esophagus	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
150.3	Malig neoplasm upper1/3esophagus	ICD-9-CM	Diagnosis
150.4	Malig neoplasm middle1/3esophagus	ICD-9-CM	Diagnosis
150.5	Malig neoplasm lower1/3esophagus	ICD-9-CM	Diagnosis
150.8	Malig neoplasm oth spec part esoph	ICD-9-CM	Diagnosis
150.9	Malig neoplasm esoph unspec site	ICD-9-CM	Diagnosis
151	Malignant neoplasm of stomach	ICD-9-CM	Diagnosis
151.0	Malignant neoplasm of cardia	ICD-9-CM	Diagnosis
151.1	Malignant neoplasm of pylorus	ICD-9-CM	Diagnosis
151.2	Malignant neoplasm pyloric antrum	ICD-9-CM	Diagnosis
151.3	Malignant neoplasm fundus stomach	ICD-9-CM	Diagnosis
151.4	Malignant neoplasm body stomach	ICD-9-CM	Diagnosis
151.5	Malig neoplasm lesr curv stomach uns	ICD-9-CM	Diagnosis
151.6	Malig neoplasm gt curv stomach uns	ICD-9-CM	Diagnosis
151.8	Malig neoplasm oth spec site stomach	ICD-9-CM	Diagnosis
151.9	Malig neoplasm stomach unspec site	ICD-9-CM	Diagnosis
152	Malig neoplasm sm intest incl duodum	ICD-9-CM	Diagnosis
152.0	Malignant neoplasm of duodenum	ICD-9-CM	Diagnosis
152.1	Malignant neoplasm of jejunum	ICD-9-CM	Diagnosis
152.2	Malignant neoplasm of ileum	ICD-9-CM	Diagnosis
152.3	Malig neoplasm meckels diverticulum	ICD-9-CM	Diagnosis
152.8	Mal neoplasm oth spec site sm intest	ICD-9-CM	Diagnosis
152.9	Malig neoplasm sm intest unspec site	ICD-9-CM	Diagnosis
153	Malignant neoplasm of colon	ICD-9-CM	Diagnosis
153.0	Malignant neoplasm hepatic flexure	ICD-9-CM	Diagnosis
153.1	Malignant neoplasm transverse colon	ICD-9-CM	Diagnosis
153.2	Malignant neoplasm descending colon	ICD-9-CM	Diagnosis
153.3	Malignant neoplasm of sigmoid colon	ICD-9-CM	Diagnosis
153.4	Malignant neoplasm of cecum	ICD-9-CM	Diagnosis
153.5	Malignant neoplasm of appendix	ICD-9-CM	Diagnosis
153.6	Malignant neoplasm ascending colon	ICD-9-CM	Diagnosis
153.7	Malignant neoplasm splenic flexure	ICD-9-CM	Diagnosis
153.8	Mal neoplasm oth spec site lg intest	ICD-9-CM	Diagnosis
153.9	Malig neoplasm colon unspec site	ICD-9-CM	Diagnosis
154	Mal neo rect rectosigmoid junc&anus	ICD-9-CM	Diagnosis
154.0	Malig neoplasm rectosigmoid junc	ICD-9-CM	Diagnosis
154.1	Malignant neoplasm of rectum	ICD-9-CM	Diagnosis
154.2	Malignant neoplasm of anal canal	ICD-9-CM	Diagnosis
154.3	Malignant neoplasm anus unspec site	ICD-9-CM	Diagnosis
154.8	Mal neo oth site rectm/sig/anus	ICD-9-CM	Diagnosis
155	Malig neoplasm liver&intrahep bds	ICD-9-CM	Diagnosis



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
155.0	Malignant neoplasm of liver primary	ICD-9-CM	Diagnosis
155.1	Malignant neoplasm intrahepatic bds	ICD-9-CM	Diagnosis
155.2	Mal neoplsm livr not spec prim/sec	ICD-9-CM	Diagnosis
156	Malig neoplsm gallblad&xtrahep bds	ICD-9-CM	Diagnosis
156.0	Malignant neoplasm of gallbladder	ICD-9-CM	Diagnosis
156.1	Malignant neoplasm extrahepatic bds	ICD-9-CM	Diagnosis
156.2	Malignant neoplasm ampulla vater	ICD-9-CM	Diagnosis
156.8	Mal neo oth site gb&xtrahep bds	ICD-9-CM	Diagnosis
156.9	Mal neo bili tract part uns site	ICD-9-CM	Diagnosis
157	Malignant neoplasm of pancreas	ICD-9-CM	Diagnosis
157.0	Malignant neoplasm head pancreas	ICD-9-CM	Diagnosis
157.1	Malignant neoplasm body pancreas	ICD-9-CM	Diagnosis
157.2	Malignant neoplasm tail pancreas	ICD-9-CM	Diagnosis
157.3	Malignant neoplasm pancreatic duct	ICD-9-CM	Diagnosis
157.4	Malig neoplasm islets langerhans	ICD-9-CM	Diagnosis
157.8	Malig neoplasm oth spec sites panc	ICD-9-CM	Diagnosis
157.9	Malig neoplasm pancreas part unspec	ICD-9-CM	Diagnosis
158	Malig neoplasm retroperiton&periton	ICD-9-CM	Diagnosis
158.0	Malignant neoplasm retroperitoneum	ICD-9-CM	Diagnosis
158.8	Malig neoplasm spec parts periton	ICD-9-CM	Diagnosis
158.9	Malig neoplasm peritoneum unspec	ICD-9-CM	Diagnosis
159	Mal neo diges organs&pancreas oth	ICD-9-CM	Diagnosis
159.0	Malig neoplsm intst tract part uns	ICD-9-CM	Diagnosis
159.1	Malignant neoplasm of spleen nec	ICD-9-CM	Diagnosis
159.8	Mal neo oth digestv sys&intra-abd	ICD-9-CM	Diagnosis
159.9	Mal neo ill-defind digestv&periton	ICD-9-CM	Diagnosis
160	Mal neo nasl cav/mid ear&acss sinus	ICD-9-CM	Diagnosis
160.0	Malignant neoplasm nasal cavities	ICD-9-CM	Diagnosis
160.1	Malig neo aud tube-mid ear&mastoid	ICD-9-CM	Diagnosis
160.2	Malignant neoplasm maxillary sinus	ICD-9-CM	Diagnosis
160.3	Malignant neoplasm ethmoidal sinus	ICD-9-CM	Diagnosis
160.4	Malignant neoplasm of frontal sinus	ICD-9-CM	Diagnosis
160.5	Malignant neoplasm sphenoidal sinus	ICD-9-CM	Diagnosis
160.8	Mal neo oth site nasl-mid ear&sinus	ICD-9-CM	Diagnosis
160.9	Mal neo nasl cav mid ear sinus uns	ICD-9-CM	Diagnosis
161	Malignant neoplasm of larynx	ICD-9-CM	Diagnosis
161.0	Malignant neoplasm of glottis	ICD-9-CM	Diagnosis
161.1	Malignant neoplasm of supraglottis	ICD-9-CM	Diagnosis
161.2	Malignant neoplasm of subglottis	ICD-9-CM	Diagnosis
161.3	Malig neoplasm laryngeal cartilages	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
161.8	Malig neoplsm oth spec sites larynx	ICD-9-CM	Diagnosis
161.9	Malig neoplasm larynx unspec site	ICD-9-CM	Diagnosis
162	Malig neoplasm trach bronchus&lung	ICD-9-CM	Diagnosis
162.0	Malignant neoplasm of trachea	ICD-9-CM	Diagnosis
162.2	Malignant neoplasm of main bronchus	ICD-9-CM	Diagnosis
162.3	Malig neoplsm up lobe bronchus/lung	ICD-9-CM	Diagnosis
162.4	Mal neoplsm mid lobe bronchus/lung	ICD-9-CM	Diagnosis
162.5	Malig neoplsm lw lobe bronchus/lung	ICD-9-CM	Diagnosis
162.8	Mal neoplsm oth part bronchus/lung	ICD-9-CM	Diagnosis
162.9	Mal neoplsm bronchus&lung unsite	ICD-9-CM	Diagnosis
163	Malignant neoplasm of pleura	ICD-9-CM	Diagnosis
163.0	Malignant neoplasm parietal pleura	ICD-9-CM	Diagnosis
163.1	Malignant neoplasm visceral pleura	ICD-9-CM	Diagnosis
163.8	Malig neoplasm oth spec sites pleu	ICD-9-CM	Diagnosis
163.9	Malig neoplasm pleura unspec site	ICD-9-CM	Diagnosis
164	Malig neoplasm thymus heart&mediast	ICD-9-CM	Diagnosis
164.0	Malignant neoplasm of thymus	ICD-9-CM	Diagnosis
164.1	Malignant neoplasm of heart	ICD-9-CM	Diagnosis
164.2	Malig neoplasm anterior mediastinum	ICD-9-CM	Diagnosis
164.3	Malig neoplasm posterior mediast	ICD-9-CM	Diagnosis
164.8	Malig neoplasm oth parts mediast	ICD-9-CM	Diagnosis
164.9	Malig neoplasm mediast part unspec	ICD-9-CM	Diagnosis
165	Mal neo resp&thor organs oth	ICD-9-CM	Diagnosis
165.0	Mal neoplsm up resp tract part uns	ICD-9-CM	Diagnosis
165.8	Mal neo oth w/in resp/thorax	ICD-9-CM	Diagnosis
165.9	Malig neo ill-def w/in resp sys	ICD-9-CM	Diagnosis
170	Malig neoplasm bone&articlr cart	ICD-9-CM	Diagnosis
170.0	Malig neoplsm bns skull&fce no mand	ICD-9-CM	Diagnosis
170.1	Malignant neoplasm of mandible	ICD-9-CM	Diagnosis
170.2	Mal neo vert colmn not sacrm&coccyx	ICD-9-CM	Diagnosis
170.3	Malig neoplasm ribs sternum&clav	ICD-9-CM	Diagnosis
170.4	Malig neoplsm scap&lng bns up limb	ICD-9-CM	Diagnosis
170.5	Malig neoplasm short bns upper limb	ICD-9-CM	Diagnosis
170.6	Mal neoplsm pelv bns sacrum&coccyx	ICD-9-CM	Diagnosis
170.7	Malig neoplasm long bns lower limb	ICD-9-CM	Diagnosis
170.8	Malig neoplasm short bns lower limb	ICD-9-CM	Diagnosis
170.9	Mal neo bn&articlr cart site uns	ICD-9-CM	Diagnosis
171	Malig neoplsm cnctv&oth soft tissue	ICD-9-CM	Diagnosis
171.0	Mal neo cnctv&oth sft tiss head&nck	ICD-9-CM	Diagnosis
171.2	Mal neo sft tiss up limb w/shldr	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
171.3	Mal neo oth sft tiss lw limb w/hip	ICD-9-CM	Diagnosis
171.4	Mal neoplsm cnctv&oth sft tiss thor	ICD-9-CM	Diagnosis
171.5	Malig neoplsm cnctv&sft tiss abd	ICD-9-CM	Diagnosis
171.6	Mal neoplsm cnctv&oth sft tiss pelv	ICD-9-CM	Diagnosis
171.7	Mal neo cnctv&oth sft tiss trnk	ICD-9-CM	Diagnosis
171.8	Mal neo oth site cnctv&oth sft tiss	ICD-9-CM	Diagnosis
171.9	Mal neo cnctv&oth sft tiss site uns	ICD-9-CM	Diagnosis
172	Malignant melanoma of skin	ICD-9-CM	Diagnosis
172.0	Malignant melanoma of skin of lip	ICD-9-CM	Diagnosis
172.1	Malig melanoma skn eyeld w/canthus	ICD-9-CM	Diagnosis
172.2	Mal melnoma ear&xtrnl audirty canl	ICD-9-CM	Diagnosis
172.3	Malig melanoma skn oth&uns part fce	ICD-9-CM	Diagnosis
172.4	Malignant melanoma skin scalp&neck	ICD-9-CM	Diagnosis
172.5	Malig melanoma skin trnk no scrotum	ICD-9-CM	Diagnosis
172.6	Malig melanoma skn up limb w/shldr	ICD-9-CM	Diagnosis
172.7	Malig melanoma skn low limb w/hip	ICD-9-CM	Diagnosis
172.8	Malig melanoma oth spec sites skin	ICD-9-CM	Diagnosis
172.9	Melanoma of skin, site unspecified	ICD-9-CM	Diagnosis
173	Other & uns malignant neoplasm skin	ICD-9-CM	Diagnosis
173.0	Other uns malig neoplasm skin lip	ICD-9-CM	Diagnosis
173.00	Uns malignant neoplasm skin lip	ICD-9-CM	Diagnosis
173.01	Basal cell carcinoma of skin of lip	ICD-9-CM	Diagnosis
173.02	Squamous cell carcinoma skin of lip	ICD-9-CM	Diagnosis
173.09	Other spec malig neoplasm skin lip	ICD-9-CM	Diagnosis
173.1	Oth uns mal neoplsm eyeld w/canthus	ICD-9-CM	Diagnosis
173.10	Uns malig neoplsm eyelid w/canthus	ICD-9-CM	Diagnosis
173.11	Basal cell ca eyelid incl canthus	ICD-9-CM	Diagnosis
173.12	Sqaum cell ca eyelid incl canthus	ICD-9-CM	Diagnosis
173.19	Oth spec mal neo eyeld w/canthus	ICD-9-CM	Diagnosis
173.2	Oth uns mal neo ear ext aud canal	ICD-9-CM	Diagnosis
173.20	Uns mal neo skn ear ext aud canal	ICD-9-CM	Diagnosis
173.21	Basal cell ca skn ear ext aud canal	ICD-9-CM	Diagnosis
173.22	Sq cell ca skin ear ext aud canal	ICD-9-CM	Diagnosis
173.29	Oth mal neo skin ear ext aud canal	ICD-9-CM	Diagnosis
173.3	Oth mal neo skin oth&uns part face	ICD-9-CM	Diagnosis
173.30	Uns mal neo skin oth uns part face	ICD-9-CM	Diagnosis
173.31	Basal cell ca skn oth uns part face	ICD-9-CM	Diagnosis
173.32	Sq cell ca skin oth uns parts face	ICD-9-CM	Diagnosis
173.39	Oth mal neo skin oth uns part face	ICD-9-CM	Diagnosis
173.4	Oth malig neoplasm scalp skin neck	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
173.40	Uns malig neoplasm scalp skin neck	ICD-9-CM	Diagnosis
173.41	Basal cell ca scalp skin neck	ICD-9-CM	Diagnosis
173.42	Squamous cell ca scalp skin neck	ICD-9-CM	Diagnosis
173.49	Oth spec malig neo scalp skin neck	ICD-9-CM	Diagnosis
173.5	Oth mal neo skin trunk no scrotum	ICD-9-CM	Diagnosis
173.50	Uns mal neo skin trunk no scrotum	ICD-9-CM	Diagnosis
173.51	Basal cell ca skin trunk no scrotum	ICD-9-CM	Diagnosis
173.52	Sq cell ca skin trunk no scrotum	ICD-9-CM	Diagnosis
173.59	Oth mal neo skin trunk no scrotum	ICD-9-CM	Diagnosis
173.6	Oth mal neo skin up limb w/shoulder	ICD-9-CM	Diagnosis
173.60	Uns mal neo skin up limb w/shoulder	ICD-9-CM	Diagnosis
173.61	Basl cell ca skn up limb incl shldr	ICD-9-CM	Diagnosis
173.62	Sq cell ca skin up limb incl shldr	ICD-9-CM	Diagnosis
173.69	Oth mal neo skin up limb w/shlouder	ICD-9-CM	Diagnosis
173.7	Oth malig neo skin lw limb w/hip	ICD-9-CM	Diagnosis
173.70	Uns malig neo skin lw limb w/hip	ICD-9-CM	Diagnosis
173.71	Basal cell ca skin lw limb incl hip	ICD-9-CM	Diagnosis
173.72	Sq cell ca skin low limb incl hip	ICD-9-CM	Diagnosis
173.79	Oth spec mal neo skn lw limb w/hip	ICD-9-CM	Diagnosis
173.8	Oth malig neo oth spec site skin	ICD-9-CM	Diagnosis
173.80	Uns malig neo oth spec site skin	ICD-9-CM	Diagnosis
173.81	Basal cell ca oth spec sites skin	ICD-9-CM	Diagnosis
173.82	Sq cell ca oth spec sites skin	ICD-9-CM	Diagnosis
173.89	Oth spec mal neo oth spec site skn	ICD-9-CM	Diagnosis
173.9	Oth uns malig neoplsm skin site uns	ICD-9-CM	Diagnosis
173.90	Uns malig neoplasm skin site uns	ICD-9-CM	Diagnosis
173.91	Basal cell carcinoma skin site uns	ICD-9-CM	Diagnosis
173.92	Squamous cell ca skin site uns	ICD-9-CM	Diagnosis
173.99	Oth spec malig neoplsm skn site uns	ICD-9-CM	Diagnosis
174	Malignant neoplasm of female breast	ICD-9-CM	Diagnosis
174.0	Malig neoplsm nipple&areola fe brst	ICD-9-CM	Diagnosis
174.1	Malig neoplasm cntrl prtn fe breast	ICD-9-CM	Diagnosis
174.2	Malig neoplsm up-innr quad fe brst	ICD-9-CM	Diagnosis
174.3	Malig neoplsm low-innr quad fe brst	ICD-9-CM	Diagnosis
174.4	Malig neoplsm up-outer quad fe brst	ICD-9-CM	Diagnosis
174.5	Malig neoplsm lw-outer quad fe brst	ICD-9-CM	Diagnosis
174.6	Malig neoplasm ax tail fe breast	ICD-9-CM	Diagnosis
174.8	Malig neoplsm oth spec site fe brst	ICD-9-CM	Diagnosis
174.9	Malig neoplasm breast unspec site	ICD-9-CM	Diagnosis
175	Malignant neoplasm of male breast	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
175.0	Mal neoplsm nipple&areola male brst	ICD-9-CM	Diagnosis
175.9	Mal neoplsm oth&uns site male brst	ICD-9-CM	Diagnosis
176	Kaposi sarcoma	ICD-9-CM	Diagnosis
176.0	Kaposi sarcoma of skin	ICD-9-CM	Diagnosis
176.1	Kaposi sarcoma of soft tissue	ICD-9-CM	Diagnosis
176.2	Kaposi sarcoma of palate	ICD-9-CM	Diagnosis
176.3	Kaposi sarcoma gi sites	ICD-9-CM	Diagnosis
176.4	Kaposi sarcoma of lung	ICD-9-CM	Diagnosis
176.5	Kaposi sarcoma of lymph nodes	ICD-9-CM	Diagnosis
176.8	Kaposi sarcoma other spec sites	ICD-9-CM	Diagnosis
176.9	Kaposi sarcoma of unspecified site	ICD-9-CM	Diagnosis
179	Malig neoplasm uterus part unspec	ICD-9-CM	Diagnosis
180	Malignant neoplasm of cervix uteri	ICD-9-CM	Diagnosis
180.0	Malignant neoplasm of endocervix	ICD-9-CM	Diagnosis
180.1	Malignant neoplasm of exocervix	ICD-9-CM	Diagnosis
180.8	Malig neoplasm oth spec sites cerv	ICD-9-CM	Diagnosis
180.9	Malig neoplsm cerv uteri uns site	ICD-9-CM	Diagnosis
181	Malignant neoplasm of placenta	ICD-9-CM	Diagnosis
182	Malignant neoplasm body uterus	ICD-9-CM	Diagnosis
182.0	Mal neoplsm corpus uteri no isthmus	ICD-9-CM	Diagnosis
182.1	Malignant neoplasm of isthmus	ICD-9-CM	Diagnosis
182.8	Mal neoplsm oth spec site bdy utrus	ICD-9-CM	Diagnosis
183	Malig neoplsm ovry&oth utern adnexa	ICD-9-CM	Diagnosis
183.0	Malignant neoplasm of ovary	ICD-9-CM	Diagnosis
183.2	Malignant neoplasm fallopian tube	ICD-9-CM	Diagnosis
183.3	Malig neoplasm broad lig uterus	ICD-9-CM	Diagnosis
183.4	Malig neoplasm parametrium uterus	ICD-9-CM	Diagnosis
183.5	Malig neoplasm round lig uterus	ICD-9-CM	Diagnosis
183.8	Mal neo oth spec site utern adnexa	ICD-9-CM	Diagnosis
183.9	Malig neoplsm utern adnexa uns site	ICD-9-CM	Diagnosis
184	Malig neoplsm oth&uns fe genit orgn	ICD-9-CM	Diagnosis
184.0	Malignant neoplasm of vagina	ICD-9-CM	Diagnosis
184.1	Malignant neoplasm of labia majora	ICD-9-CM	Diagnosis
184.2	Malignant neoplasm of labia minora	ICD-9-CM	Diagnosis
184.3	Malignant neoplasm of clitoris	ICD-9-CM	Diagnosis
184.4	Malig neoplasm vulva unspec site	ICD-9-CM	Diagnosis
184.8	Mal neo oth spec site fe gnt orgn	ICD-9-CM	Diagnosis
184.9	Malig neoplsm fe gnt orgn site uns	ICD-9-CM	Diagnosis
185	Malignant neoplasm of prostate	ICD-9-CM	Diagnosis
186	Malignant neoplasm of testis	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
186.0	Malig neoplasm undescended testis	ICD-9-CM	Diagnosis
186.9	Malig neoplasm other&unspec testis	ICD-9-CM	Diagnosis
187	Mal neoplsm penis&oth male gnt orgn	ICD-9-CM	Diagnosis
187.1	Malignant neoplasm of prepuce	ICD-9-CM	Diagnosis
187.2	Malignant neoplasm of glans penis	ICD-9-CM	Diagnosis
187.3	Malignant neoplasm of body of penis	ICD-9-CM	Diagnosis
187.4	Malig neoplasm penis part unspec	ICD-9-CM	Diagnosis
187.5	Malignant neoplasm of epididymis	ICD-9-CM	Diagnosis
187.6	Malignant neoplasm spermatic cord	ICD-9-CM	Diagnosis
187.7	Malignant neoplasm of scrotum	ICD-9-CM	Diagnosis
187.8	Mal neo oth spec site male gnt orgn	ICD-9-CM	Diagnosis
187.9	Mal neoplsm male gnt orgn site uns	ICD-9-CM	Diagnosis
188	Malignant neoplasm of bladder	ICD-9-CM	Diagnosis
188.0	Malig neoplasm trigone urin bladd	ICD-9-CM	Diagnosis
188.1	Malig neoplasm dome urinary bladder	ICD-9-CM	Diagnosis
188.2	Malig neoplasm lat wall urin bladd	ICD-9-CM	Diagnosis
188.3	Malig neoplasm ant wall urin bladd	ICD-9-CM	Diagnosis
188.4	Malig neoplasm post wall urin bladd	ICD-9-CM	Diagnosis
188.5	Malignant neoplasm of bladder neck	ICD-9-CM	Diagnosis
188.6	Malignant neoplasm ureteric orifice	ICD-9-CM	Diagnosis
188.7	Malignant neoplasm of urachus	ICD-9-CM	Diagnosis
188.8	Malig neoplasm oth spec sites bladd	ICD-9-CM	Diagnosis
188.9	Malig neoplasm bladder part unspec	ICD-9-CM	Diagnosis
189	Mal neo kidney&oth&uns urin orgn	ICD-9-CM	Diagnosis
189.0	Malig neoplasm kidney except pelvis	ICD-9-CM	Diagnosis
189.1	Malignant neoplasm of renal pelvis	ICD-9-CM	Diagnosis
189.2	Malignant neoplasm of ureter	ICD-9-CM	Diagnosis
189.3	Malignant neoplasm of urethra	ICD-9-CM	Diagnosis
189.4	Malig neoplasm paraurethral glands	ICD-9-CM	Diagnosis
189.8	Mal neoplsm oth spec site urin orgn	ICD-9-CM	Diagnosis
189.9	Malig neoplsm urin orgn site unspec	ICD-9-CM	Diagnosis
190	Malignant neoplasm of eye	ICD-9-CM	Diagnosis
190.0	Malignant neo eyeball	ICD-9-CM	Diagnosis
190.1	Malignant neoplasm of orbit	ICD-9-CM	Diagnosis
190.2	Malignant neoplasm lacrimal gland	ICD-9-CM	Diagnosis
190.3	Malignant neoplasm of conjunctiva	ICD-9-CM	Diagnosis
190.4	Malignant neoplasm of cornea	ICD-9-CM	Diagnosis
190.5	Malignant neoplasm of retina	ICD-9-CM	Diagnosis
190.6	Malignant neoplasm of choroid	ICD-9-CM	Diagnosis
190.7	Malignant neoplasm of lacrimal duct	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
190.8	Malig neoplasm other spec sites eye	ICD-9-CM	Diagnosis
190.9	Malignant neoplasm eye part unspec	ICD-9-CM	Diagnosis
191	Malignant neoplasm of brain	ICD-9-CM	Diagnosis
191.0	Mal neoplsm cerebrum no lobes&vents	ICD-9-CM	Diagnosis
191.1	Malig neoplasm frontal lobe brain	ICD-9-CM	Diagnosis
191.2	Malig neoplasm temporal lobe brain	ICD-9-CM	Diagnosis
191.3	Malig neoplasm parietal lobe brain	ICD-9-CM	Diagnosis
191.4	Malig neoplasm occipital lobe brain	ICD-9-CM	Diagnosis
191.5	Malignant neoplasm ventricles brain	ICD-9-CM	Diagnosis
191.6	Malignant neoplasm cerebellum nos	ICD-9-CM	Diagnosis
191.7	Malignant neoplasm of brain stem	ICD-9-CM	Diagnosis
191.8	Malig neoplasm other parts brain	ICD-9-CM	Diagnosis
191.9	Malig neoplasm brain unspec site	ICD-9-CM	Diagnosis
192	Malig neoplsm oth&uns part nerv sys	ICD-9-CM	Diagnosis
192.0	Malignant neoplasm cranial nerves	ICD-9-CM	Diagnosis
192.1	Malig neoplasm cerebral meninges	ICD-9-CM	Diagnosis
192.2	Malignant neoplasm of spinal cord	ICD-9-CM	Diagnosis
192.3	Malignant neoplasm spinal meninges	ICD-9-CM	Diagnosis
192.8	Mal neoplsm oth spec site nerv sys	ICD-9-CM	Diagnosis
192.9	Malig neoplsm nerv sys part unspec	ICD-9-CM	Diagnosis
193	Malignant neoplasm of thyroid gland	ICD-9-CM	Diagnosis
194	Mal neo oth endocrn gland&rel strct	ICD-9-CM	Diagnosis
194.0	Malignant neoplasm of adrenal gland	ICD-9-CM	Diagnosis
194.1	Malig neoplasm parathyroid gland	ICD-9-CM	Diagnosis
194.3	Malig neoplasm pituitary	ICD-9-CM	Diagnosis
194.4	Malignant neoplasm of pineal gland	ICD-9-CM	Diagnosis
194.5	Malignant neoplasm of carotid body	ICD-9-CM	Diagnosis
194.6	Mal neo aortic bdy&oth paraganglia	ICD-9-CM	Diagnosis
194.8	Mal neo oth endocrn gland&rel strct	ICD-9-CM	Diagnosis
194.9	Mal neoplsm endocrn gland site uns	ICD-9-CM	Diagnosis
195	Malig neoplasm oth&ill-defind sites	ICD-9-CM	Diagnosis
195.0	Malignant neoplasm head face&neck	ICD-9-CM	Diagnosis
195.1	Malignant neoplasm of thorax	ICD-9-CM	Diagnosis
195.2	Malignant neoplasm of abdomen	ICD-9-CM	Diagnosis
195.3	Malignant neoplasm of pelvis	ICD-9-CM	Diagnosis
195.4	Malignant neoplasm of upper limb	ICD-9-CM	Diagnosis
195.5	Malignant neoplasm of lower limb	ICD-9-CM	Diagnosis
195.8	Malignant neoplasm other spec sites	ICD-9-CM	Diagnosis
196	Sec&unspec malig neoplasm nodes	ICD-9-CM	Diagnosis
196.0	Sec&uns mal neo nodes head fce&nck	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
196.1	Sec&uns mal neoplsm intrathr nodes	ICD-9-CM	Diagnosis
196.2	Sec&uns mal neoplsm intra-abd nodes	ICD-9-CM	Diagnosis
196.3	Sec&uns mal neo nodes ax&up limb	ICD-9-CM	Diagnosis
196.5	Sec&uns mal neo nodes ing/leg	ICD-9-CM	Diagnosis
196.6	Sec&uns mal neoplsm intrapelv nodes	ICD-9-CM	Diagnosis
196.8	Sec&uns malig neoplsm nodes mx site	ICD-9-CM	Diagnosis
196.9	Sec&uns mal neoplsm nodes site uns	ICD-9-CM	Diagnosis
197	Sec malig neoplasm resp&digestv sys	ICD-9-CM	Diagnosis
197.0	Sec malignant neoplasm of lung	ICD-9-CM	Diagnosis
197.1	Sec malignant neoplasm mediastinum	ICD-9-CM	Diagnosis
197.2	Sec malignant neoplasm of pleura	ICD-9-CM	Diagnosis
197.3	Sec malig neoplasm oth resp orgn	ICD-9-CM	Diagnosis
197.4	Sec malig neoplsm sm intst w/duodum	ICD-9-CM	Diagnosis
197.5	Sec malig neoplasm lg intest&rect	ICD-9-CM	Diagnosis
197.6	Sec mal neo retroperiton&periton	ICD-9-CM	Diagnosis
197.7	Sec malignant neoplasm of liver	ICD-9-CM	Diagnosis
197.8	Sec mal neo oth digestv orgn&spleen	ICD-9-CM	Diagnosis
198	Sec malig neoplasm other spec sites	ICD-9-CM	Diagnosis
198.0	Sec malignant neoplasm of kidney	ICD-9-CM	Diagnosis
198.1	Sec malig neoplasm oth urinary orgn	ICD-9-CM	Diagnosis
198.2	Sec malignant neoplasm of skin	ICD-9-CM	Diagnosis
198.3	Sec malig neoplsm brain&spinal cord	ICD-9-CM	Diagnosis
198.4	Sec malig neoplsm oth part nerv sys	ICD-9-CM	Diagnosis
198.5	Sec malig neoplasm bone&bone marrow	ICD-9-CM	Diagnosis
198.6	Sec malignant neoplasm of ovary	ICD-9-CM	Diagnosis
198.7	Sec malig neoplasm adrenal gland	ICD-9-CM	Diagnosis
198.8	Sec malig neoplasm other spec sites	ICD-9-CM	Diagnosis
198.81	Sec malignant neoplasm of breast	ICD-9-CM	Diagnosis
198.82	Sec malig neoplasm genital organs	ICD-9-CM	Diagnosis
198.89	Sec malig neoplasm other spec sites	ICD-9-CM	Diagnosis
199	Malig neoplasm without spec site	ICD-9-CM	Diagnosis
199.0	Disseminated malignant neoplasm	ICD-9-CM	Diagnosis
199.1	Other malig neoplasm unspec site	ICD-9-CM	Diagnosis
199.2	Malig neoplsm assoc transplnt organ	ICD-9-CM	Diagnosis
200	Lymph&retic&oth lymph malig tumor	ICD-9-CM	Diagnosis
200.0	Reticulosarcoma	ICD-9-CM	Diagnosis
200.00	Reticulosrcom xtranod&solid orgn	ICD-9-CM	Diagnosis
200.01	Reticulosrcom nodes head face&neck	ICD-9-CM	Diagnosis
200.02	Reticulosarcoma intrathoracic nodes	ICD-9-CM	Diagnosis
200.03	Reticulosarcoma intra-abd nodes	ICD-9-CM	Diagnosis



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
200.04	Reticulosarcoma nodes axilla&upper limb	ICD-9-CM	Diagnosis
200.05	Reticulosarcoma nodes ing rgn&lw limb	ICD-9-CM	Diagnosis
200.06	Reticulosarcoma intrapelvic nodes	ICD-9-CM	Diagnosis
200.07	Reticulosarcoma of spleen	ICD-9-CM	Diagnosis
200.08	Reticulosarcoma nodes mx sites	ICD-9-CM	Diagnosis
200.1	Lymphosarcoma	ICD-9-CM	Diagnosis
200.10	Lymphosarcoma xtrnod&solid orgn	ICD-9-CM	Diagnosis
200.11	Lymphosarcoma nodes head face&neck	ICD-9-CM	Diagnosis
200.12	Lymphosarcoma intrathoracic nodes	ICD-9-CM	Diagnosis
200.13	Lymphosarcoma intra-abd lymph nodes	ICD-9-CM	Diagnosis
200.14	Lymphosarcoma nodes axilla&upper limb	ICD-9-CM	Diagnosis
200.15	Lymphosarcoma nodes ing rgn&low limb	ICD-9-CM	Diagnosis
200.16	Lymphosarcoma intrapelvic nodes	ICD-9-CM	Diagnosis
200.17	Lymphosarcoma of spleen	ICD-9-CM	Diagnosis
200.18	Lymphosarcoma nodes multiple sites	ICD-9-CM	Diagnosis
200.2	Burkitts tumor or lymphoma	ICD-9-CM	Diagnosis
200.20	Burkitts tumor/lymphoma uns	ICD-9-CM	Diagnosis
200.21	Burkitts tumor/lymphoma nodes head&neck	ICD-9-CM	Diagnosis
200.22	Burkitts tumor/lymphoma intrathor nodes	ICD-9-CM	Diagnosis
200.23	Burkitts tumor/lymphoma abd lymph	ICD-9-CM	Diagnosis
200.24	Burkitts tumor axilla&upper limb	ICD-9-CM	Diagnosis
200.25	Burkitts tumor/lymphoma ing/lw limb	ICD-9-CM	Diagnosis
200.26	Burkitts tumor intrapelvic	ICD-9-CM	Diagnosis
200.27	Burkitts tumor or lymphoma spleen	ICD-9-CM	Diagnosis
200.28	Burkitts tumor/lymphoma nodes mx site	ICD-9-CM	Diagnosis
200.3	Marginal zone lymphoma	ICD-9-CM	Diagnosis
200.30	Mz lymphoma uns site extranodal&organ	ICD-9-CM	Diagnosis
200.31	Mz lymphoma nodes head face & neck	ICD-9-CM	Diagnosis
200.32	Mz lymphoma intrathoracic nodes	ICD-9-CM	Diagnosis
200.33	Mz lymphoma intra-abdominal nodes	ICD-9-CM	Diagnosis
200.34	Mz lymphoma nodes axilla&upper limb	ICD-9-CM	Diagnosis
200.35	Mz lymphoma nodes ing reg&low limb	ICD-9-CM	Diagnosis
200.36	Mz lymphoma intrapelvic lymph nodes	ICD-9-CM	Diagnosis
200.37	Marginal zone lymphoma spleen	ICD-9-CM	Diagnosis
200.38	Mz lymphoma lymph nodes multi sites	ICD-9-CM	Diagnosis
200.4	Mantle cell lymphoma	ICD-9-CM	Diagnosis
200.40	Mcl uns site extranodal&solid organ	ICD-9-CM	Diagnosis
200.41	Mcl lymph nodes head face&neck	ICD-9-CM	Diagnosis
200.42	Mcl intrathoracic lymph nodes	ICD-9-CM	Diagnosis
200.43	Mcl intra-abdominal lymph nodes	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
200.44	Mcl lymph nodes axilla&upper limb	ICD-9-CM	Diagnosis
200.45	Mcl nodes ing region&lower limb	ICD-9-CM	Diagnosis
200.46	Mcl intrapelvic lymph nodes	ICD-9-CM	Diagnosis
200.47	Mantle cell lymphoma spleen	ICD-9-CM	Diagnosis
200.48	Mcl lymph nodes multiple sites	ICD-9-CM	Diagnosis
200.5	Primary cntrl nerv sys lymphoma	ICD-9-CM	Diagnosis
200.50	Prim cns lymphoma uns extranod&orgn	ICD-9-CM	Diagnosis
200.51	Prim cns lymphoma head face&neck	ICD-9-CM	Diagnosis
200.52	Prim cns lymphoma intrathor nodes	ICD-9-CM	Diagnosis
200.53	Prim cns lymphoma intra-abd nodes	ICD-9-CM	Diagnosis
200.54	Prim cns lymphoma axilla&upper limb	ICD-9-CM	Diagnosis
200.55	Prim cns lymphoma inguinal&low limb	ICD-9-CM	Diagnosis
200.56	Prim cns lymphoma intrapelvic nodes	ICD-9-CM	Diagnosis
200.57	Primary cns lymphoma spleen	ICD-9-CM	Diagnosis
200.58	Prim cns lymphoma multiple sites	ICD-9-CM	Diagnosis
200.6	Anaplastic large cell lymphoma	ICD-9-CM	Diagnosis
200.60	Alcl uns site extranodal&solid org	ICD-9-CM	Diagnosis
200.61	Alc lymphoma nodes head face&neck	ICD-9-CM	Diagnosis
200.62	Alc lymphoma intrathoracic nodes	ICD-9-CM	Diagnosis
200.63	Alc lymphoma intra-abdominal nodes	ICD-9-CM	Diagnosis
200.64	Alc lymphoma nodes axilla&up limb	ICD-9-CM	Diagnosis
200.65	Alc lymphoma nodes ing&low limb	ICD-9-CM	Diagnosis
200.66	Alc lymphoma intrapelvic nodes	ICD-9-CM	Diagnosis
200.67	Anaplastic lrg cell lymphoma spleen	ICD-9-CM	Diagnosis
200.68	Alc lymphoma nodes multiple sites	ICD-9-CM	Diagnosis
200.7	Large cell lymphoma	ICD-9-CM	Diagnosis
200.70	Lcl uns site extranodal&solid organ	ICD-9-CM	Diagnosis
200.71	Lcl lymph nodes head face&neck	ICD-9-CM	Diagnosis
200.72	Lcl intrathoracic lymph nodes	ICD-9-CM	Diagnosis
200.73	Lcl intra-abdominal lymph nodes	ICD-9-CM	Diagnosis
200.74	Lcl lymph nodes axilla&upper limb	ICD-9-CM	Diagnosis
200.75	Lcl lymph nodes inguinal&lower limb	ICD-9-CM	Diagnosis
200.76	Lcl intrapelvic lymph nodes	ICD-9-CM	Diagnosis
200.77	Large cell lymphoma spleen	ICD-9-CM	Diagnosis
200.78	Large cell lymphoma nodes mx sites	ICD-9-CM	Diagnosis
200.8	Variants lymphosrcom&reticulosrcom	ICD-9-CM	Diagnosis
200.80	Variants xtranod&solid orgn	ICD-9-CM	Diagnosis
200.81	Oth varnts lymphosarcoma nodes head	ICD-9-CM	Diagnosis
200.82	Oth varnts lymphosarcoma thorax	ICD-9-CM	Diagnosis
200.83	Oth varnts lymphosarcoma intra-abd	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
200.84	Oth varnts lymphosarcoma ax&up limb	ICD-9-CM	Diagnosis
200.85	Oth varnt lymphosrcm ing reg&lw lim	ICD-9-CM	Diagnosis
200.86	Oth varnts lymphosarcoma intrapelv	ICD-9-CM	Diagnosis
200.87	Oth variants lymphosarcoma spleen	ICD-9-CM	Diagnosis
200.88	Oth variant lymphosrcm node mx site	ICD-9-CM	Diagnosis
201	Hodgkins disease	ICD-9-CM	Diagnosis
201.0	Hodgkins paragranuloma	ICD-9-CM	Diagnosis
201.00	Hodgkins paragrnrn extrnd uns site	ICD-9-CM	Diagnosis
201.01	Hodgkin paragrnulom nodes head&nck	ICD-9-CM	Diagnosis
201.02	Hodgkin paragrnulom intrathor nodes	ICD-9-CM	Diagnosis
201.03	Hodgkin paragrnulom intra-abd nodes	ICD-9-CM	Diagnosis
201.04	Hodgkins paragran axilla&upper limb	ICD-9-CM	Diagnosis
201.05	Hodgkins paragrnulom ing &lw limb	ICD-9-CM	Diagnosis
201.06	Hodgkin paragrnulom intrapelv nodes	ICD-9-CM	Diagnosis
201.07	Hodgkins paragranuloma of spleen	ICD-9-CM	Diagnosis
201.08	Hodgkins paragrnlom nodes mx sites	ICD-9-CM	Diagnosis
201.1	Hodgkins granuloma	ICD-9-CM	Diagnosis
201.10	Hodgk granul-extrnod uns site	ICD-9-CM	Diagnosis
201.11	Hodgkin granuloma nodes head&nck	ICD-9-CM	Diagnosis
201.12	Hodgkins granuloma intrathor nodes	ICD-9-CM	Diagnosis
201.13	Hodgkins granuloma intra-abd nodes	ICD-9-CM	Diagnosis
201.14	Hodgkins granuloma nodes ax&up limb	ICD-9-CM	Diagnosis
201.15	Hodgkins granuloma ing&lowr limb	ICD-9-CM	Diagnosis
201.16	Hodgkins granuloma intrapelv nodes	ICD-9-CM	Diagnosis
201.17	Hodgkins granuloma of spleen	ICD-9-CM	Diagnosis
201.18	Hodgkins granuloma nodes mx sites	ICD-9-CM	Diagnosis
201.2	Hodgkins sarcoma	ICD-9-CM	Diagnosis
201.20	Hodgkin srcom xtrnod&solid orgn	ICD-9-CM	Diagnosis
201.21	Hodgkins srcom nodes head face&neck	ICD-9-CM	Diagnosis
201.22	Hodgkins srcom intrathoracic nodes	ICD-9-CM	Diagnosis
201.23	Hodgkins sarcoma intra-abd nodes	ICD-9-CM	Diagnosis
201.24	Hodgkins srcom nodes ax&upper limb	ICD-9-CM	Diagnosis
201.25	Hodgkin srcom nodes ing rgn&lw limb	ICD-9-CM	Diagnosis
201.26	Hodgkins sarcoma intrapelvic nodes	ICD-9-CM	Diagnosis
201.27	Hodgkins sarcoma of spleen	ICD-9-CM	Diagnosis
201.28	Hodgkins sarcoma nodes mx sites	ICD-9-CM	Diagnosis
201.4	Hodgkin lymphcyt-histcyt	ICD-9-CM	Diagnosis
201.40	Hodg lymphocyt-histio uns extrnod	ICD-9-CM	Diagnosis
201.41	Hodg lymph-histio head face & neck	ICD-9-CM	Diagnosis
201.42	Hodg lymph-histio thorax	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
201.43	Hodg lymph-histio abdom	ICD-9-CM	Diagnosis
201.44	Hodg lymph-histio axilla&upper limb	ICD-9-CM	Diagnosis
201.45	Hodg lympho-histio ing reg&lwr limb	ICD-9-CM	Diagnosis
201.46	Hodg lymph-histio intrapelvic nodes	ICD-9-CM	Diagnosis
201.47	Hodgkin lymphcyt-histcyt spleen	ICD-9-CM	Diagnosis
201.48	Hodg lymphocyt-histiocyt mx site	ICD-9-CM	Diagnosis
201.5	Hodgkins disease nodular sclerosis	ICD-9-CM	Diagnosis
201.50	Hodg nodul scleros uns site extrnd	ICD-9-CM	Diagnosis
201.51	Hodg nodul sclero head face & neck	ICD-9-CM	Diagnosis
201.52	Hodg nodul sclero thorax	ICD-9-CM	Diagnosis
201.53	Hodg nodul sclero abdom	ICD-9-CM	Diagnosis
201.54	Hodg nodul sclero axilla&upper limb	ICD-9-CM	Diagnosis
201.55	Hodg nodulr sclros ing reg&lw limb	ICD-9-CM	Diagnosis
201.56	Hodg nodul sclero intrapelvic	ICD-9-CM	Diagnosis
201.57	Hodgkins nodular sclerosis spleen	ICD-9-CM	Diagnosis
201.58	Hodgkin nodulr scler nodes mx site	ICD-9-CM	Diagnosis
201.6	Hodgkins disease mixed cellularity	ICD-9-CM	Diagnosis
201.60	Hodg nodl mixd cellr uns site xtrnd	ICD-9-CM	Diagnosis
201.61	Hodg mix cellr w/nodes head&neck	ICD-9-CM	Diagnosis
201.62	Hodgkins mix cellr intrathor nodes	ICD-9-CM	Diagnosis
201.63	Hodgkins mix cellr intra-abd nodes	ICD-9-CM	Diagnosis
201.64	Hodgkins mix cellr nodes ax&up limb	ICD-9-CM	Diagnosis
201.65	Hodg mix cellr nod ing reg&lw lmb	ICD-9-CM	Diagnosis
201.66	Hodgkins mix cellr intrapelv nodes	ICD-9-CM	Diagnosis
201.67	Hodgkins mixed cellularity spleen	ICD-9-CM	Diagnosis
201.68	Hodgkins mix cellr nodes mx sites	ICD-9-CM	Diagnosis
201.7	Hodgkins lymphocytic depletion	ICD-9-CM	Diagnosis
201.70	Hodg lymphocyt deplet extranod	ICD-9-CM	Diagnosis
201.71	Hodg lymph deplet head face & neck	ICD-9-CM	Diagnosis
201.72	Hodg lymph deplet thorax	ICD-9-CM	Diagnosis
201.73	Hodg lymph deplet abdom	ICD-9-CM	Diagnosis
201.74	Hodg lymph deplet axilla&upper limb	ICD-9-CM	Diagnosis
201.75	Hodg lympho dplt nod ing reg&lw lmb	ICD-9-CM	Diagnosis
201.76	Hodg lymph deplet intrapelvic	ICD-9-CM	Diagnosis
201.77	Hodgkins lymphocytic deplet spleen	ICD-9-CM	Diagnosis
201.78	Hodg lymphocytic deplet nod mx site	ICD-9-CM	Diagnosis
201.9	Hodgkins disease, unspecified type	ICD-9-CM	Diagnosis
201.90	Hodg uns type/site extrnd&slid orgn	ICD-9-CM	Diagnosis
201.91	Hodgkin uns type nodes head fce&nck	ICD-9-CM	Diagnosis
201.92	Hodgkins uns type intrathor nodes	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
201.93	Hodgkins uns type intra-abd nodes	ICD-9-CM	Diagnosis
201.94	Hodgkins uns type nodes ax&up limb	ICD-9-CM	Diagnosis
201.95	Hodg uns type node ing reg&lwr limb	ICD-9-CM	Diagnosis
201.96	Hodgkins uns type intrapelv nodes	ICD-9-CM	Diagnosis
201.97	Hodgkins unspecified type of spleen	ICD-9-CM	Diagnosis
201.98	Hodgkins unspec type nodes mx sites	ICD-9-CM	Diagnosis
202	Oth mal neo lymphoid&histcyt tiss	ICD-9-CM	Diagnosis
202.0	Nodular lymphoma	ICD-9-CM	Diagnosis
202.00	Nodulr lymphoma xtranod&solid orgn	ICD-9-CM	Diagnosis
202.01	Nodular lymphoma nodes head fce&nck	ICD-9-CM	Diagnosis
202.02	Nodular lymphoma intrathor nodes	ICD-9-CM	Diagnosis
202.03	Nodular lymphoma intra-abd nodes	ICD-9-CM	Diagnosis
202.04	Nodulr lymphoma nodes ax&upper limb	ICD-9-CM	Diagnosis
202.05	Nodular lymphoma inguin&lower limb	ICD-9-CM	Diagnosis
202.06	Nodular lymphoma intrapelvic nodes	ICD-9-CM	Diagnosis
202.07	Nodular lymphoma of spleen	ICD-9-CM	Diagnosis
202.08	Nodular lymphoma nodes mx sites	ICD-9-CM	Diagnosis
202.1	Mycosis fungoides	ICD-9-CM	Diagnosis
202.10	Mycof fungoides xtranod&solid orgn	ICD-9-CM	Diagnosis
202.11	Mycof fungoides nodes head fce&nck	ICD-9-CM	Diagnosis
202.12	Mycosis fungoides intrathor nodes	ICD-9-CM	Diagnosis
202.13	Mycosis fungoides intra-abd nodes	ICD-9-CM	Diagnosis
202.14	Mycosis fungoides nodes ax&up limb	ICD-9-CM	Diagnosis
202.15	Mycosis fungoides ing reg&lwr limb	ICD-9-CM	Diagnosis
202.16	Mycosis fungoides intrapelvic nodes	ICD-9-CM	Diagnosis
202.17	Mycosis fungoides of spleen	ICD-9-CM	Diagnosis
202.18	Mycosis fungoides nodes mx sites	ICD-9-CM	Diagnosis
202.2	Sezarys disease	ICD-9-CM	Diagnosis
202.20	Sezarys dz uns site extranod	ICD-9-CM	Diagnosis
202.21	Sezarys dz lymph nodes head&neck	ICD-9-CM	Diagnosis
202.22	Sezarys dz intrathoracic lymph node	ICD-9-CM	Diagnosis
202.23	Sezarys dz intra-abd lymph nodes	ICD-9-CM	Diagnosis
202.24	Sezarys dz lymph nod axlla&uppr lmb	ICD-9-CM	Diagnosis
202.25	Sezary dz lymph nod ing reg&lwr lmb	ICD-9-CM	Diagnosis
202.26	Sezarys dz intrapelvic lymph nodes	ICD-9-CM	Diagnosis
202.27	Sezarys dz of spleen	ICD-9-CM	Diagnosis
202.28	Sezarys dz lymph nodes mult sites	ICD-9-CM	Diagnosis
202.3	Malignant histiocytosis	ICD-9-CM	Diagnosis
202.30	Mal histiocytof xtranod&solid orgn	ICD-9-CM	Diagnosis
202.31	Mal histiocytof nodes head fce&nck	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
202.32	Malig histiocytosis intrathor nodes	ICD-9-CM	Diagnosis
202.33	Malig histiocytosis intra-abd nodes	ICD-9-CM	Diagnosis
202.34	Malig histiocytosis nodes ax&up limb	ICD-9-CM	Diagnosis
202.35	Mal histio nodes ing reg&lw lmb	ICD-9-CM	Diagnosis
202.36	Malig histiocytosis intrapelv nodes	ICD-9-CM	Diagnosis
202.37	Malignant histiocytosis of spleen	ICD-9-CM	Diagnosis
202.38	Malig histiocytosis nodes mx sites	ICD-9-CM	Diagnosis
202.4	Leukemic reticuloendotheliosis	ICD-9-CM	Diagnosis
202.40	Leukemic reticuloendotheliosis site	ICD-9-CM	Diagnosis
202.41	Leukemic reticuloendotheliosis head&neck	ICD-9-CM	Diagnosis
202.42	Leukemic reticuloendotheliosis thorax node	ICD-9-CM	Diagnosis
202.43	Leukemic reticuloendotheliosis intra-abd	ICD-9-CM	Diagnosis
202.44	Leukemic reticuloendotheliosis ax&up limb	ICD-9-CM	Diagnosis
202.45	Leukemic reticuloendotheliosis ing reg&lw lmb	ICD-9-CM	Diagnosis
202.46	Leukemic reticuloendotheliosis intrapelvic	ICD-9-CM	Diagnosis
202.47	Leukemic reticuloendotheliosis spleen	ICD-9-CM	Diagnosis
202.48	Leukemic reticuloendotheliosis mx sites	ICD-9-CM	Diagnosis
202.5	Letterer-Siwe disease	ICD-9-CM	Diagnosis
202.50	Letterer-Siwe disease site	ICD-9-CM	Diagnosis
202.51	Letterer-Siwe disease nodes head&neck	ICD-9-CM	Diagnosis
202.52	Letterer-Siwe disease intrathoracic node	ICD-9-CM	Diagnosis
202.53	Letterer-Siwe disease intra-abd nodes	ICD-9-CM	Diagnosis
202.54	Letterer-Siwe disease node axilla&upper limb	ICD-9-CM	Diagnosis
202.55	Letterer-Siwe disease node ing reg&lw lmb	ICD-9-CM	Diagnosis
202.56	Letterer-Siwe disease intrapelvic nodes	ICD-9-CM	Diagnosis
202.57	Letterer-Siwe disease of spleen	ICD-9-CM	Diagnosis
202.58	Letterer-Siwe disease node mult sites	ICD-9-CM	Diagnosis
202.6	Malignant mast cell tumors	ICD-9-CM	Diagnosis
202.60	Mal mast cell tumor site	ICD-9-CM	Diagnosis
202.61	Mal mast cell tumors nodes head&neck	ICD-9-CM	Diagnosis
202.62	Mal mast cell tumors intrathor nodes	ICD-9-CM	Diagnosis
202.63	Mal mast cell tumors intra-abd nodes	ICD-9-CM	Diagnosis
202.64	Mal mastocytosis axilla&upper limb	ICD-9-CM	Diagnosis
202.65	Malig mast cell tumor ing reg&lw lmb	ICD-9-CM	Diagnosis
202.66	Mal mast cell tumors intrapelvic nodes	ICD-9-CM	Diagnosis
202.67	Malignant mast cell tumors spleen	ICD-9-CM	Diagnosis
202.68	Malig mast cell tumors nodes mx site	ICD-9-CM	Diagnosis
202.7	Peripheral t-cell lymphoma	ICD-9-CM	Diagnosis
202.70	Pt lymphoma site extranodal&solid organ	ICD-9-CM	Diagnosis
202.71	Pt lymphoma nodes head face&neck	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
202.72	Ptl intrathoracic lymph nodes	ICD-9-CM	Diagnosis
202.73	Ptl intra-abdominal lymph nodes	ICD-9-CM	Diagnosis
202.74	Ptl lymph nodes axilla&upper limb	ICD-9-CM	Diagnosis
202.75	Ptl lymph nodes inguinal&low limb	ICD-9-CM	Diagnosis
202.76	Ptl intrapelvic lymph nodes	ICD-9-CM	Diagnosis
202.77	Peripheral t-cell lymphoma spleen	ICD-9-CM	Diagnosis
202.78	Ptl lymph nodes multiple sites	ICD-9-CM	Diagnosis
202.8	Other malignant lymphomas	ICD-9-CM	Diagnosis
202.80	Oth mal lymphoma uns site-extrnod	ICD-9-CM	Diagnosis
202.81	Oth mal lymphomas nodes head&nck	ICD-9-CM	Diagnosis
202.82	Oth malig lymphomas intrathor nodes	ICD-9-CM	Diagnosis
202.83	Oth malig lymphomas intra-abd nodes	ICD-9-CM	Diagnosis
202.84	Oth mal lymphomas nodes ax&up limb	ICD-9-CM	Diagnosis
202.85	Oth mal lymphomas ing reg&lowr limb	ICD-9-CM	Diagnosis
202.86	Oth malig lymphomas intrapelv nodes	ICD-9-CM	Diagnosis
202.87	Other malignant lymphomas of spleen	ICD-9-CM	Diagnosis
202.88	Oth malig lymphomas nodes mx sites	ICD-9-CM	Diagnosis
202.9	Uns mal neo lymphoid&histcyt tiss	ICD-9-CM	Diagnosis
202.90	Oth&uns mal lymphod-hstio xtrnd uns	ICD-9-CM	Diagnosis
202.91	Oth&uns mal lymphod-histio head	ICD-9-CM	Diagnosis
202.92	Oth & uns mal lymphoid thorax	ICD-9-CM	Diagnosis
202.93	Oth & uns mal lymphoid abdom	ICD-9-CM	Diagnosis
202.94	Oth & uns mal lymphoid axilla	ICD-9-CM	Diagnosis
202.95	Oth & uns mal lymphoid inguin	ICD-9-CM	Diagnosis
202.96	Oth & uns mal lymphoid pelvic	ICD-9-CM	Diagnosis
202.97	Oth&uns mal neo lymphod&histo splen	ICD-9-CM	Diagnosis
202.98	Oth & uns mal lymphoid mult sites	ICD-9-CM	Diagnosis
203	Mx myeloma&immunoproliferat neoplsm	ICD-9-CM	Diagnosis
203.0	Multiple myeloma	ICD-9-CM	Diagnosis
203.00	Mm w/o mention achieved remission	ICD-9-CM	Diagnosis
203.01	Multiple myeloma in remission	ICD-9-CM	Diagnosis
203.02	Multiple myeloma in relapse	ICD-9-CM	Diagnosis
203.1	Plasma cell leukemia	ICD-9-CM	Diagnosis
203.10	Pcl w/o mention achieved remission	ICD-9-CM	Diagnosis
203.11	Plasma cell leukemia in remission	ICD-9-CM	Diagnosis
203.12	Plasma cell leukemia in relapse	ICD-9-CM	Diagnosis
203.8	Other immunoproliferative neoplasms	ICD-9-CM	Diagnosis
203.80	Oth immunoprolif neoplasm w/o rem	ICD-9-CM	Diagnosis
203.81	Oth immunoprolif neoplsm remission	ICD-9-CM	Diagnosis
203.82	Oth immunoprolif neoplsm in relapse	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
204	Lymphoid leukemia	ICD-9-CM	Diagnosis
204.0	Acute lymphoid leukemia	ICD-9-CM	Diagnosis
204.00	All w/o mention achieved remission	ICD-9-CM	Diagnosis
204.01	Acute lymphoid leukemia remission	ICD-9-CM	Diagnosis
204.02	Acute lymphoid leukemia in relapse	ICD-9-CM	Diagnosis
204.1	Chronic lymphoid leukemia	ICD-9-CM	Diagnosis
204.10	ClI w/o mention achieved remission	ICD-9-CM	Diagnosis
204.11	Chronic lymphoid leukemia remission	ICD-9-CM	Diagnosis
204.12	Chron lymphoid leukemia in relapse	ICD-9-CM	Diagnosis
204.2	Subacute lymphoid leukemia	ICD-9-CM	Diagnosis
204.20	Subacute ll w/o achieved remission	ICD-9-CM	Diagnosis
204.21	Subacut lymphoid leukemia remission	ICD-9-CM	Diagnosis
204.22	Subacute lymphoid leukemia relapse	ICD-9-CM	Diagnosis
204.8	Other lymphoid leukemia	ICD-9-CM	Diagnosis
204.80	Oth ll w/o achieved remission	ICD-9-CM	Diagnosis
204.81	Other lymphoid leukemia remission	ICD-9-CM	Diagnosis
204.82	Other lymphoid leukemia in relapse	ICD-9-CM	Diagnosis
204.9	Unspecified lymphoid leukemia	ICD-9-CM	Diagnosis
204.90	Uns ll w/o achieved remission	ICD-9-CM	Diagnosis
204.91	Unspec lymphoid leukemia remission	ICD-9-CM	Diagnosis
204.92	Uns lymphoid leukemia in relapse	ICD-9-CM	Diagnosis
205	Myeloid leukemia	ICD-9-CM	Diagnosis
205.0	Acute myeloid leukemia	ICD-9-CM	Diagnosis
205.00	Aml w/o mention achieved remission	ICD-9-CM	Diagnosis
205.01	Acute myeloid leukemia in remission	ICD-9-CM	Diagnosis
205.02	Acute myeloid leukemia in relapse	ICD-9-CM	Diagnosis
205.1	Chronic myeloid leukemia	ICD-9-CM	Diagnosis
205.10	Cml w/o mention achieved remission	ICD-9-CM	Diagnosis
205.11	Chronic myeloid leukemia remission	ICD-9-CM	Diagnosis
205.12	Chronic myeloid leukemia in relapse	ICD-9-CM	Diagnosis
205.2	Subacute myeloid leukemia	ICD-9-CM	Diagnosis
205.20	Subacute ml w/o achieved remission	ICD-9-CM	Diagnosis
205.21	Subacute myeloid leukemia remission	ICD-9-CM	Diagnosis
205.22	Subacut myeloid leukemia in relapse	ICD-9-CM	Diagnosis
205.3	Myeloid sarcoma	ICD-9-CM	Diagnosis
205.30	Myeloid sarcoma w/o achieved rem	ICD-9-CM	Diagnosis
205.31	Myeloid sarcoma in remission	ICD-9-CM	Diagnosis
205.32	Myeloid sarcoma in relapse	ICD-9-CM	Diagnosis
205.8	Other myeloid leukemia	ICD-9-CM	Diagnosis
205.80	Oth ml w/o achieved remission	ICD-9-CM	Diagnosis



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
205.81	Other myeloid leukemia in remission	ICD-9-CM	Diagnosis
205.82	Other myeloid leukemia in relapse	ICD-9-CM	Diagnosis
205.9	Unspecified myeloid leukemia	ICD-9-CM	Diagnosis
205.90	Uns ml w/o achieved remission	ICD-9-CM	Diagnosis
205.91	Unspec myeloid leukemia remission	ICD-9-CM	Diagnosis
205.92	Uns myeloid leukemia in relapse	ICD-9-CM	Diagnosis
206	Monocytic leukemia	ICD-9-CM	Diagnosis
206.0	Acute monocytic leukemia	ICD-9-CM	Diagnosis
206.00	Aml w/o mention achieved remission	ICD-9-CM	Diagnosis
206.01	Acute monocytic leukemia remission	ICD-9-CM	Diagnosis
206.02	Acute monocytic leukemia in relapse	ICD-9-CM	Diagnosis
206.1	Chronic monocytic leukemia	ICD-9-CM	Diagnosis
206.10	Cml w/o mention achieved remission	ICD-9-CM	Diagnosis
206.11	Chron monocytic leukemia remission	ICD-9-CM	Diagnosis
206.12	Chron monocytic leukemia in relapse	ICD-9-CM	Diagnosis
206.2	Subacute monocytic leukemia	ICD-9-CM	Diagnosis
206.20	Subacute ml w/o achieved remission	ICD-9-CM	Diagnosis
206.21	Subacut monocytic leukem remission	ICD-9-CM	Diagnosis
206.22	Subacute monocytic leukemia relapse	ICD-9-CM	Diagnosis
206.8	Other monocytic leukemia	ICD-9-CM	Diagnosis
206.80	Oth ml w/o achieved remission	ICD-9-CM	Diagnosis
206.81	Other monocytic leukemia remission	ICD-9-CM	Diagnosis
206.82	Other monocytic leukemia in relapse	ICD-9-CM	Diagnosis
206.9	Unspecified monocytic leukemia	ICD-9-CM	Diagnosis
206.90	Uns ml w/o achieved remission	ICD-9-CM	Diagnosis
206.91	Unspec monocytic leukemia remission	ICD-9-CM	Diagnosis
206.92	Uns monocytic leukemia in relapse	ICD-9-CM	Diagnosis
207	Other specified leukemia	ICD-9-CM	Diagnosis
207.0	Acute erythremia&erythroleukemia	ICD-9-CM	Diagnosis
207.00	Acute erythremia & el w/o remission	ICD-9-CM	Diagnosis
207.01	Ac erythremia&erythroleukem remiss	ICD-9-CM	Diagnosis
207.02	Acute erythremia and el in relapse	ICD-9-CM	Diagnosis
207.1	Chronic erythremia	ICD-9-CM	Diagnosis
207.10	Chron erythremia w/o remission	ICD-9-CM	Diagnosis
207.11	Chronic erythremia in remission	ICD-9-CM	Diagnosis
207.12	Chronic erythremia in relapse	ICD-9-CM	Diagnosis
207.2	Megakaryocytic leukemia	ICD-9-CM	Diagnosis
207.20	Megakaryoctc leukemia w/o remission	ICD-9-CM	Diagnosis
207.21	Megakaryocytic leukemia remission	ICD-9-CM	Diagnosis
207.22	Megakaryocytic leukemia in relapse	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
207.8	Other specified leukemia	ICD-9-CM	Diagnosis
207.80	Oth spec leukemia w/o remission	ICD-9-CM	Diagnosis
207.81	Other specified leukemia remission	ICD-9-CM	Diagnosis
207.82	Other specified leukemia in relapse	ICD-9-CM	Diagnosis
208	Leukemia of unspecified cell type	ICD-9-CM	Diagnosis
208.0	Acute leukemia unspec cell type	ICD-9-CM	Diagnosis
208.00	Ac leukemia uns cell w/o remission	ICD-9-CM	Diagnosis
208.01	Acut leukem uns cell type remission	ICD-9-CM	Diagnosis
208.02	Acute leukemia uns cell in relapse	ICD-9-CM	Diagnosis
208.1	Chronic leukemia unspec cell type	ICD-9-CM	Diagnosis
208.10	Chron leukemia uns cell w/o remissn	ICD-9-CM	Diagnosis
208.11	Chrn leukem uns cell type remission	ICD-9-CM	Diagnosis
208.12	Chron leukemia uns cell in relapse	ICD-9-CM	Diagnosis
208.2	Subacute leukemia unspec cell type	ICD-9-CM	Diagnosis
208.20	Subacute leukemia uns cell w/o rem	ICD-9-CM	Diagnosis
208.21	Subac leukemia uns cell type remis	ICD-9-CM	Diagnosis
208.22	Subacute leukemia uns cell relapse	ICD-9-CM	Diagnosis
208.8	Other leukemia unspec cell type	ICD-9-CM	Diagnosis
208.80	Oth leukemia uns cell w/o remission	ICD-9-CM	Diagnosis
208.81	Oth leukem uns cell type remission	ICD-9-CM	Diagnosis
208.82	Oth leukemia uns cell in relapse	ICD-9-CM	Diagnosis
208.9	Unspecified leukemia	ICD-9-CM	Diagnosis
208.90	Uns leukemai w/o achieved remission	ICD-9-CM	Diagnosis
208.91	Unspecified leukemia in remission	ICD-9-CM	Diagnosis
208.92	Unspecified leukemia in relapse	ICD-9-CM	Diagnosis
209	Neuroendocrine tumors	ICD-9-CM	Diagnosis
209.0	Malig carcinoid tumors small intest	ICD-9-CM	Diagnosis
209.00	Mal carcinoid tumor sm intest uns	ICD-9-CM	Diagnosis
209.01	Malignant carcinoid tumor duodenum	ICD-9-CM	Diagnosis
209.02	Malignant carcinoid tumor jejunum	ICD-9-CM	Diagnosis
209.03	Malignant carcinoid tumor the ileum	ICD-9-CM	Diagnosis
209.1	Mal carcinoid appx lg intest rectum	ICD-9-CM	Diagnosis
209.10	Mal carcinoid tumor lg intest uns	ICD-9-CM	Diagnosis
209.11	Malignant carcinoid tumor appendix	ICD-9-CM	Diagnosis
209.12	Malignant carcinoid tumor cecum	ICD-9-CM	Diagnosis
209.13	Mal carcinoid tumor ascending colon	ICD-9-CM	Diagnosis
209.14	Mal carcinoid tumor transvrs colon	ICD-9-CM	Diagnosis
209.15	Malig carcinoid tumor descend colon	ICD-9-CM	Diagnosis
209.16	Malig carcinoid tumor sigmoid colon	ICD-9-CM	Diagnosis
209.17	Malignant carcinoid tumor of rectum	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
209.2	Mal carcinoid tumors oth & uns site	ICD-9-CM	Diagnosis
209.20	Mal carcinoid tumor unkn prim site	ICD-9-CM	Diagnosis
209.21	Mal carcinoid tumor bronchus & lung	ICD-9-CM	Diagnosis
209.22	Malignant carcinoid tumor thymus	ICD-9-CM	Diagnosis
209.23	Malignant carcinoid tumor stomach	ICD-9-CM	Diagnosis
209.24	Malignant carcinoid tumor of kidney	ICD-9-CM	Diagnosis
209.25	Malig carcinoid tumor foregut nos	ICD-9-CM	Diagnosis
209.26	Malig carcinoid tumor midgut nos	ICD-9-CM	Diagnosis
209.27	Malig carcinoid tumor hindgut nos	ICD-9-CM	Diagnosis
209.29	Malig carcinoid tumor other sites	ICD-9-CM	Diagnosis
209.3	Malig pd neuroendocrine tumors	ICD-9-CM	Diagnosis
209.30	Malig pd neuroendocrine ca any site	ICD-9-CM	Diagnosis
209.31	Merkel cell carcinoma of the face	ICD-9-CM	Diagnosis
209.32	Merkel cell carcinoma scalp & neck	ICD-9-CM	Diagnosis
209.33	Merkel cell carcinoma of upper limb	ICD-9-CM	Diagnosis
209.34	Merkel cell carcinoma of lower limb	ICD-9-CM	Diagnosis
209.35	Merkel cell carcinoma of the trunk	ICD-9-CM	Diagnosis
209.36	Merkel cell carcinoma of oth sites	ICD-9-CM	Diagnosis
209.4	Benign carcinoid tumrs small intest	ICD-9-CM	Diagnosis
209.40	Benign carcinoid tumr sm intest uns	ICD-9-CM	Diagnosis
209.41	Benign carcinoid tumor of duodenum	ICD-9-CM	Diagnosis
209.42	Benign carcinoid tumor of jejunum	ICD-9-CM	Diagnosis
209.43	Benign carcinoid tumor of the ileum	ICD-9-CM	Diagnosis
209.5	Benign carcinoid app lg intest rect	ICD-9-CM	Diagnosis
209.50	Benign carcinoid tumr lg intest uns	ICD-9-CM	Diagnosis
209.51	Benign carcinoid tumor of appendix	ICD-9-CM	Diagnosis
209.52	Benign carcinoid tumor of the cecum	ICD-9-CM	Diagnosis
209.53	Benign carcinoid tumor ascend colon	ICD-9-CM	Diagnosis
209.54	Benign carcinoid tumor trans colon	ICD-9-CM	Diagnosis
209.55	Benign carcinoid tumr descend colon	ICD-9-CM	Diagnosis
209.56	Benign carcinoid tumr sigmoid colon	ICD-9-CM	Diagnosis
209.57	Benign carcinoid tumor of rectum	ICD-9-CM	Diagnosis
209.6	Benign carcinoid tumr oth&uns site	ICD-9-CM	Diagnosis
209.60	Benign carcinoid tumr unk prim site	ICD-9-CM	Diagnosis
209.61	Benign carcinoid tumr bronchus lung	ICD-9-CM	Diagnosis
209.62	Benign carcinoid tumor of thymus	ICD-9-CM	Diagnosis
209.63	Benign carcinoid tumor of stomach	ICD-9-CM	Diagnosis
209.64	Benign carcinoid tumor of kidney	ICD-9-CM	Diagnosis
209.65	Benign carcinoid tumor foregut nos	ICD-9-CM	Diagnosis
209.66	Benign carcinoid tumor midgut nos	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
209.67	Benign carcinoid tumor hindgut nos	ICD-9-CM	Diagnosis
209.69	Benign carcinoid tumor other sites	ICD-9-CM	Diagnosis
209.7	Secondary neuroendocrine tumors	ICD-9-CM	Diagnosis
209.70	Sec neuroendocrn tumor unspec site	ICD-9-CM	Diagnosis
209.71	Sec neuroendocrn tumr distant nodes	ICD-9-CM	Diagnosis
209.72	Secndry neuroendocrine tumor liver	ICD-9-CM	Diagnosis
209.73	Secondary neuroendocrine tumor bone	ICD-9-CM	Diagnosis
209.74	Sec neuroendocrine tumor peritoneum	ICD-9-CM	Diagnosis
209.75	Secondary merkel cell carcinoma	ICD-9-CM	Diagnosis
209.79	Sec neuroendocrine tumor oth sites	ICD-9-CM	Diagnosis
210	Ben neoplasm lip oral cav&pharynx	ICD-9-CM	Diagnosis
210.0	Benign neoplasm of lip	ICD-9-CM	Diagnosis
210.1	Benign neoplasm of tongue	ICD-9-CM	Diagnosis
210.2	Ben neoplasm major salivary glands	ICD-9-CM	Diagnosis
210.3	Benign neoplasm of floor of mouth	ICD-9-CM	Diagnosis
210.4	Ben neoplasm oth&unspec parts mouth	ICD-9-CM	Diagnosis
210.5	Benign neoplasm of tonsil	ICD-9-CM	Diagnosis
210.6	Ben neoplasm oth parts oropharynx	ICD-9-CM	Diagnosis
210.7	Benign neoplasm of nasopharynx	ICD-9-CM	Diagnosis
210.8	Benign neoplasm of hypopharynx	ICD-9-CM	Diagnosis
210.9	Benign neoplasm pharynx unspecified	ICD-9-CM	Diagnosis
211	Ben neoplsm oth part digestv system	ICD-9-CM	Diagnosis
211.0	Benign neoplasm of esophagus	ICD-9-CM	Diagnosis
211.1	Benign neoplasm of stomach	ICD-9-CM	Diagnosis
211.2	Ben neoplasm duodenum jejunum&ileum	ICD-9-CM	Diagnosis
211.3	Benign neoplasm of colon	ICD-9-CM	Diagnosis
211.4	Benign neoplasm rectum&anal canal	ICD-9-CM	Diagnosis
211.5	Ben neoplasm liver&biliary passages	ICD-9-CM	Diagnosis
211.6	Ben neo panc no islets langerhans	ICD-9-CM	Diagnosis
211.7	Benign neoplasm islets langerhans	ICD-9-CM	Diagnosis
211.8	Ben neoplasm retroperiton&periton	ICD-9-CM	Diagnosis
211.9	Ben neo oth&uns site digestv sys	ICD-9-CM	Diagnosis
212	Ben neoplasm resp&intrathor orgn	ICD-9-CM	Diagnosis
212.0	Ben neo nasal cav mid ear & sinus	ICD-9-CM	Diagnosis
212.1	Benign neoplasm of larynx	ICD-9-CM	Diagnosis
212.2	Benign neoplasm of trachea	ICD-9-CM	Diagnosis
212.3	Benign neoplasm of bronchus&lung	ICD-9-CM	Diagnosis
212.4	Benign neoplasm of pleura	ICD-9-CM	Diagnosis
212.5	Benign neoplasm of mediastinum	ICD-9-CM	Diagnosis
212.6	Benign neoplasm of thymus	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
212.7	Benign neoplasm of heart	ICD-9-CM	Diagnosis
212.8	Ben neo oth site resp&intrathr orgn	ICD-9-CM	Diagnosis
212.9	Ben neo resp&intrathr orgn site uns	ICD-9-CM	Diagnosis
213	Ben neoplasm bone&articlr cartilage	ICD-9-CM	Diagnosis
213.0	Benign neoplasm bones skull&face	ICD-9-CM	Diagnosis
213.1	Benign neoplasm of lower jaw bone	ICD-9-CM	Diagnosis
213.2	Ben neo vert colmn not sacrm&coccyx	ICD-9-CM	Diagnosis
213.3	Ben neoplasm ribs sternum&clavicle	ICD-9-CM	Diagnosis
213.4	Ben neoplsm scap&lng bns upper limb	ICD-9-CM	Diagnosis
213.5	Ben neoplasm short bones upper limb	ICD-9-CM	Diagnosis
213.6	Ben neoplasm pelv bns sacrum&coccyx	ICD-9-CM	Diagnosis
213.7	Ben neoplasm long bones lower limb	ICD-9-CM	Diagnosis
213.8	Ben neoplasm short bones lower limb	ICD-9-CM	Diagnosis
213.9	Ben neo bn&articlr cart site uns	ICD-9-CM	Diagnosis
214	Lipoma	ICD-9-CM	Diagnosis
214.0	Lipoma skin&subcut tissue face	ICD-9-CM	Diagnosis
214.1	Lipoma oth skin&subcutaneous tissue	ICD-9-CM	Diagnosis
214.2	Lipoma of intrathoracic organs	ICD-9-CM	Diagnosis
214.3	Lipoma of intra-abdominal organs	ICD-9-CM	Diagnosis
214.4	Lipoma of spermatic cord	ICD-9-CM	Diagnosis
214.8	Lipoma of other specified sites	ICD-9-CM	Diagnosis
214.9	Lipoma of unspecified site	ICD-9-CM	Diagnosis
215	Oth ben neoplsm cnctv&oth sft tiss	ICD-9-CM	Diagnosis
215.0	Oth ben neo cnctv&oth tiss head&nck	ICD-9-CM	Diagnosis
215.2	Oth ben neo oth sft tis arm w/shldr	ICD-9-CM	Diagnosis
215.3	Oth ben neo oth sft tiss leg w/ hip	ICD-9-CM	Diagnosis
215.4	Oth ben neo cnctv&oth sft tiss thor	ICD-9-CM	Diagnosis
215.5	Oth ben neoplsm cnctv&sft tiss abd	ICD-9-CM	Diagnosis
215.6	Oth ben neo cnctv&oth sft tiss pelv	ICD-9-CM	Diagnosis
215.7	Oth ben neo cnctv&oth tiss trnk uns	ICD-9-CM	Diagnosis
215.8	Oth ben neo cnctv&oth tiss oth site	ICD-9-CM	Diagnosis
215.9	Oth ben neo cnctv&oth sft tiss	ICD-9-CM	Diagnosis
216	Benign neoplasm of skin	ICD-9-CM	Diagnosis
216.0	Benign neoplasm of skin of lip	ICD-9-CM	Diagnosis
216.1	Ben neoplasm eyelid incl canthus	ICD-9-CM	Diagnosis
216.2	Ben neoplasm ear&ext auditory canal	ICD-9-CM	Diagnosis
216.3	Ben neoplsm skn oth&unspec part fce	ICD-9-CM	Diagnosis
216.4	Benign neoplasm scalp&skin neck	ICD-9-CM	Diagnosis
216.5	Ben neoplasm skin trunk no scrotum	ICD-9-CM	Diagnosis
216.6	Ben neoplsm skn up limb incl shldr	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
216.7	Ben neoplasm skin low limb incl hip	ICD-9-CM	Diagnosis
216.8	Benign neoplasm oth spec sites skin	ICD-9-CM	Diagnosis
216.9	Benign neoplasm skin site unspec	ICD-9-CM	Diagnosis
217	Benign neoplasm of breast	ICD-9-CM	Diagnosis
218	Uterine leiomyoma	ICD-9-CM	Diagnosis
218.0	Submucous leiomyoma of uterus	ICD-9-CM	Diagnosis
218.1	Intramural leiomyoma of uterus	ICD-9-CM	Diagnosis
218.2	Subserous leiomyoma of uterus	ICD-9-CM	Diagnosis
218.9	Leiomyoma of uterus, unspecified	ICD-9-CM	Diagnosis
219	Other benign neoplasm of uterus	ICD-9-CM	Diagnosis
219.0	Benign neoplasm of cervix uteri	ICD-9-CM	Diagnosis
219.1	Benign neoplasm of corpus uteri	ICD-9-CM	Diagnosis
219.8	Ben neoplasm oth spec parts uterus	ICD-9-CM	Diagnosis
219.9	Benign neoplasm uterus part unspec	ICD-9-CM	Diagnosis
220	Benign neoplasm of ovary	ICD-9-CM	Diagnosis
221	Ben neoplasm oth fe genital organs	ICD-9-CM	Diagnosis
221.0	Ben neoplasm fallop tube&uterine lig	ICD-9-CM	Diagnosis
221.1	Benign neoplasm of vagina	ICD-9-CM	Diagnosis
221.2	Benign neoplasm of vulva	ICD-9-CM	Diagnosis
221.8	Ben neo oth spec site fe gnt orgn	ICD-9-CM	Diagnosis
221.9	Ben neoplasm fe genit orgn site uns	ICD-9-CM	Diagnosis
222	Benign neoplasm male genital organs	ICD-9-CM	Diagnosis
222.0	Benign neoplasm of testis	ICD-9-CM	Diagnosis
222.1	Benign neoplasm of penis	ICD-9-CM	Diagnosis
222.2	Benign neoplasm of prostate	ICD-9-CM	Diagnosis
222.3	Benign neoplasm of epididymis	ICD-9-CM	Diagnosis
222.4	Benign neoplasm of scrotum	ICD-9-CM	Diagnosis
222.8	Ben neo oth spec site male gnt orgn	ICD-9-CM	Diagnosis
222.9	Ben neoplasm male gnt orgn site uns	ICD-9-CM	Diagnosis
223	Ben neoplasm kidney&oth urin orgn	ICD-9-CM	Diagnosis
223.0	Ben neoplasm kidney except pelvis	ICD-9-CM	Diagnosis
223.1	Benign neoplasm of renal pelvis	ICD-9-CM	Diagnosis
223.2	Benign neoplasm of ureter	ICD-9-CM	Diagnosis
223.3	Benign neoplasm of bladder	ICD-9-CM	Diagnosis
223.8	Ben neoplasm oth spec site urin orgn	ICD-9-CM	Diagnosis
223.81	Benign neoplasm of urethra	ICD-9-CM	Diagnosis
223.89	Ben neoplasm oth spec site urin orgn	ICD-9-CM	Diagnosis
223.9	Ben neoplasm urin organ site unspec	ICD-9-CM	Diagnosis
224	Benign neoplasm of eye	ICD-9-CM	Diagnosis
224.0	Benign neoplasm eyeball	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
224.1	Benign neoplasm of orbit	ICD-9-CM	Diagnosis
224.2	Benign neoplasm of lacrimal gland	ICD-9-CM	Diagnosis
224.3	Benign neoplasm of conjunctiva	ICD-9-CM	Diagnosis
224.4	Benign neoplasm of cornea	ICD-9-CM	Diagnosis
224.5	Benign neoplasm of retina	ICD-9-CM	Diagnosis
224.6	Benign neoplasm of choroid	ICD-9-CM	Diagnosis
224.7	Benign neoplasm of lacrimal duct	ICD-9-CM	Diagnosis
224.8	Benign neoplasm oth spec parts eye	ICD-9-CM	Diagnosis
224.9	Benign neoplasm eye part unspec	ICD-9-CM	Diagnosis
225	Ben neoplsm brain&oth part nerv sys	ICD-9-CM	Diagnosis
225.0	Benign neoplasm of brain	ICD-9-CM	Diagnosis
225.1	Benign neoplasm of cranial nerves	ICD-9-CM	Diagnosis
225.2	Benign neoplasm cerebral meninges	ICD-9-CM	Diagnosis
225.3	Benign neoplasm of spinal cord	ICD-9-CM	Diagnosis
225.4	Benign neoplasm of spinal meninges	ICD-9-CM	Diagnosis
225.8	Ben neoplsm oth spec site nerv sys	ICD-9-CM	Diagnosis
225.9	Ben neoplsm nerv system part unspec	ICD-9-CM	Diagnosis
226	Benign neoplasm of thyroid glands	ICD-9-CM	Diagnosis
227	Ben neo oth endocrn gland&rel strct	ICD-9-CM	Diagnosis
227.0	Benign neoplasm of adrenal gland	ICD-9-CM	Diagnosis
227.1	Benign neoplasm parathyroid gland	ICD-9-CM	Diagnosis
227.3	Ben neo pituitry&craniophryngl duct	ICD-9-CM	Diagnosis
227.4	Benign neoplasm of pineal gland	ICD-9-CM	Diagnosis
227.5	Benign neoplasm of carotid body	ICD-9-CM	Diagnosis
227.6	Ben neo aortic bdy&oth paraganglia	ICD-9-CM	Diagnosis
227.8	Ben neo oth endocrn gland&rel strct	ICD-9-CM	Diagnosis
227.9	Ben neoplsm endocrn gland site unsp	ICD-9-CM	Diagnosis
228	Hemangioma&lymphangioma any site	ICD-9-CM	Diagnosis
228.0	Hemangioma, any site	ICD-9-CM	Diagnosis
228.00	Hemangioma of unspecified site	ICD-9-CM	Diagnosis
228.01	Hemangioma skin&subcutaneous tissue	ICD-9-CM	Diagnosis
228.02	Hemangioma intracranial structures	ICD-9-CM	Diagnosis
228.03	Hemangioma of retina	ICD-9-CM	Diagnosis
228.04	Hemangioma intra-abd structures	ICD-9-CM	Diagnosis
228.09	Hemangioma of other sites	ICD-9-CM	Diagnosis
228.1	Lymphangioma, any site	ICD-9-CM	Diagnosis
229	Benign neoplasm other&unspec sites	ICD-9-CM	Diagnosis
229.0	Benign neoplasm of lymph nodes	ICD-9-CM	Diagnosis
229.8	Benign neoplasm other spec sites	ICD-9-CM	Diagnosis
229.9	Benign neoplasm of unspecified site	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
230	Carcinoma situ of digestive organs	ICD-9-CM	Diagnosis
230.0	Ca situ lip oral cavity&pharynx	ICD-9-CM	Diagnosis
230.1	Carcinoma in situ of esophagus	ICD-9-CM	Diagnosis
230.2	Carcinoma in situ of stomach	ICD-9-CM	Diagnosis
230.3	Carcinoma in situ of colon	ICD-9-CM	Diagnosis
230.4	Carcinoma in situ of rectum	ICD-9-CM	Diagnosis
230.5	Carcinoma in situ of anal canal	ICD-9-CM	Diagnosis
230.6	Carcinoma situ of anus unspecified	ICD-9-CM	Diagnosis
230.7	Ca situ oth&unspec parts intestine	ICD-9-CM	Diagnosis
230.8	Carcinoma situ liver&biliary system	ICD-9-CM	Diagnosis
230.9	Ca situ oth&unspec digestive organs	ICD-9-CM	Diagnosis
231	Carcinoma situ respiratory system	ICD-9-CM	Diagnosis
231.0	Carcinoma in situ of larynx	ICD-9-CM	Diagnosis
231.1	Carcinoma in situ of trachea	ICD-9-CM	Diagnosis
231.2	Carcinoma in situ of bronchus&lung	ICD-9-CM	Diagnosis
231.8	Ca situ oth spec parts resp system	ICD-9-CM	Diagnosis
231.9	Ca situ resp system part unspec	ICD-9-CM	Diagnosis
232	Carcinoma in situ of skin	ICD-9-CM	Diagnosis
232.0	Carcinoma in situ of skin of lip	ICD-9-CM	Diagnosis
232.1	Ca situ eyelid including canthus	ICD-9-CM	Diagnosis
232.2	Ca situ skin ear&ext audity canal	ICD-9-CM	Diagnosis
232.3	Ca situ skin oth&unspec parts face	ICD-9-CM	Diagnosis
232.4	Carcinoma situ scalp&skin neck	ICD-9-CM	Diagnosis
232.5	Ca situ skin trunk except scrotum	ICD-9-CM	Diagnosis
232.6	Ca situ skin upper limb incl shldr	ICD-9-CM	Diagnosis
232.7	Ca situ skin lower limb incl hip	ICD-9-CM	Diagnosis
232.8	Carcinoma situ oth spec sites skin	ICD-9-CM	Diagnosis
232.9	Carcinoma situ skin site unspec	ICD-9-CM	Diagnosis
233	Ca situ breast&genitourinary system	ICD-9-CM	Diagnosis
233.0	Carcinoma in situ of breast	ICD-9-CM	Diagnosis
233.1	Carcinoma in situ of cervix uteri	ICD-9-CM	Diagnosis
233.2	Ca situ oth&unspec parts uterus	ICD-9-CM	Diagnosis
233.3	Ca situ oth&unspec fe genital orgn	ICD-9-CM	Diagnosis
233.30	Ca in situ uns female genital organ	ICD-9-CM	Diagnosis
233.31	Carcinoma in situ vagina	ICD-9-CM	Diagnosis
233.32	Carcinoma in situ vulva	ICD-9-CM	Diagnosis
233.39	Ca in situ oth female genital organ	ICD-9-CM	Diagnosis
233.4	Carcinoma in situ of prostate	ICD-9-CM	Diagnosis
233.5	Carcinoma in situ of penis	ICD-9-CM	Diagnosis
233.6	Ca situ oth&unspec male genit orgn	ICD-9-CM	Diagnosis



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
233.7	Carcinoma in situ of bladder	ICD-9-CM	Diagnosis
233.9	Ca situ oth&unspec urinary organs	ICD-9-CM	Diagnosis
234	Carcinoma situ other&unspec sites	ICD-9-CM	Diagnosis
234.0	Carcinoma in situ of eye	ICD-9-CM	Diagnosis
234.8	Carcinoma situ other spec sites	ICD-9-CM	Diagnosis
234.9	Carcinoma in situ, site unspecified	ICD-9-CM	Diagnosis
235	Neoplsm uncert bhv digestv&resp sys	ICD-9-CM	Diagnosis
235.0	Neoplsm uncert bhv maj saliv gland	ICD-9-CM	Diagnosis
235.1	Neo uncert bhv lip orl cav&pharynx	ICD-9-CM	Diagnosis
235.2	Neo uncert bhv stomach intest&rect	ICD-9-CM	Diagnosis
235.3	Neo uncert bhv liver&bili passages	ICD-9-CM	Diagnosis
235.4	Neo uncert bhv retroperiton&periton	ICD-9-CM	Diagnosis
235.5	Neo uncert bhv oth&uns digestv orgn	ICD-9-CM	Diagnosis
235.6	Neoplasm uncertain behavior larynx	ICD-9-CM	Diagnosis
235.7	Neo uncert bhv trach bronchus&lung	ICD-9-CM	Diagnosis
235.8	Neo uncert bhv pleu thymus&mediast	ICD-9-CM	Diagnosis
235.9	Neo uncert bhv oth&uns resp orgn	ICD-9-CM	Diagnosis
236	Neoplasm uncertain behavior gu orgn	ICD-9-CM	Diagnosis
236.0	Neoplasm uncertain behavior uterus	ICD-9-CM	Diagnosis
236.1	Neoplasm uncertain bhv placenta	ICD-9-CM	Diagnosis
236.2	Neoplasm uncertain behavior ovary	ICD-9-CM	Diagnosis
236.3	Neo uncert bhv oth&uns fe gnt orgn	ICD-9-CM	Diagnosis
236.4	Neoplasm uncertain behavior testis	ICD-9-CM	Diagnosis
236.5	Neoplasm uncertain behavior pros	ICD-9-CM	Diagnosis
236.6	Neo uncert bhv uns male gnt orgn	ICD-9-CM	Diagnosis
236.7	Neoplasm uncertain behavior bladder	ICD-9-CM	Diagnosis
236.9	Neo uncert bhv oth&uns urin orgn	ICD-9-CM	Diagnosis
236.90	Neoplsm uncert bhv urin orgn unspec	ICD-9-CM	Diagnosis
236.91	Neoplsm uncertain bhv kidney&ureter	ICD-9-CM	Diagnosis
236.99	Neo uncert bhv oth&uns urin orgn	ICD-9-CM	Diagnosis
237	Neo uncert bhv endocrn gland&nrv sys	ICD-9-CM	Diagnosis
237.0	Neo uncert bhv pituitary gland	ICD-9-CM	Diagnosis
237.1	Neoplasm uncertain bhv pineal gland	ICD-9-CM	Diagnosis
237.2	Neoplsm uncertain bhv adrenal gland	ICD-9-CM	Diagnosis
237.3	Neoplasm uncertain bhv paraganglia	ICD-9-CM	Diagnosis
237.4	Neo uncert bhv oth&uns endocrn gland	ICD-9-CM	Diagnosis
237.5	Neoplsm uncertain bhv brain&sp cord	ICD-9-CM	Diagnosis
237.6	Neoplasm uncertain bhv meninges	ICD-9-CM	Diagnosis
237.7	Neurofibromatosis	ICD-9-CM	Diagnosis
237.70	Neurofibromatosis, unspecified	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
237.71	Neurofibromatosis, type 1	ICD-9-CM	Diagnosis
237.72	Neurofibromatosis, type 2	ICD-9-CM	Diagnosis
237.73	Schwannomatosis	ICD-9-CM	Diagnosis
237.79	Other neurofibromatosis	ICD-9-CM	Diagnosis
237.9	Neo uncert bhv oth&uns part nrv sys	ICD-9-CM	Diagnosis
238	Neo uncert bhv oth&uns site&tiss	ICD-9-CM	Diagnosis
238.0	Neopls m uncert bhv bn&articlr cart	ICD-9-CM	Diagnosis
238.1	Neo uncert bhv cnctv&oth sft tiss	ICD-9-CM	Diagnosis
238.2	Neoplasm uncertain behavior skin	ICD-9-CM	Diagnosis
238.3	Neoplasm uncertain behavior breast	ICD-9-CM	Diagnosis
238.4	Neo uncert bhv polycythemia vera	ICD-9-CM	Diagnosis
238.5	Neo uncert bhv histcyt&mast cells	ICD-9-CM	Diagnosis
238.6	Neoplasm uncertain bhv plasma cells	ICD-9-CM	Diagnosis
238.7	Neo uncert bhv oth lymph&hematopot	ICD-9-CM	Diagnosis
238.71	Essential thrombocythemia	ICD-9-CM	Diagnosis
238.72	Lw grade myelodysplstc syndrome les	ICD-9-CM	Diagnosis
238.73	High grade myelodysplstc synd les	ICD-9-CM	Diagnosis
238.74	Myelodysplastic syndrome w/5q del	ICD-9-CM	Diagnosis
238.75	Myelodysplastic syndrome unspec	ICD-9-CM	Diagnosis
238.76	Myelofibrosis w/myeloid metaplasia	ICD-9-CM	Diagnosis
238.77	Post-transplant lymphoprolif d/o	ICD-9-CM	Diagnosis
238.79	Oth lymphatic&hematopoietic tissues	ICD-9-CM	Diagnosis
238.8	Neopls m uncertain bhv oth spec site	ICD-9-CM	Diagnosis
238.9	Neoplasm uncertain bhv site unspec	ICD-9-CM	Diagnosis
239	Neoplasms of unspecified nature	ICD-9-CM	Diagnosis
239.0	Neoplasm unspec natr digestv system	ICD-9-CM	Diagnosis
239.1	Neoplasm unspec nature resp system	ICD-9-CM	Diagnosis
239.2	Neopls m unspec natr bn sft tiss&skn	ICD-9-CM	Diagnosis
239.3	Neoplasm unspecified nature breast	ICD-9-CM	Diagnosis
239.4	Neoplasm unspecified nature bladder	ICD-9-CM	Diagnosis
239.5	Neoplasm unspec nature oth gu orgn	ICD-9-CM	Diagnosis
239.6	Neoplasm unspecified nature brain	ICD-9-CM	Diagnosis
239.7	Neo uns natur endocrne&oth nerv sys	ICD-9-CM	Diagnosis
239.8	Neoplasm unspec natr oth spec sites	ICD-9-CM	Diagnosis
239.81	Neopls ms uns natr retina & choroid	ICD-9-CM	Diagnosis
239.89	Neopls m unspec natr oth spec sites	ICD-9-CM	Diagnosis
239.9	Neoplasm unspec nature site unspec	ICD-9-CM	Diagnosis
V66.2	Convalescence and palliative care following chemotherapy	ICD-9-CM	Diagnosis
V67.2	Follow up examination following chemotherapy	ICD-9-CM	Diagnosis
V58.1	Cancer chemotherapy treatment	ICD-9-CM	Diagnosis

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
V58.0	Radiation therapy	ICD-9-CM	Diagnosis
V66.1	Radiation therapy	CPT-4	Procedure
77401	Radiation therapy	CPT-4	Procedure
77402	Radiation therapy	CPT-4	Procedure
77403	Radiation therapy	CPT-4	Procedure
77404	Radiation therapy	CPT-4	Procedure
77405	Radiation therapy	CPT-4	Procedure
77406	Radiation therapy	CPT-4	Procedure
77407	Radiation therapy	CPT-4	Procedure
77408	Radiation therapy	CPT-4	Procedure
77409	Radiation therapy	CPT-4	Procedure
77410	Radiation therapy	CPT-4	Procedure
77411	Radiation therapy	CPT-4	Procedure
77412	Radiation therapy	CPT-4	Procedure
77413	Radiation therapy	CPT-4	Procedure
77414	Radiation therapy	CPT-4	Procedure
77415	Radiation therapy	CPT-4	Procedure
77416	Radiation therapy	CPT-4	Procedure
77417	Radiation therapy	CPT-4	Procedure
77418	Radiation therapy	CPT-4	Procedure
77419	Radiation therapy	CPT-4	Procedure
77420	Radiation therapy	CPT-4	Procedure
77421	Radiation therapy	CPT-4	Procedure
77422	Radiation therapy	CPT-4	Procedure
77423	Radiation therapy	CPT-4	Procedure
77424	Radiation therapy	CPT-4	Procedure
77425	Radiation therapy	CPT-4	Procedure
77426	Radiation therapy	CPT-4	Procedure
77427	Radiation therapy	CPT-4	Procedure
77428	Radiation therapy	CPT-4	Procedure
77429	Radiation therapy	CPT-4	Procedure
77430	Radiation therapy	CPT-4	Procedure
77431	Radiation therapy	CPT-4	Procedure
77432	Radiation therapy	CPT-4	Procedure
77433	Radiation therapy	CPT-4	Procedure
77434	Radiation therapy	CPT-4	Procedure
77435	Radiation therapy	CPT-4	Procedure
77436	Radiation therapy	CPT-4	Procedure
77437	Radiation therapy	CPT-4	Procedure
77438	Radiation therapy	CPT-4	Procedure
77439	Radiation therapy	CPT-4	Procedure
77440	Radiation therapy	CPT-4	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
77441	Radiation therapy	CPT-4	Procedure
77442	Radiation therapy	CPT-4	Procedure
77443	Radiation therapy	CPT-4	Procedure
77444	Radiation therapy	CPT-4	Procedure
77445	Radiation therapy	CPT-4	Procedure
77446	Radiation therapy	CPT-4	Procedure
77447	Radiation therapy	CPT-4	Procedure
77448	Radiation therapy	CPT-4	Procedure
77449	Radiation therapy	CPT-4	Procedure
77450	Radiation therapy	CPT-4	Procedure
77451	Radiation therapy	CPT-4	Procedure
77452	Radiation therapy	CPT-4	Procedure
77453	Radiation therapy	CPT-4	Procedure
77454	Radiation therapy	CPT-4	Procedure
77455	Radiation therapy	CPT-4	Procedure
77456	Radiation therapy	CPT-4	Procedure
77457	Radiation therapy	CPT-4	Procedure
77458	Radiation therapy	CPT-4	Procedure
77459	Radiation therapy	CPT-4	Procedure
77460	Radiation therapy	CPT-4	Procedure
77461	Radiation therapy	CPT-4	Procedure
77462	Radiation therapy	CPT-4	Procedure
77463	Radiation therapy	CPT-4	Procedure
77464	Radiation therapy	CPT-4	Procedure
77465	Radiation therapy	CPT-4	Procedure
77466	Radiation therapy	CPT-4	Procedure
77467	Radiation therapy	CPT-4	Procedure
77468	Radiation therapy	CPT-4	Procedure
77469	Radiation therapy	CPT-4	Procedure
77470	Radiation therapy	CPT-4	Procedure
77471	Radiation therapy	CPT-4	Procedure
77472	Radiation therapy	CPT-4	Procedure
77473	Radiation therapy	CPT-4	Procedure
77474	Radiation therapy	CPT-4	Procedure
77475	Radiation therapy	CPT-4	Procedure
77476	Radiation therapy	CPT-4	Procedure
77477	Radiation therapy	CPT-4	Procedure
77478	Radiation therapy	CPT-4	Procedure
77479	Radiation therapy	CPT-4	Procedure
77480	Radiation therapy	CPT-4	Procedure
77481	Radiation therapy	CPT-4	Procedure
77482	Radiation therapy	CPT-4	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
77483	Radiation therapy	CPT-4	Procedure
77484	Radiation therapy	CPT-4	Procedure
77485	Radiation therapy	CPT-4	Procedure
77486	Radiation therapy	CPT-4	Procedure
77487	Radiation therapy	CPT-4	Procedure
77488	Radiation therapy	CPT-4	Procedure
77489	Radiation therapy	CPT-4	Procedure
77490	Radiation therapy	CPT-4	Procedure
77491	Radiation therapy	CPT-4	Procedure
77492	Radiation therapy	CPT-4	Procedure
77493	Radiation therapy	CPT-4	Procedure
77494	Radiation therapy	CPT-4	Procedure
77495	Radiation therapy	CPT-4	Procedure
77496	Radiation therapy	CPT-4	Procedure
77497	Radiation therapy	CPT-4	Procedure
77498	Radiation therapy	CPT-4	Procedure
77499	Radiation therapy	CPT-4	Procedure
77520	Radiation therapy	CPT-4	Procedure
77523	Radiation therapy	CPT-4	Procedure
77750	Radiation therapy	CPT-4	Procedure
77751	Radiation therapy	CPT-4	Procedure
77752	Radiation therapy	CPT-4	Procedure
77753	Radiation therapy	CPT-4	Procedure
77754	Radiation therapy	CPT-4	Procedure
77755	Radiation therapy	CPT-4	Procedure
77756	Radiation therapy	CPT-4	Procedure
77757	Radiation therapy	CPT-4	Procedure
77758	Radiation therapy	CPT-4	Procedure
77759	Radiation therapy	CPT-4	Procedure
77760	Radiation therapy	CPT-4	Procedure
77761	Radiation therapy	CPT-4	Procedure
77762	Radiation therapy	CPT-4	Procedure
77763	Radiation therapy	CPT-4	Procedure
77764	Radiation therapy	CPT-4	Procedure
77765	Radiation therapy	CPT-4	Procedure
77766	Radiation therapy	CPT-4	Procedure
77767	Radiation therapy	CPT-4	Procedure
77768	Radiation therapy	CPT-4	Procedure
77769	Radiation therapy	CPT-4	Procedure
77770	Radiation therapy	CPT-4	Procedure
77771	Radiation therapy	CPT-4	Procedure
77772	Radiation therapy	CPT-4	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
77773	Radiation therapy	CPT-4	Procedure
77774	Radiation therapy	CPT-4	Procedure
77775	Radiation therapy	CPT-4	Procedure
77776	Radiation therapy	CPT-4	Procedure
77777	Radiation therapy	CPT-4	Procedure
77778	Radiation therapy	CPT-4	Procedure
77779	Radiation therapy	CPT-4	Procedure
77780	Radiation therapy	CPT-4	Procedure
77781	Radiation therapy	CPT-4	Procedure
77782	Radiation therapy	CPT-4	Procedure
77783	Radiation therapy	CPT-4	Procedure
77784	Radiation therapy	CPT-4	Procedure
77785	Radiation therapy	CPT-4	Procedure
77786	Radiation therapy	CPT-4	Procedure
77787	Radiation therapy	CPT-4	Procedure
77788	Radiation therapy	CPT-4	Procedure
77789	Radiation therapy	CPT-4	Procedure
77790	Radiation therapy	CPT-4	Procedure
77791	Radiation therapy	CPT-4	Procedure
77792	Radiation therapy	CPT-4	Procedure
77793	Radiation therapy	CPT-4	Procedure
77794	Radiation therapy	CPT-4	Procedure
77795	Radiation therapy	CPT-4	Procedure
77796	Radiation therapy	CPT-4	Procedure
77797	Radiation therapy	CPT-4	Procedure
77798	Radiation therapy	CPT-4	Procedure
77799	Radiation therapy	CPT-4	Procedure
J9000	Cancer chemotherapy treatment	HCPCS	Procedure
J9001	Cancer chemotherapy treatment	HCPCS	Procedure
J9002	Cancer chemotherapy treatment	HCPCS	Procedure
J9003	Cancer chemotherapy treatment	HCPCS	Procedure
J9004	Cancer chemotherapy treatment	HCPCS	Procedure
J9005	Cancer chemotherapy treatment	HCPCS	Procedure
J9006	Cancer chemotherapy treatment	HCPCS	Procedure
J9007	Cancer chemotherapy treatment	HCPCS	Procedure
J9008	Cancer chemotherapy treatment	HCPCS	Procedure
J9009	Cancer chemotherapy treatment	HCPCS	Procedure
J9010	Cancer chemotherapy treatment	HCPCS	Procedure
J9011	Cancer chemotherapy treatment	HCPCS	Procedure
J9012	Cancer chemotherapy treatment	HCPCS	Procedure
J9013	Cancer chemotherapy treatment	HCPCS	Procedure
J9014	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9015	Cancer chemotherapy treatment	HCPCS	Procedure
J9016	Cancer chemotherapy treatment	HCPCS	Procedure
J9017	Cancer chemotherapy treatment	HCPCS	Procedure
J9018	Cancer chemotherapy treatment	HCPCS	Procedure
J9019	Cancer chemotherapy treatment	HCPCS	Procedure
J9020	Cancer chemotherapy treatment	HCPCS	Procedure
J9021	Cancer chemotherapy treatment	HCPCS	Procedure
J9022	Cancer chemotherapy treatment	HCPCS	Procedure
J9023	Cancer chemotherapy treatment	HCPCS	Procedure
J9024	Cancer chemotherapy treatment	HCPCS	Procedure
J9025	Cancer chemotherapy treatment	HCPCS	Procedure
J9026	Cancer chemotherapy treatment	HCPCS	Procedure
J9027	Cancer chemotherapy treatment	HCPCS	Procedure
J9028	Cancer chemotherapy treatment	HCPCS	Procedure
J9029	Cancer chemotherapy treatment	HCPCS	Procedure
J9030	Cancer chemotherapy treatment	HCPCS	Procedure
J9031	Cancer chemotherapy treatment	HCPCS	Procedure
J9032	Cancer chemotherapy treatment	HCPCS	Procedure
J9033	Cancer chemotherapy treatment	HCPCS	Procedure
J9034	Cancer chemotherapy treatment	HCPCS	Procedure
J9035	Cancer chemotherapy treatment	HCPCS	Procedure
J9036	Cancer chemotherapy treatment	HCPCS	Procedure
J9037	Cancer chemotherapy treatment	HCPCS	Procedure
J9038	Cancer chemotherapy treatment	HCPCS	Procedure
J9039	Cancer chemotherapy treatment	HCPCS	Procedure
J9040	Cancer chemotherapy treatment	HCPCS	Procedure
J9041	Cancer chemotherapy treatment	HCPCS	Procedure
J9042	Cancer chemotherapy treatment	HCPCS	Procedure
J9043	Cancer chemotherapy treatment	HCPCS	Procedure
J9044	Cancer chemotherapy treatment	HCPCS	Procedure
J9045	Cancer chemotherapy treatment	HCPCS	Procedure
J9046	Cancer chemotherapy treatment	HCPCS	Procedure
J9047	Cancer chemotherapy treatment	HCPCS	Procedure
J9048	Cancer chemotherapy treatment	HCPCS	Procedure
J9049	Cancer chemotherapy treatment	HCPCS	Procedure
J9050	Cancer chemotherapy treatment	HCPCS	Procedure
J9051	Cancer chemotherapy treatment	HCPCS	Procedure
J9052	Cancer chemotherapy treatment	HCPCS	Procedure
J9053	Cancer chemotherapy treatment	HCPCS	Procedure
J9054	Cancer chemotherapy treatment	HCPCS	Procedure
J9055	Cancer chemotherapy treatment	HCPCS	Procedure
J9056	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9057	Cancer chemotherapy treatment	HCPCS	Procedure
J9058	Cancer chemotherapy treatment	HCPCS	Procedure
J9059	Cancer chemotherapy treatment	HCPCS	Procedure
J9060	Cancer chemotherapy treatment	HCPCS	Procedure
J9061	Cancer chemotherapy treatment	HCPCS	Procedure
J9062	Cancer chemotherapy treatment	HCPCS	Procedure
J9063	Cancer chemotherapy treatment	HCPCS	Procedure
J9064	Cancer chemotherapy treatment	HCPCS	Procedure
J9065	Cancer chemotherapy treatment	HCPCS	Procedure
J9066	Cancer chemotherapy treatment	HCPCS	Procedure
J9067	Cancer chemotherapy treatment	HCPCS	Procedure
J9068	Cancer chemotherapy treatment	HCPCS	Procedure
J9069	Cancer chemotherapy treatment	HCPCS	Procedure
J9070	Cancer chemotherapy treatment	HCPCS	Procedure
J9071	Cancer chemotherapy treatment	HCPCS	Procedure
J9072	Cancer chemotherapy treatment	HCPCS	Procedure
J9073	Cancer chemotherapy treatment	HCPCS	Procedure
J9074	Cancer chemotherapy treatment	HCPCS	Procedure
J9075	Cancer chemotherapy treatment	HCPCS	Procedure
J9076	Cancer chemotherapy treatment	HCPCS	Procedure
J9077	Cancer chemotherapy treatment	HCPCS	Procedure
J9078	Cancer chemotherapy treatment	HCPCS	Procedure
J9079	Cancer chemotherapy treatment	HCPCS	Procedure
J9080	Cancer chemotherapy treatment	HCPCS	Procedure
J9081	Cancer chemotherapy treatment	HCPCS	Procedure
J9082	Cancer chemotherapy treatment	HCPCS	Procedure
J9083	Cancer chemotherapy treatment	HCPCS	Procedure
J9084	Cancer chemotherapy treatment	HCPCS	Procedure
J9085	Cancer chemotherapy treatment	HCPCS	Procedure
J9086	Cancer chemotherapy treatment	HCPCS	Procedure
J9087	Cancer chemotherapy treatment	HCPCS	Procedure
J9088	Cancer chemotherapy treatment	HCPCS	Procedure
J9089	Cancer chemotherapy treatment	HCPCS	Procedure
J9090	Cancer chemotherapy treatment	HCPCS	Procedure
J9091	Cancer chemotherapy treatment	HCPCS	Procedure
J9092	Cancer chemotherapy treatment	HCPCS	Procedure
J9093	Cancer chemotherapy treatment	HCPCS	Procedure
J9094	Cancer chemotherapy treatment	HCPCS	Procedure
J9095	Cancer chemotherapy treatment	HCPCS	Procedure
J9096	Cancer chemotherapy treatment	HCPCS	Procedure
J9097	Cancer chemotherapy treatment	HCPCS	Procedure
J9098	Cancer chemotherapy treatment	HCPCS	Procedure



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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9099	Cancer chemotherapy treatment	HCPCS	Procedure
J9100	Cancer chemotherapy treatment	HCPCS	Procedure
J9101	Cancer chemotherapy treatment	HCPCS	Procedure
J9102	Cancer chemotherapy treatment	HCPCS	Procedure
J9103	Cancer chemotherapy treatment	HCPCS	Procedure
J9104	Cancer chemotherapy treatment	HCPCS	Procedure
J9105	Cancer chemotherapy treatment	HCPCS	Procedure
J9106	Cancer chemotherapy treatment	HCPCS	Procedure
J9107	Cancer chemotherapy treatment	HCPCS	Procedure
J9108	Cancer chemotherapy treatment	HCPCS	Procedure
J9109	Cancer chemotherapy treatment	HCPCS	Procedure
J9110	Cancer chemotherapy treatment	HCPCS	Procedure
J9111	Cancer chemotherapy treatment	HCPCS	Procedure
J9112	Cancer chemotherapy treatment	HCPCS	Procedure
J9113	Cancer chemotherapy treatment	HCPCS	Procedure
J9114	Cancer chemotherapy treatment	HCPCS	Procedure
J9115	Cancer chemotherapy treatment	HCPCS	Procedure
J9116	Cancer chemotherapy treatment	HCPCS	Procedure
J9117	Cancer chemotherapy treatment	HCPCS	Procedure
J9118	Cancer chemotherapy treatment	HCPCS	Procedure
J9119	Cancer chemotherapy treatment	HCPCS	Procedure
J9120	Cancer chemotherapy treatment	HCPCS	Procedure
J9121	Cancer chemotherapy treatment	HCPCS	Procedure
J9122	Cancer chemotherapy treatment	HCPCS	Procedure
J9123	Cancer chemotherapy treatment	HCPCS	Procedure
J9124	Cancer chemotherapy treatment	HCPCS	Procedure
J9125	Cancer chemotherapy treatment	HCPCS	Procedure
J9126	Cancer chemotherapy treatment	HCPCS	Procedure
J9127	Cancer chemotherapy treatment	HCPCS	Procedure
J9128	Cancer chemotherapy treatment	HCPCS	Procedure
J9129	Cancer chemotherapy treatment	HCPCS	Procedure
J9130	Cancer chemotherapy treatment	HCPCS	Procedure
J9131	Cancer chemotherapy treatment	HCPCS	Procedure
J9132	Cancer chemotherapy treatment	HCPCS	Procedure
J9133	Cancer chemotherapy treatment	HCPCS	Procedure
J9134	Cancer chemotherapy treatment	HCPCS	Procedure
J9135	Cancer chemotherapy treatment	HCPCS	Procedure
J9136	Cancer chemotherapy treatment	HCPCS	Procedure
J9137	Cancer chemotherapy treatment	HCPCS	Procedure
J9138	Cancer chemotherapy treatment	HCPCS	Procedure
J9139	Cancer chemotherapy treatment	HCPCS	Procedure
J9140	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9141	Cancer chemotherapy treatment	HCPCS	Procedure
J9142	Cancer chemotherapy treatment	HCPCS	Procedure
J9143	Cancer chemotherapy treatment	HCPCS	Procedure
J9144	Cancer chemotherapy treatment	HCPCS	Procedure
J9145	Cancer chemotherapy treatment	HCPCS	Procedure
J9146	Cancer chemotherapy treatment	HCPCS	Procedure
J9147	Cancer chemotherapy treatment	HCPCS	Procedure
J9148	Cancer chemotherapy treatment	HCPCS	Procedure
J9149	Cancer chemotherapy treatment	HCPCS	Procedure
J9150	Cancer chemotherapy treatment	HCPCS	Procedure
J9151	Cancer chemotherapy treatment	HCPCS	Procedure
J9152	Cancer chemotherapy treatment	HCPCS	Procedure
J9153	Cancer chemotherapy treatment	HCPCS	Procedure
J9154	Cancer chemotherapy treatment	HCPCS	Procedure
J9155	Cancer chemotherapy treatment	HCPCS	Procedure
J9156	Cancer chemotherapy treatment	HCPCS	Procedure
J9157	Cancer chemotherapy treatment	HCPCS	Procedure
J9158	Cancer chemotherapy treatment	HCPCS	Procedure
J9159	Cancer chemotherapy treatment	HCPCS	Procedure
J9160	Cancer chemotherapy treatment	HCPCS	Procedure
J9161	Cancer chemotherapy treatment	HCPCS	Procedure
J9162	Cancer chemotherapy treatment	HCPCS	Procedure
J9163	Cancer chemotherapy treatment	HCPCS	Procedure
J9164	Cancer chemotherapy treatment	HCPCS	Procedure
J9165	Cancer chemotherapy treatment	HCPCS	Procedure
J9166	Cancer chemotherapy treatment	HCPCS	Procedure
J9167	Cancer chemotherapy treatment	HCPCS	Procedure
J9168	Cancer chemotherapy treatment	HCPCS	Procedure
J9169	Cancer chemotherapy treatment	HCPCS	Procedure
J9170	Cancer chemotherapy treatment	HCPCS	Procedure
J9171	Cancer chemotherapy treatment	HCPCS	Procedure
J9172	Cancer chemotherapy treatment	HCPCS	Procedure
J9173	Cancer chemotherapy treatment	HCPCS	Procedure
J9174	Cancer chemotherapy treatment	HCPCS	Procedure
J9175	Cancer chemotherapy treatment	HCPCS	Procedure
J9176	Cancer chemotherapy treatment	HCPCS	Procedure
J9177	Cancer chemotherapy treatment	HCPCS	Procedure
J9178	Cancer chemotherapy treatment	HCPCS	Procedure
J9179	Cancer chemotherapy treatment	HCPCS	Procedure
J9180	Cancer chemotherapy treatment	HCPCS	Procedure
J9181	Cancer chemotherapy treatment	HCPCS	Procedure
J9182	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9183	Cancer chemotherapy treatment	HCPCS	Procedure
J9184	Cancer chemotherapy treatment	HCPCS	Procedure
J9185	Cancer chemotherapy treatment	HCPCS	Procedure
J9186	Cancer chemotherapy treatment	HCPCS	Procedure
J9187	Cancer chemotherapy treatment	HCPCS	Procedure
J9188	Cancer chemotherapy treatment	HCPCS	Procedure
J9189	Cancer chemotherapy treatment	HCPCS	Procedure
J9190	Cancer chemotherapy treatment	HCPCS	Procedure
J9191	Cancer chemotherapy treatment	HCPCS	Procedure
J9192	Cancer chemotherapy treatment	HCPCS	Procedure
J9193	Cancer chemotherapy treatment	HCPCS	Procedure
J9194	Cancer chemotherapy treatment	HCPCS	Procedure
J9195	Cancer chemotherapy treatment	HCPCS	Procedure
J9196	Cancer chemotherapy treatment	HCPCS	Procedure
J9197	Cancer chemotherapy treatment	HCPCS	Procedure
J9198	Cancer chemotherapy treatment	HCPCS	Procedure
J9199	Cancer chemotherapy treatment	HCPCS	Procedure
J9200	Cancer chemotherapy treatment	HCPCS	Procedure
J9201	Cancer chemotherapy treatment	HCPCS	Procedure
J9202	Cancer chemotherapy treatment	HCPCS	Procedure
J9203	Cancer chemotherapy treatment	HCPCS	Procedure
J9204	Cancer chemotherapy treatment	HCPCS	Procedure
J9205	Cancer chemotherapy treatment	HCPCS	Procedure
J9206	Cancer chemotherapy treatment	HCPCS	Procedure
J9207	Cancer chemotherapy treatment	HCPCS	Procedure
J9208	Cancer chemotherapy treatment	HCPCS	Procedure
J9209	Cancer chemotherapy treatment	HCPCS	Procedure
J9210	Cancer chemotherapy treatment	HCPCS	Procedure
J9211	Cancer chemotherapy treatment	HCPCS	Procedure
J9212	Cancer chemotherapy treatment	HCPCS	Procedure
J9213	Cancer chemotherapy treatment	HCPCS	Procedure
J9214	Cancer chemotherapy treatment	HCPCS	Procedure
J9215	Cancer chemotherapy treatment	HCPCS	Procedure
J9216	Cancer chemotherapy treatment	HCPCS	Procedure
J9217	Cancer chemotherapy treatment	HCPCS	Procedure
J9218	Cancer chemotherapy treatment	HCPCS	Procedure
J9219	Cancer chemotherapy treatment	HCPCS	Procedure
J9220	Cancer chemotherapy treatment	HCPCS	Procedure
J9221	Cancer chemotherapy treatment	HCPCS	Procedure
J9222	Cancer chemotherapy treatment	HCPCS	Procedure
J9223	Cancer chemotherapy treatment	HCPCS	Procedure
J9224	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9225	Cancer chemotherapy treatment	HCPCS	Procedure
J9226	Cancer chemotherapy treatment	HCPCS	Procedure
J9227	Cancer chemotherapy treatment	HCPCS	Procedure
J9228	Cancer chemotherapy treatment	HCPCS	Procedure
J9229	Cancer chemotherapy treatment	HCPCS	Procedure
J9230	Cancer chemotherapy treatment	HCPCS	Procedure
J9231	Cancer chemotherapy treatment	HCPCS	Procedure
J9232	Cancer chemotherapy treatment	HCPCS	Procedure
J9233	Cancer chemotherapy treatment	HCPCS	Procedure
J9234	Cancer chemotherapy treatment	HCPCS	Procedure
J9235	Cancer chemotherapy treatment	HCPCS	Procedure
J9236	Cancer chemotherapy treatment	HCPCS	Procedure
J9237	Cancer chemotherapy treatment	HCPCS	Procedure
J9238	Cancer chemotherapy treatment	HCPCS	Procedure
J9239	Cancer chemotherapy treatment	HCPCS	Procedure
J9240	Cancer chemotherapy treatment	HCPCS	Procedure
J9241	Cancer chemotherapy treatment	HCPCS	Procedure
J9242	Cancer chemotherapy treatment	HCPCS	Procedure
J9243	Cancer chemotherapy treatment	HCPCS	Procedure
J9244	Cancer chemotherapy treatment	HCPCS	Procedure
J9245	Cancer chemotherapy treatment	HCPCS	Procedure
J9246	Cancer chemotherapy treatment	HCPCS	Procedure
J9247	Cancer chemotherapy treatment	HCPCS	Procedure
J9248	Cancer chemotherapy treatment	HCPCS	Procedure
J9249	Cancer chemotherapy treatment	HCPCS	Procedure
J9250	Cancer chemotherapy treatment	HCPCS	Procedure
J9251	Cancer chemotherapy treatment	HCPCS	Procedure
J9252	Cancer chemotherapy treatment	HCPCS	Procedure
J9253	Cancer chemotherapy treatment	HCPCS	Procedure
J9254	Cancer chemotherapy treatment	HCPCS	Procedure
J9255	Cancer chemotherapy treatment	HCPCS	Procedure
J9256	Cancer chemotherapy treatment	HCPCS	Procedure
J9257	Cancer chemotherapy treatment	HCPCS	Procedure
J9258	Cancer chemotherapy treatment	HCPCS	Procedure
J9259	Cancer chemotherapy treatment	HCPCS	Procedure
J9260	Cancer chemotherapy treatment	HCPCS	Procedure
J9261	Cancer chemotherapy treatment	HCPCS	Procedure
J9262	Cancer chemotherapy treatment	HCPCS	Procedure
J9263	Cancer chemotherapy treatment	HCPCS	Procedure
J9264	Cancer chemotherapy treatment	HCPCS	Procedure
J9265	Cancer chemotherapy treatment	HCPCS	Procedure
J9266	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9267	Cancer chemotherapy treatment	HCPCS	Procedure
J9268	Cancer chemotherapy treatment	HCPCS	Procedure
J9269	Cancer chemotherapy treatment	HCPCS	Procedure
J9270	Cancer chemotherapy treatment	HCPCS	Procedure
J9271	Cancer chemotherapy treatment	HCPCS	Procedure
J9272	Cancer chemotherapy treatment	HCPCS	Procedure
J9273	Cancer chemotherapy treatment	HCPCS	Procedure
J9274	Cancer chemotherapy treatment	HCPCS	Procedure
J9275	Cancer chemotherapy treatment	HCPCS	Procedure
J9276	Cancer chemotherapy treatment	HCPCS	Procedure
J9277	Cancer chemotherapy treatment	HCPCS	Procedure
J9278	Cancer chemotherapy treatment	HCPCS	Procedure
J9279	Cancer chemotherapy treatment	HCPCS	Procedure
J9280	Cancer chemotherapy treatment	HCPCS	Procedure
J9281	Cancer chemotherapy treatment	HCPCS	Procedure
J9282	Cancer chemotherapy treatment	HCPCS	Procedure
J9283	Cancer chemotherapy treatment	HCPCS	Procedure
J9284	Cancer chemotherapy treatment	HCPCS	Procedure
J9285	Cancer chemotherapy treatment	HCPCS	Procedure
J9286	Cancer chemotherapy treatment	HCPCS	Procedure
J9287	Cancer chemotherapy treatment	HCPCS	Procedure
J9288	Cancer chemotherapy treatment	HCPCS	Procedure
J9289	Cancer chemotherapy treatment	HCPCS	Procedure
J9290	Cancer chemotherapy treatment	HCPCS	Procedure
J9291	Cancer chemotherapy treatment	HCPCS	Procedure
J9292	Cancer chemotherapy treatment	HCPCS	Procedure
J9293	Cancer chemotherapy treatment	HCPCS	Procedure
J9294	Cancer chemotherapy treatment	HCPCS	Procedure
J9295	Cancer chemotherapy treatment	HCPCS	Procedure
J9296	Cancer chemotherapy treatment	HCPCS	Procedure
J9297	Cancer chemotherapy treatment	HCPCS	Procedure
J9298	Cancer chemotherapy treatment	HCPCS	Procedure
J9299	Cancer chemotherapy treatment	HCPCS	Procedure
J9300	Cancer chemotherapy treatment	HCPCS	Procedure
J9301	Cancer chemotherapy treatment	HCPCS	Procedure
J9302	Cancer chemotherapy treatment	HCPCS	Procedure
J9303	Cancer chemotherapy treatment	HCPCS	Procedure
J9304	Cancer chemotherapy treatment	HCPCS	Procedure
J9305	Cancer chemotherapy treatment	HCPCS	Procedure
J9306	Cancer chemotherapy treatment	HCPCS	Procedure
J9307	Cancer chemotherapy treatment	HCPCS	Procedure
J9308	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9309	Cancer chemotherapy treatment	HCPCS	Procedure
J9310	Cancer chemotherapy treatment	HCPCS	Procedure
J9311	Cancer chemotherapy treatment	HCPCS	Procedure
J9312	Cancer chemotherapy treatment	HCPCS	Procedure
J9313	Cancer chemotherapy treatment	HCPCS	Procedure
J9314	Cancer chemotherapy treatment	HCPCS	Procedure
J9315	Cancer chemotherapy treatment	HCPCS	Procedure
J9316	Cancer chemotherapy treatment	HCPCS	Procedure
J9317	Cancer chemotherapy treatment	HCPCS	Procedure
J9318	Cancer chemotherapy treatment	HCPCS	Procedure
J9319	Cancer chemotherapy treatment	HCPCS	Procedure
J9320	Cancer chemotherapy treatment	HCPCS	Procedure
J9321	Cancer chemotherapy treatment	HCPCS	Procedure
J9322	Cancer chemotherapy treatment	HCPCS	Procedure
J9323	Cancer chemotherapy treatment	HCPCS	Procedure
J9324	Cancer chemotherapy treatment	HCPCS	Procedure
J9325	Cancer chemotherapy treatment	HCPCS	Procedure
J9326	Cancer chemotherapy treatment	HCPCS	Procedure
J9327	Cancer chemotherapy treatment	HCPCS	Procedure
J9328	Cancer chemotherapy treatment	HCPCS	Procedure
J9329	Cancer chemotherapy treatment	HCPCS	Procedure
J9330	Cancer chemotherapy treatment	HCPCS	Procedure
J9331	Cancer chemotherapy treatment	HCPCS	Procedure
J9332	Cancer chemotherapy treatment	HCPCS	Procedure
J9333	Cancer chemotherapy treatment	HCPCS	Procedure
J9334	Cancer chemotherapy treatment	HCPCS	Procedure
J9335	Cancer chemotherapy treatment	HCPCS	Procedure
J9336	Cancer chemotherapy treatment	HCPCS	Procedure
J9337	Cancer chemotherapy treatment	HCPCS	Procedure
J9338	Cancer chemotherapy treatment	HCPCS	Procedure
J9339	Cancer chemotherapy treatment	HCPCS	Procedure
J9340	Cancer chemotherapy treatment	HCPCS	Procedure
J9341	Cancer chemotherapy treatment	HCPCS	Procedure
J9342	Cancer chemotherapy treatment	HCPCS	Procedure
J9343	Cancer chemotherapy treatment	HCPCS	Procedure
J9344	Cancer chemotherapy treatment	HCPCS	Procedure
J9345	Cancer chemotherapy treatment	HCPCS	Procedure
J9346	Cancer chemotherapy treatment	HCPCS	Procedure
J9347	Cancer chemotherapy treatment	HCPCS	Procedure
J9348	Cancer chemotherapy treatment	HCPCS	Procedure
J9349	Cancer chemotherapy treatment	HCPCS	Procedure
J9350	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9351	Cancer chemotherapy treatment	HCPCS	Procedure
J9352	Cancer chemotherapy treatment	HCPCS	Procedure
J9353	Cancer chemotherapy treatment	HCPCS	Procedure
J9354	Cancer chemotherapy treatment	HCPCS	Procedure
J9355	Cancer chemotherapy treatment	HCPCS	Procedure
J9356	Cancer chemotherapy treatment	HCPCS	Procedure
J9357	Cancer chemotherapy treatment	HCPCS	Procedure
J9358	Cancer chemotherapy treatment	HCPCS	Procedure
J9359	Cancer chemotherapy treatment	HCPCS	Procedure
J9360	Cancer chemotherapy treatment	HCPCS	Procedure
J9361	Cancer chemotherapy treatment	HCPCS	Procedure
J9362	Cancer chemotherapy treatment	HCPCS	Procedure
J9363	Cancer chemotherapy treatment	HCPCS	Procedure
J9364	Cancer chemotherapy treatment	HCPCS	Procedure
J9365	Cancer chemotherapy treatment	HCPCS	Procedure
J9366	Cancer chemotherapy treatment	HCPCS	Procedure
J9367	Cancer chemotherapy treatment	HCPCS	Procedure
J9368	Cancer chemotherapy treatment	HCPCS	Procedure
J9369	Cancer chemotherapy treatment	HCPCS	Procedure
J9370	Cancer chemotherapy treatment	HCPCS	Procedure
J9371	Cancer chemotherapy treatment	HCPCS	Procedure
J9372	Cancer chemotherapy treatment	HCPCS	Procedure
J9373	Cancer chemotherapy treatment	HCPCS	Procedure
J9374	Cancer chemotherapy treatment	HCPCS	Procedure
J9375	Cancer chemotherapy treatment	HCPCS	Procedure
J9376	Cancer chemotherapy treatment	HCPCS	Procedure
J9377	Cancer chemotherapy treatment	HCPCS	Procedure
J9378	Cancer chemotherapy treatment	HCPCS	Procedure
J9379	Cancer chemotherapy treatment	HCPCS	Procedure
J9380	Cancer chemotherapy treatment	HCPCS	Procedure
J9381	Cancer chemotherapy treatment	HCPCS	Procedure
J9382	Cancer chemotherapy treatment	HCPCS	Procedure
J9383	Cancer chemotherapy treatment	HCPCS	Procedure
J9384	Cancer chemotherapy treatment	HCPCS	Procedure
J9385	Cancer chemotherapy treatment	HCPCS	Procedure
J9386	Cancer chemotherapy treatment	HCPCS	Procedure
J9387	Cancer chemotherapy treatment	HCPCS	Procedure
J9388	Cancer chemotherapy treatment	HCPCS	Procedure
J9389	Cancer chemotherapy treatment	HCPCS	Procedure
J9390	Cancer chemotherapy treatment	HCPCS	Procedure
J9391	Cancer chemotherapy treatment	HCPCS	Procedure
J9392	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9393	Cancer chemotherapy treatment	HCPCS	Procedure
J9394	Cancer chemotherapy treatment	HCPCS	Procedure
J9395	Cancer chemotherapy treatment	HCPCS	Procedure
J9396	Cancer chemotherapy treatment	HCPCS	Procedure
J9397	Cancer chemotherapy treatment	HCPCS	Procedure
J9398	Cancer chemotherapy treatment	HCPCS	Procedure
J9399	Cancer chemotherapy treatment	HCPCS	Procedure
J9400	Cancer chemotherapy treatment	HCPCS	Procedure
J9401	Cancer chemotherapy treatment	HCPCS	Procedure
J9402	Cancer chemotherapy treatment	HCPCS	Procedure
J9403	Cancer chemotherapy treatment	HCPCS	Procedure
J9404	Cancer chemotherapy treatment	HCPCS	Procedure
J9405	Cancer chemotherapy treatment	HCPCS	Procedure
J9406	Cancer chemotherapy treatment	HCPCS	Procedure
J9407	Cancer chemotherapy treatment	HCPCS	Procedure
J9408	Cancer chemotherapy treatment	HCPCS	Procedure
J9409	Cancer chemotherapy treatment	HCPCS	Procedure
J9410	Cancer chemotherapy treatment	HCPCS	Procedure
J9411	Cancer chemotherapy treatment	HCPCS	Procedure
J9412	Cancer chemotherapy treatment	HCPCS	Procedure
J9413	Cancer chemotherapy treatment	HCPCS	Procedure
J9414	Cancer chemotherapy treatment	HCPCS	Procedure
J9415	Cancer chemotherapy treatment	HCPCS	Procedure
J9416	Cancer chemotherapy treatment	HCPCS	Procedure
J9417	Cancer chemotherapy treatment	HCPCS	Procedure
J9418	Cancer chemotherapy treatment	HCPCS	Procedure
J9419	Cancer chemotherapy treatment	HCPCS	Procedure
J9420	Cancer chemotherapy treatment	HCPCS	Procedure
J9421	Cancer chemotherapy treatment	HCPCS	Procedure
J9422	Cancer chemotherapy treatment	HCPCS	Procedure
J9423	Cancer chemotherapy treatment	HCPCS	Procedure
J9424	Cancer chemotherapy treatment	HCPCS	Procedure
J9425	Cancer chemotherapy treatment	HCPCS	Procedure
J9426	Cancer chemotherapy treatment	HCPCS	Procedure
J9427	Cancer chemotherapy treatment	HCPCS	Procedure
J9428	Cancer chemotherapy treatment	HCPCS	Procedure
J9429	Cancer chemotherapy treatment	HCPCS	Procedure
J9430	Cancer chemotherapy treatment	HCPCS	Procedure
J9431	Cancer chemotherapy treatment	HCPCS	Procedure
J9432	Cancer chemotherapy treatment	HCPCS	Procedure
J9433	Cancer chemotherapy treatment	HCPCS	Procedure
J9434	Cancer chemotherapy treatment	HCPCS	Procedure



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9435	Cancer chemotherapy treatment	HCPCS	Procedure
J9436	Cancer chemotherapy treatment	HCPCS	Procedure
J9437	Cancer chemotherapy treatment	HCPCS	Procedure
J9438	Cancer chemotherapy treatment	HCPCS	Procedure
J9439	Cancer chemotherapy treatment	HCPCS	Procedure
J9440	Cancer chemotherapy treatment	HCPCS	Procedure
J9441	Cancer chemotherapy treatment	HCPCS	Procedure
J9442	Cancer chemotherapy treatment	HCPCS	Procedure
J9443	Cancer chemotherapy treatment	HCPCS	Procedure
J9444	Cancer chemotherapy treatment	HCPCS	Procedure
J9445	Cancer chemotherapy treatment	HCPCS	Procedure
J9446	Cancer chemotherapy treatment	HCPCS	Procedure
J9447	Cancer chemotherapy treatment	HCPCS	Procedure
J9448	Cancer chemotherapy treatment	HCPCS	Procedure
J9449	Cancer chemotherapy treatment	HCPCS	Procedure
J9450	Cancer chemotherapy treatment	HCPCS	Procedure
J9451	Cancer chemotherapy treatment	HCPCS	Procedure
J9452	Cancer chemotherapy treatment	HCPCS	Procedure
J9453	Cancer chemotherapy treatment	HCPCS	Procedure
J9454	Cancer chemotherapy treatment	HCPCS	Procedure
J9455	Cancer chemotherapy treatment	HCPCS	Procedure
J9456	Cancer chemotherapy treatment	HCPCS	Procedure
J9457	Cancer chemotherapy treatment	HCPCS	Procedure
J9458	Cancer chemotherapy treatment	HCPCS	Procedure
J9459	Cancer chemotherapy treatment	HCPCS	Procedure
J9460	Cancer chemotherapy treatment	HCPCS	Procedure
J9461	Cancer chemotherapy treatment	HCPCS	Procedure
J9462	Cancer chemotherapy treatment	HCPCS	Procedure
J9463	Cancer chemotherapy treatment	HCPCS	Procedure
J9464	Cancer chemotherapy treatment	HCPCS	Procedure
J9465	Cancer chemotherapy treatment	HCPCS	Procedure
J9466	Cancer chemotherapy treatment	HCPCS	Procedure
J9467	Cancer chemotherapy treatment	HCPCS	Procedure
J9468	Cancer chemotherapy treatment	HCPCS	Procedure
J9469	Cancer chemotherapy treatment	HCPCS	Procedure
J9470	Cancer chemotherapy treatment	HCPCS	Procedure
J9471	Cancer chemotherapy treatment	HCPCS	Procedure
J9472	Cancer chemotherapy treatment	HCPCS	Procedure
J9473	Cancer chemotherapy treatment	HCPCS	Procedure
J9474	Cancer chemotherapy treatment	HCPCS	Procedure
J9475	Cancer chemotherapy treatment	HCPCS	Procedure
J9476	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9477	Cancer chemotherapy treatment	HCPCS	Procedure
J9478	Cancer chemotherapy treatment	HCPCS	Procedure
J9479	Cancer chemotherapy treatment	HCPCS	Procedure
J9480	Cancer chemotherapy treatment	HCPCS	Procedure
J9481	Cancer chemotherapy treatment	HCPCS	Procedure
J9482	Cancer chemotherapy treatment	HCPCS	Procedure
J9483	Cancer chemotherapy treatment	HCPCS	Procedure
J9484	Cancer chemotherapy treatment	HCPCS	Procedure
J9485	Cancer chemotherapy treatment	HCPCS	Procedure
J9486	Cancer chemotherapy treatment	HCPCS	Procedure
J9487	Cancer chemotherapy treatment	HCPCS	Procedure
J9488	Cancer chemotherapy treatment	HCPCS	Procedure
J9489	Cancer chemotherapy treatment	HCPCS	Procedure
J9490	Cancer chemotherapy treatment	HCPCS	Procedure
J9491	Cancer chemotherapy treatment	HCPCS	Procedure
J9492	Cancer chemotherapy treatment	HCPCS	Procedure
J9493	Cancer chemotherapy treatment	HCPCS	Procedure
J9494	Cancer chemotherapy treatment	HCPCS	Procedure
J9495	Cancer chemotherapy treatment	HCPCS	Procedure
J9496	Cancer chemotherapy treatment	HCPCS	Procedure
J9497	Cancer chemotherapy treatment	HCPCS	Procedure
J9498	Cancer chemotherapy treatment	HCPCS	Procedure
J9499	Cancer chemotherapy treatment	HCPCS	Procedure
J9500	Cancer chemotherapy treatment	HCPCS	Procedure
J9501	Cancer chemotherapy treatment	HCPCS	Procedure
J9502	Cancer chemotherapy treatment	HCPCS	Procedure
J9503	Cancer chemotherapy treatment	HCPCS	Procedure
J9504	Cancer chemotherapy treatment	HCPCS	Procedure
J9505	Cancer chemotherapy treatment	HCPCS	Procedure
J9506	Cancer chemotherapy treatment	HCPCS	Procedure
J9507	Cancer chemotherapy treatment	HCPCS	Procedure
J9508	Cancer chemotherapy treatment	HCPCS	Procedure
J9509	Cancer chemotherapy treatment	HCPCS	Procedure
J9510	Cancer chemotherapy treatment	HCPCS	Procedure
J9511	Cancer chemotherapy treatment	HCPCS	Procedure
J9512	Cancer chemotherapy treatment	HCPCS	Procedure
J9513	Cancer chemotherapy treatment	HCPCS	Procedure
J9514	Cancer chemotherapy treatment	HCPCS	Procedure
J9515	Cancer chemotherapy treatment	HCPCS	Procedure
J9516	Cancer chemotherapy treatment	HCPCS	Procedure
J9517	Cancer chemotherapy treatment	HCPCS	Procedure
J9518	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9519	Cancer chemotherapy treatment	HCPCS	Procedure
J9520	Cancer chemotherapy treatment	HCPCS	Procedure
J9521	Cancer chemotherapy treatment	HCPCS	Procedure
J9522	Cancer chemotherapy treatment	HCPCS	Procedure
J9523	Cancer chemotherapy treatment	HCPCS	Procedure
J9524	Cancer chemotherapy treatment	HCPCS	Procedure
J9525	Cancer chemotherapy treatment	HCPCS	Procedure
J9526	Cancer chemotherapy treatment	HCPCS	Procedure
J9527	Cancer chemotherapy treatment	HCPCS	Procedure
J9528	Cancer chemotherapy treatment	HCPCS	Procedure
J9529	Cancer chemotherapy treatment	HCPCS	Procedure
J9530	Cancer chemotherapy treatment	HCPCS	Procedure
J9531	Cancer chemotherapy treatment	HCPCS	Procedure
J9532	Cancer chemotherapy treatment	HCPCS	Procedure
J9533	Cancer chemotherapy treatment	HCPCS	Procedure
J9534	Cancer chemotherapy treatment	HCPCS	Procedure
J9535	Cancer chemotherapy treatment	HCPCS	Procedure
J9536	Cancer chemotherapy treatment	HCPCS	Procedure
J9537	Cancer chemotherapy treatment	HCPCS	Procedure
J9538	Cancer chemotherapy treatment	HCPCS	Procedure
J9539	Cancer chemotherapy treatment	HCPCS	Procedure
J9540	Cancer chemotherapy treatment	HCPCS	Procedure
J9541	Cancer chemotherapy treatment	HCPCS	Procedure
J9542	Cancer chemotherapy treatment	HCPCS	Procedure
J9543	Cancer chemotherapy treatment	HCPCS	Procedure
J9544	Cancer chemotherapy treatment	HCPCS	Procedure
J9545	Cancer chemotherapy treatment	HCPCS	Procedure
J9546	Cancer chemotherapy treatment	HCPCS	Procedure
J9547	Cancer chemotherapy treatment	HCPCS	Procedure
J9548	Cancer chemotherapy treatment	HCPCS	Procedure
J9549	Cancer chemotherapy treatment	HCPCS	Procedure
J9550	Cancer chemotherapy treatment	HCPCS	Procedure
J9551	Cancer chemotherapy treatment	HCPCS	Procedure
J9552	Cancer chemotherapy treatment	HCPCS	Procedure
J9553	Cancer chemotherapy treatment	HCPCS	Procedure
J9554	Cancer chemotherapy treatment	HCPCS	Procedure
J9555	Cancer chemotherapy treatment	HCPCS	Procedure
J9556	Cancer chemotherapy treatment	HCPCS	Procedure
J9557	Cancer chemotherapy treatment	HCPCS	Procedure
J9558	Cancer chemotherapy treatment	HCPCS	Procedure
J9559	Cancer chemotherapy treatment	HCPCS	Procedure
J9560	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9561	Cancer chemotherapy treatment	HCPCS	Procedure
J9562	Cancer chemotherapy treatment	HCPCS	Procedure
J9563	Cancer chemotherapy treatment	HCPCS	Procedure
J9564	Cancer chemotherapy treatment	HCPCS	Procedure
J9565	Cancer chemotherapy treatment	HCPCS	Procedure
J9566	Cancer chemotherapy treatment	HCPCS	Procedure
J9567	Cancer chemotherapy treatment	HCPCS	Procedure
J9568	Cancer chemotherapy treatment	HCPCS	Procedure
J9569	Cancer chemotherapy treatment	HCPCS	Procedure
J9570	Cancer chemotherapy treatment	HCPCS	Procedure
J9571	Cancer chemotherapy treatment	HCPCS	Procedure
J9572	Cancer chemotherapy treatment	HCPCS	Procedure
J9573	Cancer chemotherapy treatment	HCPCS	Procedure
J9574	Cancer chemotherapy treatment	HCPCS	Procedure
J9575	Cancer chemotherapy treatment	HCPCS	Procedure
J9576	Cancer chemotherapy treatment	HCPCS	Procedure
J9577	Cancer chemotherapy treatment	HCPCS	Procedure
J9578	Cancer chemotherapy treatment	HCPCS	Procedure
J9579	Cancer chemotherapy treatment	HCPCS	Procedure
J9580	Cancer chemotherapy treatment	HCPCS	Procedure
J9581	Cancer chemotherapy treatment	HCPCS	Procedure
J9582	Cancer chemotherapy treatment	HCPCS	Procedure
J9583	Cancer chemotherapy treatment	HCPCS	Procedure
J9584	Cancer chemotherapy treatment	HCPCS	Procedure
J9585	Cancer chemotherapy treatment	HCPCS	Procedure
J9586	Cancer chemotherapy treatment	HCPCS	Procedure
J9587	Cancer chemotherapy treatment	HCPCS	Procedure
J9588	Cancer chemotherapy treatment	HCPCS	Procedure
J9589	Cancer chemotherapy treatment	HCPCS	Procedure
J9590	Cancer chemotherapy treatment	HCPCS	Procedure
J9591	Cancer chemotherapy treatment	HCPCS	Procedure
J9592	Cancer chemotherapy treatment	HCPCS	Procedure
J9593	Cancer chemotherapy treatment	HCPCS	Procedure
J9594	Cancer chemotherapy treatment	HCPCS	Procedure
J9595	Cancer chemotherapy treatment	HCPCS	Procedure
J9596	Cancer chemotherapy treatment	HCPCS	Procedure
J9597	Cancer chemotherapy treatment	HCPCS	Procedure
J9598	Cancer chemotherapy treatment	HCPCS	Procedure
J9599	Cancer chemotherapy treatment	HCPCS	Procedure
J9600	Cancer chemotherapy treatment	HCPCS	Procedure
J9601	Cancer chemotherapy treatment	HCPCS	Procedure
J9602	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9603	Cancer chemotherapy treatment	HCPCS	Procedure
J9604	Cancer chemotherapy treatment	HCPCS	Procedure
J9605	Cancer chemotherapy treatment	HCPCS	Procedure
J9606	Cancer chemotherapy treatment	HCPCS	Procedure
J9607	Cancer chemotherapy treatment	HCPCS	Procedure
J9608	Cancer chemotherapy treatment	HCPCS	Procedure
J9609	Cancer chemotherapy treatment	HCPCS	Procedure
J9610	Cancer chemotherapy treatment	HCPCS	Procedure
J9611	Cancer chemotherapy treatment	HCPCS	Procedure
J9612	Cancer chemotherapy treatment	HCPCS	Procedure
J9613	Cancer chemotherapy treatment	HCPCS	Procedure
J9614	Cancer chemotherapy treatment	HCPCS	Procedure
J9615	Cancer chemotherapy treatment	HCPCS	Procedure
J9616	Cancer chemotherapy treatment	HCPCS	Procedure
J9617	Cancer chemotherapy treatment	HCPCS	Procedure
J9618	Cancer chemotherapy treatment	HCPCS	Procedure
J9619	Cancer chemotherapy treatment	HCPCS	Procedure
J9620	Cancer chemotherapy treatment	HCPCS	Procedure
J9621	Cancer chemotherapy treatment	HCPCS	Procedure
J9622	Cancer chemotherapy treatment	HCPCS	Procedure
J9623	Cancer chemotherapy treatment	HCPCS	Procedure
J9624	Cancer chemotherapy treatment	HCPCS	Procedure
J9625	Cancer chemotherapy treatment	HCPCS	Procedure
J9626	Cancer chemotherapy treatment	HCPCS	Procedure
J9627	Cancer chemotherapy treatment	HCPCS	Procedure
J9628	Cancer chemotherapy treatment	HCPCS	Procedure
J9629	Cancer chemotherapy treatment	HCPCS	Procedure
J9630	Cancer chemotherapy treatment	HCPCS	Procedure
J9631	Cancer chemotherapy treatment	HCPCS	Procedure
J9632	Cancer chemotherapy treatment	HCPCS	Procedure
J9633	Cancer chemotherapy treatment	HCPCS	Procedure
J9634	Cancer chemotherapy treatment	HCPCS	Procedure
J9635	Cancer chemotherapy treatment	HCPCS	Procedure
J9636	Cancer chemotherapy treatment	HCPCS	Procedure
J9637	Cancer chemotherapy treatment	HCPCS	Procedure
J9638	Cancer chemotherapy treatment	HCPCS	Procedure
J9639	Cancer chemotherapy treatment	HCPCS	Procedure
J9640	Cancer chemotherapy treatment	HCPCS	Procedure
J9641	Cancer chemotherapy treatment	HCPCS	Procedure
J9642	Cancer chemotherapy treatment	HCPCS	Procedure
J9643	Cancer chemotherapy treatment	HCPCS	Procedure
J9644	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9645	Cancer chemotherapy treatment	HCPCS	Procedure
J9646	Cancer chemotherapy treatment	HCPCS	Procedure
J9647	Cancer chemotherapy treatment	HCPCS	Procedure
J9648	Cancer chemotherapy treatment	HCPCS	Procedure
J9649	Cancer chemotherapy treatment	HCPCS	Procedure
J9650	Cancer chemotherapy treatment	HCPCS	Procedure
J9651	Cancer chemotherapy treatment	HCPCS	Procedure
J9652	Cancer chemotherapy treatment	HCPCS	Procedure
J9653	Cancer chemotherapy treatment	HCPCS	Procedure
J9654	Cancer chemotherapy treatment	HCPCS	Procedure
J9655	Cancer chemotherapy treatment	HCPCS	Procedure
J9656	Cancer chemotherapy treatment	HCPCS	Procedure
J9657	Cancer chemotherapy treatment	HCPCS	Procedure
J9658	Cancer chemotherapy treatment	HCPCS	Procedure
J9659	Cancer chemotherapy treatment	HCPCS	Procedure
J9660	Cancer chemotherapy treatment	HCPCS	Procedure
J9661	Cancer chemotherapy treatment	HCPCS	Procedure
J9662	Cancer chemotherapy treatment	HCPCS	Procedure
J9663	Cancer chemotherapy treatment	HCPCS	Procedure
J9664	Cancer chemotherapy treatment	HCPCS	Procedure
J9665	Cancer chemotherapy treatment	HCPCS	Procedure
J9666	Cancer chemotherapy treatment	HCPCS	Procedure
J9667	Cancer chemotherapy treatment	HCPCS	Procedure
J9668	Cancer chemotherapy treatment	HCPCS	Procedure
J9669	Cancer chemotherapy treatment	HCPCS	Procedure
J9670	Cancer chemotherapy treatment	HCPCS	Procedure
J9671	Cancer chemotherapy treatment	HCPCS	Procedure
J9672	Cancer chemotherapy treatment	HCPCS	Procedure
J9673	Cancer chemotherapy treatment	HCPCS	Procedure
J9674	Cancer chemotherapy treatment	HCPCS	Procedure
J9675	Cancer chemotherapy treatment	HCPCS	Procedure
J9676	Cancer chemotherapy treatment	HCPCS	Procedure
J9677	Cancer chemotherapy treatment	HCPCS	Procedure
J9678	Cancer chemotherapy treatment	HCPCS	Procedure
J9679	Cancer chemotherapy treatment	HCPCS	Procedure
J9680	Cancer chemotherapy treatment	HCPCS	Procedure
J9681	Cancer chemotherapy treatment	HCPCS	Procedure
J9682	Cancer chemotherapy treatment	HCPCS	Procedure
J9683	Cancer chemotherapy treatment	HCPCS	Procedure
J9684	Cancer chemotherapy treatment	HCPCS	Procedure
J9685	Cancer chemotherapy treatment	HCPCS	Procedure
J9686	Cancer chemotherapy treatment	HCPCS	Procedure

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9687	Cancer chemotherapy treatment	HCPCS	Procedure
J9688	Cancer chemotherapy treatment	HCPCS	Procedure
J9689	Cancer chemotherapy treatment	HCPCS	Procedure
J9690	Cancer chemotherapy treatment	HCPCS	Procedure
J9691	Cancer chemotherapy treatment	HCPCS	Procedure
J9692	Cancer chemotherapy treatment	HCPCS	Procedure
J9693	Cancer chemotherapy treatment	HCPCS	Procedure
J9694	Cancer chemotherapy treatment	HCPCS	Procedure
J9695	Cancer chemotherapy treatment	HCPCS	Procedure
J9696	Cancer chemotherapy treatment	HCPCS	Procedure
J9697	Cancer chemotherapy treatment	HCPCS	Procedure
J9698	Cancer chemotherapy treatment	HCPCS	Procedure
J9699	Cancer chemotherapy treatment	HCPCS	Procedure
J9700	Cancer chemotherapy treatment	HCPCS	Procedure
J9701	Cancer chemotherapy treatment	HCPCS	Procedure
J9702	Cancer chemotherapy treatment	HCPCS	Procedure
J9703	Cancer chemotherapy treatment	HCPCS	Procedure
J9704	Cancer chemotherapy treatment	HCPCS	Procedure
J9705	Cancer chemotherapy treatment	HCPCS	Procedure
J9706	Cancer chemotherapy treatment	HCPCS	Procedure
J9707	Cancer chemotherapy treatment	HCPCS	Procedure
J9708	Cancer chemotherapy treatment	HCPCS	Procedure
J9709	Cancer chemotherapy treatment	HCPCS	Procedure
J9710	Cancer chemotherapy treatment	HCPCS	Procedure
J9711	Cancer chemotherapy treatment	HCPCS	Procedure
J9712	Cancer chemotherapy treatment	HCPCS	Procedure
J9713	Cancer chemotherapy treatment	HCPCS	Procedure
J9714	Cancer chemotherapy treatment	HCPCS	Procedure
J9715	Cancer chemotherapy treatment	HCPCS	Procedure
J9716	Cancer chemotherapy treatment	HCPCS	Procedure
J9717	Cancer chemotherapy treatment	HCPCS	Procedure
J9718	Cancer chemotherapy treatment	HCPCS	Procedure
J9719	Cancer chemotherapy treatment	HCPCS	Procedure
J9720	Cancer chemotherapy treatment	HCPCS	Procedure
J9721	Cancer chemotherapy treatment	HCPCS	Procedure
J9722	Cancer chemotherapy treatment	HCPCS	Procedure
J9723	Cancer chemotherapy treatment	HCPCS	Procedure
J9724	Cancer chemotherapy treatment	HCPCS	Procedure
J9725	Cancer chemotherapy treatment	HCPCS	Procedure
J9726	Cancer chemotherapy treatment	HCPCS	Procedure
J9727	Cancer chemotherapy treatment	HCPCS	Procedure
J9728	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9729	Cancer chemotherapy treatment	HCPCS	Procedure
J9730	Cancer chemotherapy treatment	HCPCS	Procedure
J9731	Cancer chemotherapy treatment	HCPCS	Procedure
J9732	Cancer chemotherapy treatment	HCPCS	Procedure
J9733	Cancer chemotherapy treatment	HCPCS	Procedure
J9734	Cancer chemotherapy treatment	HCPCS	Procedure
J9735	Cancer chemotherapy treatment	HCPCS	Procedure
J9736	Cancer chemotherapy treatment	HCPCS	Procedure
J9737	Cancer chemotherapy treatment	HCPCS	Procedure
J9738	Cancer chemotherapy treatment	HCPCS	Procedure
J9739	Cancer chemotherapy treatment	HCPCS	Procedure
J9740	Cancer chemotherapy treatment	HCPCS	Procedure
J9741	Cancer chemotherapy treatment	HCPCS	Procedure
J9742	Cancer chemotherapy treatment	HCPCS	Procedure
J9743	Cancer chemotherapy treatment	HCPCS	Procedure
J9744	Cancer chemotherapy treatment	HCPCS	Procedure
J9745	Cancer chemotherapy treatment	HCPCS	Procedure
J9746	Cancer chemotherapy treatment	HCPCS	Procedure
J9747	Cancer chemotherapy treatment	HCPCS	Procedure
J9748	Cancer chemotherapy treatment	HCPCS	Procedure
J9749	Cancer chemotherapy treatment	HCPCS	Procedure
J9750	Cancer chemotherapy treatment	HCPCS	Procedure
J9751	Cancer chemotherapy treatment	HCPCS	Procedure
J9752	Cancer chemotherapy treatment	HCPCS	Procedure
J9753	Cancer chemotherapy treatment	HCPCS	Procedure
J9754	Cancer chemotherapy treatment	HCPCS	Procedure
J9755	Cancer chemotherapy treatment	HCPCS	Procedure
J9756	Cancer chemotherapy treatment	HCPCS	Procedure
J9757	Cancer chemotherapy treatment	HCPCS	Procedure
J9758	Cancer chemotherapy treatment	HCPCS	Procedure
J9759	Cancer chemotherapy treatment	HCPCS	Procedure
J9760	Cancer chemotherapy treatment	HCPCS	Procedure
J9761	Cancer chemotherapy treatment	HCPCS	Procedure
J9762	Cancer chemotherapy treatment	HCPCS	Procedure
J9763	Cancer chemotherapy treatment	HCPCS	Procedure
J9764	Cancer chemotherapy treatment	HCPCS	Procedure
J9765	Cancer chemotherapy treatment	HCPCS	Procedure
J9766	Cancer chemotherapy treatment	HCPCS	Procedure
J9767	Cancer chemotherapy treatment	HCPCS	Procedure
J9768	Cancer chemotherapy treatment	HCPCS	Procedure
J9769	Cancer chemotherapy treatment	HCPCS	Procedure
J9770	Cancer chemotherapy treatment	HCPCS	Procedure



**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9771	Cancer chemotherapy treatment	HCPCS	Procedure
J9772	Cancer chemotherapy treatment	HCPCS	Procedure
J9773	Cancer chemotherapy treatment	HCPCS	Procedure
J9774	Cancer chemotherapy treatment	HCPCS	Procedure
J9775	Cancer chemotherapy treatment	HCPCS	Procedure
J9776	Cancer chemotherapy treatment	HCPCS	Procedure
J9777	Cancer chemotherapy treatment	HCPCS	Procedure
J9778	Cancer chemotherapy treatment	HCPCS	Procedure
J9779	Cancer chemotherapy treatment	HCPCS	Procedure
J9780	Cancer chemotherapy treatment	HCPCS	Procedure
J9781	Cancer chemotherapy treatment	HCPCS	Procedure
J9782	Cancer chemotherapy treatment	HCPCS	Procedure
J9783	Cancer chemotherapy treatment	HCPCS	Procedure
J9784	Cancer chemotherapy treatment	HCPCS	Procedure
J9785	Cancer chemotherapy treatment	HCPCS	Procedure
J9786	Cancer chemotherapy treatment	HCPCS	Procedure
J9787	Cancer chemotherapy treatment	HCPCS	Procedure
J9788	Cancer chemotherapy treatment	HCPCS	Procedure
J9789	Cancer chemotherapy treatment	HCPCS	Procedure
J9790	Cancer chemotherapy treatment	HCPCS	Procedure
J9791	Cancer chemotherapy treatment	HCPCS	Procedure
J9792	Cancer chemotherapy treatment	HCPCS	Procedure
J9793	Cancer chemotherapy treatment	HCPCS	Procedure
J9794	Cancer chemotherapy treatment	HCPCS	Procedure
J9795	Cancer chemotherapy treatment	HCPCS	Procedure
J9796	Cancer chemotherapy treatment	HCPCS	Procedure
J9797	Cancer chemotherapy treatment	HCPCS	Procedure
J9798	Cancer chemotherapy treatment	HCPCS	Procedure
J9799	Cancer chemotherapy treatment	HCPCS	Procedure
J9800	Cancer chemotherapy treatment	HCPCS	Procedure
J9801	Cancer chemotherapy treatment	HCPCS	Procedure
J9802	Cancer chemotherapy treatment	HCPCS	Procedure
J9803	Cancer chemotherapy treatment	HCPCS	Procedure
J9804	Cancer chemotherapy treatment	HCPCS	Procedure
J9805	Cancer chemotherapy treatment	HCPCS	Procedure
J9806	Cancer chemotherapy treatment	HCPCS	Procedure
J9807	Cancer chemotherapy treatment	HCPCS	Procedure
J9808	Cancer chemotherapy treatment	HCPCS	Procedure
J9809	Cancer chemotherapy treatment	HCPCS	Procedure
J9810	Cancer chemotherapy treatment	HCPCS	Procedure
J9811	Cancer chemotherapy treatment	HCPCS	Procedure
J9812	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9813	Cancer chemotherapy treatment	HCPCS	Procedure
J9814	Cancer chemotherapy treatment	HCPCS	Procedure
J9815	Cancer chemotherapy treatment	HCPCS	Procedure
J9816	Cancer chemotherapy treatment	HCPCS	Procedure
J9817	Cancer chemotherapy treatment	HCPCS	Procedure
J9818	Cancer chemotherapy treatment	HCPCS	Procedure
J9819	Cancer chemotherapy treatment	HCPCS	Procedure
J9820	Cancer chemotherapy treatment	HCPCS	Procedure
J9821	Cancer chemotherapy treatment	HCPCS	Procedure
J9822	Cancer chemotherapy treatment	HCPCS	Procedure
J9823	Cancer chemotherapy treatment	HCPCS	Procedure
J9824	Cancer chemotherapy treatment	HCPCS	Procedure
J9825	Cancer chemotherapy treatment	HCPCS	Procedure
J9826	Cancer chemotherapy treatment	HCPCS	Procedure
J9827	Cancer chemotherapy treatment	HCPCS	Procedure
J9828	Cancer chemotherapy treatment	HCPCS	Procedure
J9829	Cancer chemotherapy treatment	HCPCS	Procedure
J9830	Cancer chemotherapy treatment	HCPCS	Procedure
J9831	Cancer chemotherapy treatment	HCPCS	Procedure
J9832	Cancer chemotherapy treatment	HCPCS	Procedure
J9833	Cancer chemotherapy treatment	HCPCS	Procedure
J9834	Cancer chemotherapy treatment	HCPCS	Procedure
J9835	Cancer chemotherapy treatment	HCPCS	Procedure
J9836	Cancer chemotherapy treatment	HCPCS	Procedure
J9837	Cancer chemotherapy treatment	HCPCS	Procedure
J9838	Cancer chemotherapy treatment	HCPCS	Procedure
J9839	Cancer chemotherapy treatment	HCPCS	Procedure
J9840	Cancer chemotherapy treatment	HCPCS	Procedure
J9841	Cancer chemotherapy treatment	HCPCS	Procedure
J9842	Cancer chemotherapy treatment	HCPCS	Procedure
J9843	Cancer chemotherapy treatment	HCPCS	Procedure
J9844	Cancer chemotherapy treatment	HCPCS	Procedure
J9845	Cancer chemotherapy treatment	HCPCS	Procedure
J9846	Cancer chemotherapy treatment	HCPCS	Procedure
J9847	Cancer chemotherapy treatment	HCPCS	Procedure
J9848	Cancer chemotherapy treatment	HCPCS	Procedure
J9849	Cancer chemotherapy treatment	HCPCS	Procedure
J9850	Cancer chemotherapy treatment	HCPCS	Procedure
J9851	Cancer chemotherapy treatment	HCPCS	Procedure
J9852	Cancer chemotherapy treatment	HCPCS	Procedure
J9853	Cancer chemotherapy treatment	HCPCS	Procedure
J9854	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9855	Cancer chemotherapy treatment	HCPCS	Procedure
J9856	Cancer chemotherapy treatment	HCPCS	Procedure
J9857	Cancer chemotherapy treatment	HCPCS	Procedure
J9858	Cancer chemotherapy treatment	HCPCS	Procedure
J9859	Cancer chemotherapy treatment	HCPCS	Procedure
J9860	Cancer chemotherapy treatment	HCPCS	Procedure
J9861	Cancer chemotherapy treatment	HCPCS	Procedure
J9862	Cancer chemotherapy treatment	HCPCS	Procedure
J9863	Cancer chemotherapy treatment	HCPCS	Procedure
J9864	Cancer chemotherapy treatment	HCPCS	Procedure
J9865	Cancer chemotherapy treatment	HCPCS	Procedure
J9866	Cancer chemotherapy treatment	HCPCS	Procedure
J9867	Cancer chemotherapy treatment	HCPCS	Procedure
J9868	Cancer chemotherapy treatment	HCPCS	Procedure
J9869	Cancer chemotherapy treatment	HCPCS	Procedure
J9870	Cancer chemotherapy treatment	HCPCS	Procedure
J9871	Cancer chemotherapy treatment	HCPCS	Procedure
J9872	Cancer chemotherapy treatment	HCPCS	Procedure
J9873	Cancer chemotherapy treatment	HCPCS	Procedure
J9874	Cancer chemotherapy treatment	HCPCS	Procedure
J9875	Cancer chemotherapy treatment	HCPCS	Procedure
J9876	Cancer chemotherapy treatment	HCPCS	Procedure
J9877	Cancer chemotherapy treatment	HCPCS	Procedure
J9878	Cancer chemotherapy treatment	HCPCS	Procedure
J9879	Cancer chemotherapy treatment	HCPCS	Procedure
J9880	Cancer chemotherapy treatment	HCPCS	Procedure
J9881	Cancer chemotherapy treatment	HCPCS	Procedure
J9882	Cancer chemotherapy treatment	HCPCS	Procedure
J9883	Cancer chemotherapy treatment	HCPCS	Procedure
J9884	Cancer chemotherapy treatment	HCPCS	Procedure
J9885	Cancer chemotherapy treatment	HCPCS	Procedure
J9886	Cancer chemotherapy treatment	HCPCS	Procedure
J9887	Cancer chemotherapy treatment	HCPCS	Procedure
J9888	Cancer chemotherapy treatment	HCPCS	Procedure
J9889	Cancer chemotherapy treatment	HCPCS	Procedure
J9890	Cancer chemotherapy treatment	HCPCS	Procedure
J9891	Cancer chemotherapy treatment	HCPCS	Procedure
J9892	Cancer chemotherapy treatment	HCPCS	Procedure
J9893	Cancer chemotherapy treatment	HCPCS	Procedure
J9894	Cancer chemotherapy treatment	HCPCS	Procedure
J9895	Cancer chemotherapy treatment	HCPCS	Procedure
J9896	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9897	Cancer chemotherapy treatment	HCPCS	Procedure
J9898	Cancer chemotherapy treatment	HCPCS	Procedure
J9899	Cancer chemotherapy treatment	HCPCS	Procedure
J9900	Cancer chemotherapy treatment	HCPCS	Procedure
J9901	Cancer chemotherapy treatment	HCPCS	Procedure
J9902	Cancer chemotherapy treatment	HCPCS	Procedure
J9903	Cancer chemotherapy treatment	HCPCS	Procedure
J9904	Cancer chemotherapy treatment	HCPCS	Procedure
J9905	Cancer chemotherapy treatment	HCPCS	Procedure
J9906	Cancer chemotherapy treatment	HCPCS	Procedure
J9907	Cancer chemotherapy treatment	HCPCS	Procedure
J9908	Cancer chemotherapy treatment	HCPCS	Procedure
J9909	Cancer chemotherapy treatment	HCPCS	Procedure
J9910	Cancer chemotherapy treatment	HCPCS	Procedure
J9911	Cancer chemotherapy treatment	HCPCS	Procedure
J9912	Cancer chemotherapy treatment	HCPCS	Procedure
J9913	Cancer chemotherapy treatment	HCPCS	Procedure
J9914	Cancer chemotherapy treatment	HCPCS	Procedure
J9915	Cancer chemotherapy treatment	HCPCS	Procedure
J9916	Cancer chemotherapy treatment	HCPCS	Procedure
J9917	Cancer chemotherapy treatment	HCPCS	Procedure
J9918	Cancer chemotherapy treatment	HCPCS	Procedure
J9919	Cancer chemotherapy treatment	HCPCS	Procedure
J9920	Cancer chemotherapy treatment	HCPCS	Procedure
J9921	Cancer chemotherapy treatment	HCPCS	Procedure
J9922	Cancer chemotherapy treatment	HCPCS	Procedure
J9923	Cancer chemotherapy treatment	HCPCS	Procedure
J9924	Cancer chemotherapy treatment	HCPCS	Procedure
J9925	Cancer chemotherapy treatment	HCPCS	Procedure
J9926	Cancer chemotherapy treatment	HCPCS	Procedure
J9927	Cancer chemotherapy treatment	HCPCS	Procedure
J9928	Cancer chemotherapy treatment	HCPCS	Procedure
J9929	Cancer chemotherapy treatment	HCPCS	Procedure
J9930	Cancer chemotherapy treatment	HCPCS	Procedure
J9931	Cancer chemotherapy treatment	HCPCS	Procedure
J9932	Cancer chemotherapy treatment	HCPCS	Procedure
J9933	Cancer chemotherapy treatment	HCPCS	Procedure
J9934	Cancer chemotherapy treatment	HCPCS	Procedure
J9935	Cancer chemotherapy treatment	HCPCS	Procedure
J9936	Cancer chemotherapy treatment	HCPCS	Procedure
J9937	Cancer chemotherapy treatment	HCPCS	Procedure
J9938	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9939	Cancer chemotherapy treatment	HCPCS	Procedure
J9940	Cancer chemotherapy treatment	HCPCS	Procedure
J9941	Cancer chemotherapy treatment	HCPCS	Procedure
J9942	Cancer chemotherapy treatment	HCPCS	Procedure
J9943	Cancer chemotherapy treatment	HCPCS	Procedure
J9944	Cancer chemotherapy treatment	HCPCS	Procedure
J9945	Cancer chemotherapy treatment	HCPCS	Procedure
J9946	Cancer chemotherapy treatment	HCPCS	Procedure
J9947	Cancer chemotherapy treatment	HCPCS	Procedure
J9948	Cancer chemotherapy treatment	HCPCS	Procedure
J9949	Cancer chemotherapy treatment	HCPCS	Procedure
J9950	Cancer chemotherapy treatment	HCPCS	Procedure
J9951	Cancer chemotherapy treatment	HCPCS	Procedure
J9952	Cancer chemotherapy treatment	HCPCS	Procedure
J9953	Cancer chemotherapy treatment	HCPCS	Procedure
J9954	Cancer chemotherapy treatment	HCPCS	Procedure
J9955	Cancer chemotherapy treatment	HCPCS	Procedure
J9956	Cancer chemotherapy treatment	HCPCS	Procedure
J9957	Cancer chemotherapy treatment	HCPCS	Procedure
J9958	Cancer chemotherapy treatment	HCPCS	Procedure
J9959	Cancer chemotherapy treatment	HCPCS	Procedure
J9960	Cancer chemotherapy treatment	HCPCS	Procedure
J9961	Cancer chemotherapy treatment	HCPCS	Procedure
J9962	Cancer chemotherapy treatment	HCPCS	Procedure
J9963	Cancer chemotherapy treatment	HCPCS	Procedure
J9964	Cancer chemotherapy treatment	HCPCS	Procedure
J9965	Cancer chemotherapy treatment	HCPCS	Procedure
J9966	Cancer chemotherapy treatment	HCPCS	Procedure
J9967	Cancer chemotherapy treatment	HCPCS	Procedure
J9968	Cancer chemotherapy treatment	HCPCS	Procedure
J9969	Cancer chemotherapy treatment	HCPCS	Procedure
J9970	Cancer chemotherapy treatment	HCPCS	Procedure
J9971	Cancer chemotherapy treatment	HCPCS	Procedure
J9972	Cancer chemotherapy treatment	HCPCS	Procedure
J9973	Cancer chemotherapy treatment	HCPCS	Procedure
J9974	Cancer chemotherapy treatment	HCPCS	Procedure
J9975	Cancer chemotherapy treatment	HCPCS	Procedure
J9976	Cancer chemotherapy treatment	HCPCS	Procedure
J9977	Cancer chemotherapy treatment	HCPCS	Procedure
J9978	Cancer chemotherapy treatment	HCPCS	Procedure
J9979	Cancer chemotherapy treatment	HCPCS	Procedure
J9980	Cancer chemotherapy treatment	HCPCS	Procedure

**Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
J9981	Cancer chemotherapy treatment	HCPCS	Procedure
J9982	Cancer chemotherapy treatment	HCPCS	Procedure
J9983	Cancer chemotherapy treatment	HCPCS	Procedure
J9984	Cancer chemotherapy treatment	HCPCS	Procedure
J9985	Cancer chemotherapy treatment	HCPCS	Procedure
J9986	Cancer chemotherapy treatment	HCPCS	Procedure
J9987	Cancer chemotherapy treatment	HCPCS	Procedure
J9988	Cancer chemotherapy treatment	HCPCS	Procedure
J9989	Cancer chemotherapy treatment	HCPCS	Procedure
J9990	Cancer chemotherapy treatment	HCPCS	Procedure
J9991	Cancer chemotherapy treatment	HCPCS	Procedure
J9992	Cancer chemotherapy treatment	HCPCS	Procedure
J9993	Cancer chemotherapy treatment	HCPCS	Procedure
J9994	Cancer chemotherapy treatment	HCPCS	Procedure
J9995	Cancer chemotherapy treatment	HCPCS	Procedure
J9996	Cancer chemotherapy treatment	HCPCS	Procedure
J9997	Cancer chemotherapy treatment	HCPCS	Procedure
J9998	Cancer chemotherapy treatment	HCPCS	Procedure
J9999	Cancer chemotherapy treatment	HCPCS	Procedure
G0256	Radiation therapy	HCPCS	Procedure
G0261	Radiation therapy	HCPCS	Procedure
99.25	Cancer chemotherapy treatment	ICD-9-CM	Procedure
92.21	Radiation therapy	ICD-9-CM	Procedure
92.22	Radiation therapy	ICD-9-CM	Procedure
92.23	Radiation therapy	ICD-9-CM	Procedure
92.24	Radiation therapy	ICD-9-CM	Procedure
92.25	Radiation therapy	ICD-9-CM	Procedure
92.26	Radiation therapy	ICD-9-CM	Procedure
92.27	Radiation therapy	ICD-9-CM	Procedure
92.28	Radiation therapy	ICD-9-CM	Procedure
92.29	Radiation therapy	ICD-9-CM	Procedure

**Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
<b>Psoriatic Arthritis</b>			
696.0	Psoriatic arthropathy	ICD-9-CM	Diagnosis
<b>Rheumatoid Arthritis</b>			
714	Rheumatoid arthritis and other inflammatory polyarthropathies	ICD-9-CM	Diagnosis
714.0	Rheumatoid arthritis	ICD-9-CM	Diagnosis
714.2	Other rheumatoid arthritis with visceral or systemic involvement	ICD-9-CM	Diagnosis
714.30	Polyarticular juvenile rheumatoid arthritis, chronic or unspecified	ICD-9-CM	Diagnosis
714.31	Polyarticular juvenile rheumatoid arthritis, acute	ICD-9-CM	Diagnosis
714.32	Pauciarticular juvenile rheumatoid arthritis	ICD-9-CM	Diagnosis
714.33	Monoarticular juvenile rheumatoid arthritis	ICD-9-CM	Diagnosis
714.1	Felty's syndrome	ICD-9-CM	Diagnosis
<b>Psoriasis</b>			
696	Psoriasis and similar disorders	ICD-9-CM	Diagnosis
696.1	Other psoriasis	ICD-9-CM	Diagnosis
696.0	Psoriatic arthropathy	ICD-9-CM	Diagnosis
<b>Chronic Kidney Failure</b>			
285.21	Anemia in chronic kidney disease	ICD-9-CM	Diagnosis
403.0	Hypertensive chronic kidney disease, malignant	ICD-9-CM	Diagnosis
403	Hypertensive chronic kidney disease	ICD-9-CM	Diagnosis
403.1	Hypertensive chronic kidney disease, benign	ICD-9-CM	Diagnosis
403.9	Hypertensive chronic kidney disease, unspecified	ICD-9-CM	Diagnosis
404	Hypertensive heart and chronic kidney disease	ICD-9-CM	Diagnosis
404.1	Hypertensive heart and chronic kidney disease, benign	ICD-9-CM	Diagnosis
404.9	Hypertensive heart and chronic kidney disease, unspecified	ICD-9-CM	Diagnosis
458.21	Hypotension of hemodialysis	ICD-9-CM	Diagnosis
584	Acute kidney failure	ICD-9-CM	Diagnosis
584.5	Acute kidney failure with lesion of tubular necrosis	ICD-9-CM	Diagnosis
584.6	Acute kidney failure with lesion of renal cortical necrosis	ICD-9-CM	Diagnosis
584.7	Acute kidney failure with lesion of medullary [papillary] necrosis	ICD-9-CM	Diagnosis
584.8	Acute kidney failure with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
584.9	Acute kidney failure, unspecified	ICD-9-CM	Diagnosis
585	Chronic kidney disease (CKD)	ICD-9-CM	Diagnosis
585.1	Chronic kidney disease, Stage I	ICD-9-CM	Diagnosis
585.2	Chronic kidney disease, Stage II (mild)	ICD-9-CM	Diagnosis
585.3	Chronic kidney disease, Stage III (moderate)	ICD-9-CM	Diagnosis
585.4	Chronic kidney disease, Stage IV (severe)	ICD-9-CM	Diagnosis
585.5	Chronic kidney disease, Stage V	ICD-9-CM	Diagnosis
585.6	End stage renal disease	ICD-9-CM	Diagnosis
585.9	Chronic kidney disease, unspecified	ICD-9-CM	Diagnosis
586	Unspecified renal failure	ICD-9-CM	Diagnosis
588.81	Secondary hyperparathyroidism (of renal origin)	ICD-9-CM	Diagnosis
588.89	Other specified disorders resulting from impaired renal function	ICD-9-CM	Diagnosis

**Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request**

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
639.3	Complications following abortion and ectopic and molar pregnancies, kidney failure	ICD-9-CM	Diagnosis
669.3	Acute kidney failure following labor and delivery	ICD-9-CM	Diagnosis
669.32	Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
996.56	Mechanical complications due to peritoneal dialysis catheter	ICD-9-CM	Diagnosis
996.68	Infection and inflammatory reaction due to peritoneal dialysis catheter	ICD-9-CM	Diagnosis
996.73	Other complications due to renal dialysis device, implant, and graft	ICD-9-CM	Diagnosis
V42.0	Kidney replaced by transplant	ICD-9-CM	Diagnosis
V45.1	Renal dialysis status	ICD-9-CM	Diagnosis
V56	Encounter for dialysis and dialysis catheter care	ICD-9-CM	Diagnosis



**Appendix H. Specifications for Parameters for this Request**

We used the Cohort Identification and Descriptive Analysis (CIDA) module, version 5.0.4, with custom code to identify wrong frequency errors of methotrexate in the Sentinel Distributed Database.

**Query Period:** January 1, 2010 - May 30, 2015  
**Coverage Requirement:** Medical and Drug Coverage  
**Enrollment Requirement:** 365 days  
**Enrollment Gap:** 45 Days  
**Age Groups:** 18-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84, 85-89, 90-94, 95+ years

Scenario	Exposure				Pre-Existing Conditions				Baseline Characteristics					
	Exposure	Cohort Definition	Incident with Respect to	Washout (days)	Episode Gap Type	Episode Gap (days)	Censor Criteria	Conditions	Include/Exclude	Care Setting	Lookback Period	Conditions	Care Setting	Lookback Period
1	Methotrexate (2.5mg tablets)	Include all valid exposure episodes during the query period	Methotrexate (any strength/formulation)	365	Fixed	0	Censor due to query end	Rheumatoid arthritis or psoriatic arthritis	Include	Any	-365, 0	Psoriasis	Any	-365, 0
											Chronic kidney failure	Any	-365, 0	
											Psoriatic arthritis	Any	-365, 0	
								Cancer	Exclude	Any	-365, 0	Rheumatoid arthritis	Any	-365, 0
2	Methotrexate (2.5mg tablets)	Include all valid exposure episodes during the query period	Methotrexate (any strength/formulation)	365	Fixed	0	Censor due to query end	Rheumatoid arthritis or psoriatic arthritis	Include	Any	-365, 0	Psoriasis	Any	-365, 0
											Chronic kidney failure	Any	-365, 0	
											Psoriatic arthritis	Any	-365, 0	
								Cancer	Exclude	Any	-365 from index date, all enrollment history after index date	Rheumatoid arthritis	Any	-365, 0

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) codes are provided by Optum360. National Drug Codes (NDCs) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus"