

**Rituximab:****Rituxan<sup>®</sup>, Truxima<sup>®</sup>, Ruxience<sup>™</sup>, Riabni<sup>™</sup>  
(Intravenous)****-E-**

Document Number: MODA-0477

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Coverage will be provided for 6 months (12 months initially for pemphigus vulgaris) and may be renewed, unless otherwise specified.

- Maintenance therapy for oncology indications may be renewed for up to a maximum of 2 years, unless otherwise specified:
  - Adult Acute Lymphoblastic Leukemia (ALL) may be renewed for a maximum of 18 doses.
  - Mantle Cell Lymphoma may be renewed until disease progression or intolerable toxicity.
  - Hairy Cell Leukemia may be renewed for up to a maximum of 12 doses.
  - Induction/Consolidation of Pediatric B-Cell Acute Leukemia and Aggressive Mature B-Cell Lymphomas may NOT be renewed.
- Management of Immunotherapy-Related Toxicities:
  - Myositis/Myasthenia Gravis/Encephalitis may NOT be renewed.
  - Bullous dermatitis may be renewed for a maximum of 18 months (4 total doses).
- Relapse therapy for Pemphigus Vulgaris must be at least 16 weeks past a prior infusion
- Chronic Graft-Versus-Host Disease (cGVHD) may NOT be renewed.
- Hematopoietic Cell Transplantation may NOT be renewed.
- Lupus Nephritis may be renewed ONLY in patients experiencing a disease relapse.
- Complications of Transplanted Solid Organ may NOT be renewed.

**II. Dosing Limits****A. Quantity Limit (max daily dose) [NDC Unit]:**

- Rituxan 100 mg/10 mL single-dose vial for injection: 12 vials per 28 day supply
- Rituxan 500 mg/50 mL single-dose vial for injection: 8 vials per 28 day supply
- Truxima 100 mg/10 mL single-dose vial for injection: 12 vials per 28 day supply
- Truxima 500 mg/50 mL single-dose vial for injection: 8 vials per 28 day supply
- Ruxience 100 mg/10 mL single-dose vial for injection: 12 vials per 28 day supply
- Ruxience 500 mg/50 mL single-dose vial for injection: 8 vials per 28 day supply
- Riabni 100 mg/10 mL single-dose vial for injection: 12 vials per 28 day supply
- Riabni 500 mg/50 mL single-dose vial for injection: 8 vials per 28 day supply

**B. Max Units (per dose and over time) [HCPCS Unit]:**

Oncology Indications
<p><b><u>Chronic Lymphocytic Leukemia (CLL)/Small Lymphocytic Leukemia (SLL):</u></b></p> <ul style="list-style-type: none"> <li>• Initial therapy: <ul style="list-style-type: none"> <li>○ Loading dose: 100 billable units x 1 dose</li> <li>○ Subsequent doses: 130 billable units every 28 days x 5 doses per 6 months</li> </ul> </li> <li>• Renewal therapy: 130 billable units every 8 weeks</li> </ul>
<p><b><u>ALL</u></b></p> <ul style="list-style-type: none"> <li>• 100 billable units twice weekly x 18 doses</li> </ul>
<p><b><u>Hairy Cell Leukemia</u></b></p> <ul style="list-style-type: none"> <li>• 100 billable units weekly x 8 doses, 100 billable units every 14 days x 8 doses, then 100 billable units every 28 days x 4 doses</li> </ul>
<p><b><u>Chronic Graft-Versus-Host Disease (cGVHD)</u></b></p> <ul style="list-style-type: none"> <li>• 100 billable units weekly x 8 doses</li> </ul>
<p><b><u>Hematopoietic Cell Transplantation</u></b></p> <ul style="list-style-type: none"> <li>• Initial dose: 100 billable units x 1 dose before transplant</li> <li>• Subsequent doses: 250 billable units x 3 doses after transplant</li> </ul>
<p><b><u>All other oncology indications:</u></b></p> <ul style="list-style-type: none"> <li>• Initial therapy: 100 billable units weekly x 8 doses per 6 months</li> <li>• Renewal therapy: 100 billable units x 4 doses per 6 months</li> </ul>
Non-Oncology Indications
<p><b><u>Rheumatoid Arthritis (RA):</u></b></p> <ul style="list-style-type: none"> <li>• 100 billable units every 14 days x 2 doses in an 18-week period</li> </ul>
<p><b><u>Multiple Sclerosis (MS):</u></b></p> <p>100 billable units every 14 days x 2 doses every 6 months</p>
<p><b><u>Pemphigus Vulgaris (PV):</u></b></p> <ul style="list-style-type: none"> <li>• Initiation: 100 billable units weekly x 4 doses in a 12 month period</li> <li>• Maintenance and Relapse: 50 billable units every 16 weeks</li> </ul>
<p><b><u>GPA(WG)/MPA:</u></b></p> <ul style="list-style-type: none"> <li>• Induction: 100 billable units weekly x 4 doses in a 20-week period</li> <li>• Initial Maintenance: 50 billable units x 2 doses in a 6 month period</li> <li>• Subsequent Maintenance: 50 billable units every 6 months</li> </ul>
<p><b><u>All other non-oncology indications:</u></b></p> <ul style="list-style-type: none"> <li>• 100 billable units weekly x 4 doses in a 6 month period</li> </ul>

**III. Initial Approval Criteria <sup>1-4</sup>**

Coverage is provided in the following conditions:

**Ruxience®** (rituximab-pvvr) and **Truxima®** (rituximab-abbs) are the preferred rituximab products.

- Patient must have a contraindication, intolerance, or failure of Ruxience® (rituximab-pvvr) and Truxima® (rituximab-abbs) prior to the consideration of another rituximab product.

- Patient age is at least 18 years of age (unless otherwise specified); **AND**

#### **Universal Criteria** <sup>1-4</sup>

- Patient does not have a severe, active infection; **AND**
- Patient has been screened for the presence of hepatitis B (HBV) infection (i.e., HBsAg and anti-HBc) prior to initiating therapy and patients with evidence of current or prior HBV infection will be monitored for HBV reactivation during treatment; **AND**
- Patient has not received a live vaccine within 28 days prior to starting treatment and live vaccines will not be administered concurrently while on treatment; **AND**

#### **Oncology Indications** <sup>1-5</sup>

- Patient is CD20 antigen expression positive (*excluding use for cGVHD, Hematopoietic Cell Transplantation, and Management of Immunotherapy-Related Toxicity*); **AND**

#### **Pediatric Mature B-Cell Acute Leukemia (B-AL) † Φ <sup>1</sup>**

- Patient is at least 6 months of age; **AND**
- Used in combination with chemotherapy for previously untreated disease

#### **Adult\* Acute Lymphoblastic Leukemia (ALL) ‡ <sup>5,93</sup>**

- Patient has Philadelphia chromosome-negative (Ph-) disease; **AND**
  - Used for induction/consolidation therapy; **AND**
  - Used as a component of a multiagent chemotherapy

*\*NCCN recommendations for Adult ALL may be applicable to adolescent and young adult (AYA) patients within the age range of 15-39 years.*

#### **Central Nervous System (CNS) Cancers ‡ <sup>5,15,44,9e</sup>**

- Patient has primary CNS lymphoma; **AND**
- Used for induction therapy in combination with a methotrexate-containing regimen

#### **Adult Hodgkin Lymphoma ‡ <sup>5,82,83</sup>**

- Patient has nodular lymphocyte-predominant disease

**Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma (CLL/SLL) † ‡ Ⓢ 1-5,23e,24e,28e-30e,36e,38e,42e,43e,45e,61e,161e**

- Used in combination with fludarabine and cyclophosphamide (FC) †; **AND**
  - Used as first-line therapy in patients < 65 years of age; **OR**
  - Used as subsequent therapy; **OR**
- Patient has disease without del(17p)/TP53 mutation; **AND**
  - Used as first-line therapy in combination with bendamustine (*excluding use in frail patients*); **OR**
  - Used as subsequent therapy in combination with one of the following:
    - Bendamustine (*patients <65 years of age without significant comorbidities; excluding use in frail patients*)
    - Idelalisib
    - Lenalidomide
    - Venetoclax; **OR**
- Patient has disease with del(17p)/TP53 mutation; **AND**
  - Used as subsequent therapy in combination with one of the following:
    - Idelalisib
    - Lenalidomide
    - Venetoclax; **OR**
- Used as first-line therapy for histologic (Richter's) transformation to diffuse large B-cell lymphoma; **AND**
  - Used in combination with cyclophosphamide, doxorubicin, and vincristine-based regimens or as a component of OFAR (oxaliplatin, fludarabine, cytarabine, and rituximab)

**Waldenström Macroglobulinemia/Lymphoplasmacytic Lymphoma ‡ 5,67e,72e**

**Adult B-Cell Lymphomas † ‡ Ⓢ 1-5,44** including, but not limited to, the following:

- HIV-Related B-Cell Lymphomas ‡
  - Disease is related to Burkitt lymphoma, diffuse large B-cell lymphoma (DLBCL), HHV-8 positive DLBCL (not otherwise specified), or primary effusion lymphoma (PEL)
- Burkitt Lymphoma ‡
  - Used in combination with chemotherapy
- Castleman Disease ‡
  - Patient has multicentric disease
- Diffuse Large B-Cell Lymphoma † Ⓢ
- Low-Grade (grade 1-2) or Follicular Lymphoma † Ⓢ

- Extranodal Marginal Zone Lymphoma (EMZL) of the Stomach & Nongastric Sites (Noncutaneous) ‡
- Nodal & Splenic Marginal Zone Lymphoma ‡
- High-Grade B-Cell Lymphomas ‡
- Mantle Cell Lymphoma ‡
- Histologic Transformation of Indolent Lymphomas to Diffuse Large B-Cell Lymphoma ‡
- Post-Transplant Lymphoproliferative Disorders (PTLD) (B-Cell type) ‡

**Pediatric Aggressive Mature B-Cell Lymphomas (Primary Mediastinal Large B-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Burkitt Lymphoma, & Burkitt-like Lymphoma) †**  
 ‡  $\Phi$  1,5,50,121

- Patient is at least 6 months of age\*; **AND**
- Used in combination with chemotherapy

*\*Pediatric Aggressive Mature B-Cell Lymphoma may be applicable to adolescent and young adult (AYA) patients older than 18 years of age and less than 39 years of age, who are treated in the pediatric oncology setting.*

**Hairy Cell Leukemia ‡ <sup>5</sup>**

- Used as a single agent; **AND**
  - Used for less than complete response or relapsed disease in patients unable to receive purine analogs (i.e., cladribine or pentostatin); **OR**
- Used in combination with cladribine; **OR**
- Used in combination with vemurafenib; **AND**
  - Used for less than complete response or relapse disease within 2 years of complete response following initial treatment with cladribine or pentostatin; **OR**
  - Used for progression after therapy for relapsed or refractory disease (if not previously given)

**Chronic Graft-Versus-Host Disease (cGVHD) ‡ <sup>5,22-25,45</sup>**

- Patient is post-allogeneic hematopoietic cell transplant (generally 3 or more months); **AND**
- Used as additional therapy in combination with corticosteroids; **AND**
- Patient has no response (e.g., steroid-refractory disease) to first-line therapy options

**Hematopoietic Cell Transplantation (HCT) ‡ <sup>5</sup>**

- Used as conditioning for allogeneic transplant as part of a non-myeloablative regimen in combination with cyclophosphamide and fludarabine

## Management of Immunotherapy-Related Toxicities ‡ 5,62

- Patient has been receiving therapy with an immune checkpoint inhibitor (e.g., cemiplimab, nivolumab, pembrolizumab, atezolizumab, avelumab, durvalumab, ipilimumab, dostarlimab, nivolumab/relatlimab-rmbw, tremelimumab, etc.); **AND**
  - Patient has encephalitis related to immunotherapy; **AND**
    - Patient is autoimmune-encephalopathy-antibody positive; **OR**
    - Patient has had limited to no improvement after 7 to 14 days on pulse-dose corticosteroids with or without intravenous immunoglobulin (IVIG); **OR**
  - Patient has bullous dermatitis related to immunotherapy; **AND**
    - Used as additional therapy for moderate (G2), severe (G3) or life-threatening (G4) disease; **OR**
  - Patient has moderate, severe, or life-threatening steroid-refractory myositis (proximal muscle weakness, neck flexor weakness, with or without myalgias) related to immunotherapy; **AND**
    - Used for significant dysphagia, life-threatening situations, or cases refractory to corticosteroids; **OR**
  - Patient has myasthenia gravis related to immunotherapy; **AND**
    - Used as additional therapy for severe (G3-4) disease that is refractory to plasmapheresis or IVIG

## Non-Oncology Indications

- Patient is not on concurrent treatment with another CD20-directed therapy, TNF-inhibitor, IL-inhibitor, biologic response modifier or other non-biologic agent (e.g., apremilast, abrocitinib, tofacitinib, baricitinib, upadacitinib, deucravacitinib, etc.); **AND**

## Rheumatoid Arthritis (RA) † 1-4,46-49,112,113

- Physician has assessed baseline disease severity utilizing an objective measure/tool; **AND**
  - Documented moderate to severe active disease; **AND**
  - Used in combination with methotrexate unless the patient has a contraindication or intolerance; **AND**
  - Patient tried and failed at least a 3-month trial with ONE oral disease modifying anti-rheumatic drug (DMARD) (e.g., methotrexate, azathioprine, auranofin, hydroxychloroquine, penicillamine, sulfasalazine, leflunomide, etc.); **AND**
  - Patient has not had treatment with rituximab in the previous 4 months; **AND**
- Patient must try and have an inadequate response, contraindication, or intolerance to at least a three (3) month trial of Enbrel AND Humira; **OR**
  - Patient is continuing treatment

### **Pemphigus Vulgaris † ☐ 1,10,11,35,36,38,61,80,114,139**

- Patient has a diagnosis of pemphigus vulgaris as determined by the following:
  - Patient has one or more of the following clinical features:
    - Appearance of lesions, erosions and/or blisters
    - Nikolsky sign (induction of blistering via mechanical pressure at the edge of a blister or on normal skin)
    - Characteristic scarring and lesion distribution; **AND**
  - Histopathologic confirmation by skin/mucous membrane biopsy; **AND**
  - Positive direct immunofluorescence (DIF) microscopy result **OR** the presence of autoantibodies as detected by indirect immunofluorescence (IIF) or enzyme-linked immunosorbent assay (ELISA); **AND**
- Patient has moderate to severe disease as assessed utilizing an objective measure/tool (e.g., PDAI, PSS, ABSIS, etc.); **AND**
- Used in combination with glucocorticoids (e.g., prednisone, prednisolone, etc.); **AND**
- Other causes of blistering or erosive skin and mucous membrane diseases have been ruled out

### **Granulomatosis with Polyangiitis (GPA) (Wegener's Granulomatosis) and Microscopic Polyangiitis (MPA) † ☐ 1-4,125**

- Patient is at least 2 years of age; **AND**
- Used in combination with glucocorticoids (e.g., prednisone, methylprednisolone, etc.)

### **Thrombocytopenic Purpura ‡ 6-9,63,127**

- Diagnosis includes one of the following:
  - Primary thrombocytopenia or Idiopathic (Immune) thrombocytopenia purpura (ITP)
  - Evans syndrome; **AND**
- Patient has previously failed or has a contraindication or intolerance to therapy with corticosteroids; **AND**
- Patient is at increased risk for bleeding as indicated by platelet count (within the previous 28 days) less than  $30 \times 10^9/L$  ( $30,000/mm^3$ )

### **Thrombotic Thrombocytopenic Purpura (TTP) ‡ 16-18,20,21,126**

- Patient has immune-mediated or acquired disease with ADAMTS13-deficiency; **AND**
  - Used in combination with corticosteroids and therapeutic plasma exchange (TPE); **OR**
  - Used as a single agent as prophylactic therapy for patients in remission

### **Multiple Sclerosis (MS) ‡ 144,148**

- Patient must have a confirmed diagnosis of multiple sclerosis (MS) as documented by laboratory report (i.e., MRI); **AND**
- Patient has a diagnosis of a relapsing form of MS [i.e., relapsing-remitting MS (RRMS)\*, active secondary progressive disease (SPMS)\*\*, or clinically isolated syndrome (CIS)\*\*\*]

**\*Definitive diagnosis of MS with a relapsing-remitting course is based upon BOTH dissemination in time and space. Unless contraindicated, MRI should be obtained (even if criteria are met).<sup>148</sup>**

<u>Dissemination in time</u> <i>(Development/appearance of new CNS lesions over time)</i>	<u>Dissemination in space</u> <i>(Development of lesions in distinct anatomical locations within the CNS; multifocal)</i>
<ul style="list-style-type: none"> <li>• <math>\geq 2</math> clinical attacks; <b>OR</b></li> <li>• 1 clinical attack <u>AND</u> one of the following:               <ul style="list-style-type: none"> <li>○ MRI indicating simultaneous presence of gadolinium-enhancing and non-enhancing lesions at any time or by a new T2-hyperintense or gadolinium-enhancing lesion on follow-up MRI compared to baseline scan</li> <li>○ CSF-specific oligoclonal bands</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <math>\geq 2</math> lesions; <b>OR</b></li> <li>• 1 lesion <u>AND</u> one of the following:               <ul style="list-style-type: none"> <li>○ Clear-cut historical evidence of a previous attack involving a lesion in a distinct anatomical location</li> <li>○ MRI indicating <math>\geq 1</math> T2-hyperintense lesions characteristic of MS in <math>\geq 2</math> of 4 areas of the CNS (periventricular, cortical or juxtacortical, infratentorial, or spinal cord)</li> </ul> </li> </ul>

**\*\* Active secondary progressive MS (SPMS) is defined as the following:<sup>145,148-150</sup>**

- Expanded Disability Status Scale (EDSS) score  $\geq 3.0$ ; **AND**
- Disease is progressive  $\geq 3$  months following an initial relapsing-remitting course (i.e., EDSS score increase by 1.0 in patients with EDSS  $\leq 5.5$  or increase by 0.5 in patients with EDSS  $\geq 6$ ); **AND**
  - $\geq 1$  relapse within the previous 2 years; **OR**
  - Patient has gadolinium-enhancing activity OR new or unequivocally enlarging T2 contrast-enhancing lesions as evidenced by MRI

**\*\*\* Definitive diagnosis of CIS is based upon ALL of the following:<sup>148</sup>**

- A monophasic clinical episode with patient-reported symptoms and objective findings reflecting a focal or multifocal inflammatory demyelinating event in the CNS
- Neurologic symptom duration of at least 24 hours, with or without recovery
- Absence of fever or infection
- Patient is not known to have multiple sclerosis

### **Autoimmune Hemolytic Anemia (AIHA) ‡<sup>26-32</sup>**

- Patient has warm-reactive disease refractory to or dependent on glucocorticoids; **OR**
- Patient has cold agglutinin disease with symptomatic anemia, transfusion-dependence, and/or disabling circulatory symptoms

### **Systemic Lupus Erythematosus (SLE) ‡<sup>153-155,158-163</sup>**

- Patient has a confirmed diagnosis of SLE as evidenced by all of the following:



- Confirmed SLE classification criteria score  $\geq 10^*$  (*Note: must include clinical and immunologic domains criteria*)
- Anti-nuclear antibody (ANA) titer of  $\geq 1:80$  measured via indirect immunofluorescence (IIF) on human epithelial (HEp-2) cells (or an equivalent ANA positive test) at least once; **AND**
- Patient has failed to respond adequately to at least two (2) standard therapies such as anti-malarials (i.e. hydroxychloroquine, chloroquine), corticosteroids, non-steroidal anti-inflammatory drugs (NSAIDs), aspirin, immunosuppressives (i.e. azathioprine, methotrexate, cyclosporine, oral cyclophosphamide, or mycophenolate); **AND**
- Patient has moderate to severe active disease defined as a Physician’s Global Assessment (PGA) score of  $> 1$  AND one of the following:
  - Systemic Lupus Erythematosus Disease Activity Index 2000 (SLEDAI 2K) score of  $\geq 6$
  - Disease activity with  $\geq 2$  systems with British Isles Lupus Assessment Group-2004 (BILAG) B scores
  - $\geq 1$  system(s) with British Isles Lupus Assessment Group-2004 (BILAG) A score(s)

<b>*Classification Criteria for Systemic Lupus Erythematosus (SLE) <sup>159</sup></b>	
<b>Clinical Score <sup>Δ</sup></b> (range: 0-39)	<b>Clinical Domains and Criteria</b>
2	<b>Constitutional:</b> Unexplained fever $> 101^{\circ}\text{F}$
3	<b>Hematologic:</b> White blood cell count $< 4,000/\text{mm}^3$
4	Platelet count $< 100,000/\text{mm}^3$ or Autoimmune hemolysis
2	<b>Neuropsychiatric:</b> Delirium
3	Psychosis
5	Primary generalized seizure or partial/focal seizure
2	<b>Mucocutaneous +:</b> Non-scarring alopecia or oral ulcers
4	Subacute cutaneous or discoid lupus
8	Acute cutaneous lupus
5	<b>Serosal:</b> Pleural or pericardial effusion
6	Acute pericarditis
6	<b>Musculoskeletal:</b> Joint involvement with either synovitis involving 2 or more joints with swelling or effusion OR tenderness in 2 or more joints with at least 30 minutes of morning stiffness
4	<b>Renal:</b> Proteinuria $> 0.5\text{g}/24$ hr by a 24-hour urine or equivalent spot urine protein-to-creatinine ratio
8	Renal biopsy class II or V lupus nephritis
10	Renal biopsy Class III or IV lupus nephritis
<b>Immunologic Score <sup>Δ</sup></b> (range: 0-12)	<b>Immunologic Domains and Criteria</b>

2	<b>Presence of antiphospholipid antibodies</b> (i.e., positive lupus anticoagulant, positive anti-β2GP1 antibodies, and/or anti-cardiolipin antibodies at medium or high titer)
3	<b>Presence of low complement proteins</b> (below lower limit of normal): Low C3 OR low C4
4	Low C3 AND C4
6	<b>Presence of anti-Sm and/or anti-dsDNA antibodies</b>
<p>* A web-based scoring calculator as well as further definitions of each criterion are available at: <a href="https://rheumatology.org/criteria">https://rheumatology.org/criteria</a></p> <p>△ Occurrence on at least one occasion is sufficient to count toward score when all other causes have been ruled out. Count only the highest weighted score within each of the 10 domains (7 clinical and 3 immunologic) and any additional criteria within the same domain will not count.</p> <p>+ Observed by a physician via clinical exam or photograph review</p>	

### Lupus Nephritis ‡ 115-117,132,153,155,159

- Patient has disease that is non-responsive or refractory to standard first-line therapy (i.e., mycophenolate mofetil, mycophenolic acid, cyclophosphamide, or calcineurin inhibitors [e.g., tacrolimus]); **AND**
- Used as a single agent OR as add-on therapy in combination with mycophenolate mofetil, mycophenolic acid, or cyclophosphamide

### Generalized Myasthenia Gravis (gMG)

- Patient is 18 years or older; **AND**
- Documented baseline disease severity utilizing a standardized scale (e.g., Osserman score, Myasthenia Gravis Foundation of America (MGFA) clinical manifestations, etc.); **AND**
- Patient has failed treatment over at least 1 year with at least 2 immunosuppressive therapies (e.g., azathioprine, cyclosporine, mycophenolate, etc), or has failed at least 1 immunosuppressive therapy and required chronic plasmapheresis or plasma exchange (PE) or intravenous immunoglobulin (IVIG)

### Complications of Transplanted Solid Organ (kidney, liver, lung, heart, pancreas) in Adult and Pediatric\* Patients 133-138

- Used for suppression of panel reactive anti-human leukocyte antigen (HLA) antibodies prior to transplantation; **OR**
- Used for treatment of antibody-mediated rejection of solid organ transplantation

*\*Note: There is no minimum age requirement for this indication*

### Neuromyelitis Optica Spectrum Disorder (NMOSD) ‡ 90-92,157,165

- Patient has a confirmed diagnosis based on the following:
  - Patient was found to be seropositive for aquaporin-4 (AQP4) IgG antibodies; **AND**
    - Patient has at least one core clinical characteristic § (*\*Note: some core clinical characteristics require both clinical and typical MRI findings*); **AND**

- Alternative diagnoses have been excluded [e.g., myelin oligodendrocyte glycoprotein (MOG) antibody disease (MOGAD), multiple sclerosis, sarcoidosis, cancer, chronic infection, etc.]; **OR**
- Patient is seronegative for AQP4-IgG antibodies OR has unknown AQP4-IgG status; **AND**
  - Patient has at least two core clinical characteristics § occurring as a result of one or more clinical attacks; **AND**
  - Patient has experienced ALL of the following:
    - At least 1 core clinical characteristic must be acute optic neuritis, acute myelitis, or area postrema syndrome
    - Fulfillment of typical MRI findings requirements for each area affected **ψ**; **AND**
  - Alternative diagnoses have been excluded [e.g., myelin oligodendrocyte glycoprotein (MOG) antibody disease (MOGAD), multiple sclerosis, sarcoidosis, cancer, chronic infection, etc.]; **AND**
- Used as a single agent or in combination with immunosuppressive therapy (e.g., azathioprine, methotrexate, mycophenolate, etc.)

#### § Core Clinical Characteristics of NMOSD <sup>90,157</sup>

- Acute optic neuritis
- Acute myelitis
- Acute area postrema syndrome (APS): episode of otherwise unexplained hiccups and/or nausea and vomiting (lasting for at least 48 hours or with MRI evidence of a dorsal brainstem lesion)
- Acute brainstem syndrome other than APS
- Symptomatic narcolepsy or acute diencephalic clinical syndrome with NMOSD-typical diencephalic lesion on MRI **∯**
- Acute cerebral syndrome with NMOSD-typical brain lesion on MRI **§**

#### ψ Typical MRI findings in NMOSD related to clinical presentation (T2 unless noted otherwise) <sup>157</sup>

- Optic neuritis: Normal cerebral MRI (or only nonspecific white matter lesions) OR longitudinally extensive optic nerve lesion ( $\geq$  half of the length of the optic nerve or involving optic chiasm; T2 or T1/Gd)
- Myelitis: Intramedullary lesion  $\geq$  3 contiguous VS (LETM) OR focal atrophy  $\geq$  3 contiguous VS in patients with a history of acute myelitis
- Area postrema syndrome (APS): Lesion in the dorsal medulla oblongata/area postrema
- Other brainstem syndrome: Periependymal brainstem lesion (4th ventricle)
- **∯** Diencephalic syndrome: Periependymal lesion (3rd ventricle) OR hypothalamic/thalamic lesion
- **§** Cerebral syndrome: Extensive periependymal lesion (lateral ventricle; often with Gd) OR long ( $>$  1/2 length), diffuse, heterogeneous or edematous corpus callosum lesion OR long corticospinal tract lesion (unilateral or bilateral, contiguously involving internal capsule and cerebral peduncle) OR large, confluent (unilateral or bilateral) subcortical or deep white matter lesion

*\*LETM = longitudinally extensive transverse myelitis lesions*

Preferred therapies and recommendations are determined by review of clinical evidence. NCCN category of recommendation is taken into account as a component of this review. Regimens deemed equally efficacious (i.e., those having the same NCCN categorization) are considered to be therapeutically equivalent.

† FDA Approved Indication(s); ‡ Compendia Recommended Indication(s); Ⓢ Orphan Drug

#### IV. **Renewal Criteria** <sup>1-4</sup>

Coverage may be renewed based upon the following criteria:

- Patient continues to meet the universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: severe infusion-related reactions, tumor lysis syndrome (TLS), severe mucocutaneous reactions, progressive multifocal leukoencephalopathy (PML), hepatitis B virus reactivation, serious infections (bacterial, fungal or viral), cardiovascular adverse reactions (e.g., ventricular fibrillation, myocardial infarction, cardiogenic shock, cardiac arrhythmias), renal toxicity, bowel obstruction and perforation, etc.; **AND**

#### **Oncology Indications** <sup>1-5,23-25,34,44,50,62,80,94-98,102-104,129,130,102-104,128</sup>

- Patient has not exceeded dosing or duration limits as defined in Sections I, II, and V; **AND**

#### **Adult Acute Lymphoblastic Leukemia (ALL)**

- Treatment response or stabilization of disease as indicated by CBC, bone marrow cytogenic analysis, QPCR, or FISH

#### **Pediatric B-Cell Acute Leukemia and Aggressive Mature B-Cell Lymphomas (induction or consolidation therapy)**

- Coverage may NOT be renewed

#### **Chronic Graft-Versus-Host Disease (cGVHD)**

- Coverage may NOT be renewed

#### **Hematopoietic Cell Transplantation**

- Coverage may NOT be renewed

#### **Management of Immunotherapy-Related Toxicities**

- Coverage for use in the treatment of myositis/myasthenia gravis/encephalitis may NOT be renewed
- Coverage for use in bullous dermatitis: Patient has not exceeded a maximum of 18 months of therapy (4 total doses)

#### **All Other Oncology Indications**

- Disease response with treatment as defined by stabilization of disease or decrease in size of tumor or tumor spread

### **Non-Oncology Indications** <sup>1-4</sup>

#### **Rheumatoid Arthritis (RA)**

- Disease response as indicated by improvement in signs and symptoms compared to baseline such as the number of tender and swollen joint counts, reduction of C-reactive protein, improvement of patient global assessment, and/or an improvement on a disease activity scoring tool [e.g. an improvement on a composite scoring index such as Disease Activity Score-28 (DAS28) of 1.2 points or more or a  $\geq 20\%$  improvement on the American College of Rheumatology-20 (ACR20) criteria]; **AND**
- Dose escalation (up to the maximum dose and frequency specified below) may occur upon clinical review on a case by case basis provided that the patient has:
  - Shown an initial response to therapy; **AND**
  - Received a minimum of one maintenance dose at the dose and interval specified below; **AND**
  - Responded to therapy with subsequent loss of response

#### **Thrombocytopenic Purpura (ITP or Evans Syndrome)** <sup>7-9</sup>

- Disease response as indicated by the achievement and maintenance of a platelet count of at least  $50 \times 10^9/L$  as necessary to reduce the risk for bleeding

#### **Thrombotic Thrombocytopenic Purpura (TTP)**

- Disease response as indicated by an increase in ADAMTS13 activity with a reduction in thrombotic risk

#### **Multiple Sclerosis (MS)** <sup>147,151</sup>

- Continuous monitoring of response to therapy indicates a beneficial response\* [manifestations of MS disease activity include, but are not limited to, an increase in annualized relapse rate (ARR), development of new/worsening T2 hyperintensities or enhancing lesions on brain/spinal MRI, and progression of sustained impairment as evidenced by expanded disability status scale (EDSS), timed 25-foot walk (T25-FW), 9-hole peg test (9-HPT)]

**\*Note:**

- Inadequate response, in those who have been adherent and receiving therapy for sufficient time to realize the full treatment effect, is defined as  $\geq 1$  relapse,  $\geq 2$  unequivocally new MRI-detected lesions, or increased disability on examination over a one-year period.

#### **Granulomatosis with Polyangiitis (GPA) (Wegener's granulomatosis) and Microscopic Polyangiitis (MPA)**

- Disease response as indicated by disease control and improvement in signs and symptoms of condition compared to baseline; **AND**
- Decreased frequency in the occurrence of major relapses (defined by the reappearance of clinical and/or laboratory signs of vasculitis activity that could lead to organ failure or damage, or could be life threatening)

### **Pemphigus Vulgaris** <sup>10,11,35,61</sup>

- Patient is currently receiving tapering doses of corticosteroids or has discontinued use of corticosteroids; **AND**
  - Disease response as indicated by one of the following:
    - Complete epithelialization of lesions and improvement in signs and symptoms of condition compared to baseline
    - Patient has not developed new lesions and established lesions begin to heal
    - For Relapses ONLY: Patient previously achieved disease control; **AND**
      - Patient has the appearance of 3 or more new lesions a month that do not heal spontaneously within 1 week, or by the extension of established lesions

### **Autoimmune Hemolytic Anemia (AIHA)** <sup>31,152</sup>

- Disease response as indicated by improvement in signs and symptoms of anemia (e.g., dyspnea, fatigue, etc.); **AND**
- Patient has had an improvement in laboratory values (e.g., hemoglobin, hematocrit, etc.), reduced transfusion needs, and/or reduced glucocorticoid use

### **Systemic Lupus Erythematosus (SLE)** <sup>153,155,158,161-163</sup>

- Adequate documentation of disease stability and/or improvement as indicated by one or more of the following when compared to pre-treatment baseline:
  - Improvement in the SELENA-SLEDAI-2K; **OR**
  - Reduction of baseline BILAG-2004 from A to B or from B to C/D, and no BILAG-2004 worsening in other organ systems, as defined by  $\geq 2$  new BILAG-2004 B; **OR**
  - No worsening ( $< 0.30$  points increase) in Physician's Global Assessment (PGA) score; **OR**
  - Seroconverted (negative)

### **Lupus Nephritis** <sup>115-117</sup>

- Coverage may only be renewed in patients experiencing a disease relapse (e.g., increased serum creatinine, increase in protein urine excretion, decrease in eGFR, etc.)

### **Generalized Myasthenia Gravis (gMG)**

- Disease response from pretreatment baseline utilizing a standardized scale

### **Complications of Transplanted Solid Organ (kidney, liver, lung, heart, pancreas)** <sup>133-138</sup>

- Coverage may NOT be renewed.

### NMOSD <sup>90,91</sup>

- Disease response as indicated by stabilization/improvement in any of the following:
  - Neurologic symptoms as evidenced by a decrease in acute relapses or improvement of stability
  - Reduced hospitalizations
  - Reduction/discontinuation in plasma exchange treatments
  - Reduction/discontinuation of corticosteroids without relapse

## V. Dosage/Administration <sup>1-5,9,19,23-26,32,34,40,42,44,50,62,80,83-89,91,94-98,102-111,115-118,122-125,128-133,135-137,140,152,164,165</sup>

Indication		Dose
CLL/SLL	Initial Therapy	375 mg/m <sup>2</sup> intravenously (IV) weekly for 8 doses; <b>OR</b> 375 mg/m <sup>2</sup> IV cycle 1, then 500 mg/m <sup>2</sup> every 28 days cycles 2-6 (6 total doses); <b>OR</b> 375 mg/m <sup>2</sup> IV cycle 1, followed by 500 mg/m <sup>2</sup> every 2 weeks for 4 doses, then 500 mg/m <sup>2</sup> every 28 days for 3 doses (8 total doses)
	<i>Renewal Therapy</i>	375 mg/m <sup>2</sup> IV every 3 months; <b>OR</b> 500 mg/ m <sup>2</sup> IV every 8 weeks
Adult B-Cell Lymphomas, Waldenström Macroglobulinemia, or Adult HL	Initial Therapy	375 mg/m <sup>2</sup> IV once weekly for 4 - 8 doses in a 6 month period
	<i>Renewal Therapy</i>	375 mg/m <sup>2</sup> IV once weekly for 4 doses per 6 month period; <b>OR</b> 375 mg/ m <sup>2</sup> IV every 8 weeks
Pediatric Aggressive Mature B-Cell Lymphomas		<p><b><u>Induction* [courses 1 and 2 (COPDAM1 and COPDAM2)]</u></b> 375 mg/m<sup>2</sup> IV, two doses during each of the induction courses (Day -2 and Day 1). <i>During the 1<sup>st</sup> induction course, prednisone is given as part of the chemotherapy course, and should be administered prior to rituximab. Rituximab will be given 48 hours after the first infusion of rituximab.</i></p> <p><b><u>Consolidation* [courses 1 and 2 (CYM/CYVE)]</u></b> 375 mg/m<sup>2</sup> IV, one dose during each of the consolidation courses (Day 1)</p> <p><b><u>Relapsed/Refractory</u></b> RCYVE – 375mg/m<sup>2</sup> IV on day 1 of each 21-day cycle RICE – 375 mg/m<sup>2</sup> IV on days 1 and 3 of courses 1 and 2, and on day 1 only of course 3 if needed.</p> <p><i>*Note: dosing and dosing schedules are highly variable and dependent on regimen used, please refer to NCCN and PI for additional protocols.</i></p>

Indication	Dose
Pediatric Mature B-Cell Acute Leukemia	<p><b><u>Induction* [courses 1 and 2 (COPDAM1 and COPDAM2)]</u></b>  375 mg/m<sup>2</sup> IV, two doses during each of the induction courses (Day -2 and Day 1).  <i>During the 1<sup>st</sup> induction course, prednisone is given as part of the chemotherapy course, and should be administered prior to rituximab. Rituximab will be given 48 hours after the first infusion of rituximab.</i></p> <p><b><u>Consolidation* [courses 1 and 2 (CYM/CYVE)]</u></b>  375 mg/m<sup>2</sup> IV, one dose during each of the consolidation courses (Day 1)  <i>*Note: dosing and dosing schedules are highly variable and dependent on regimen used, please refer to NCCN and PI for additional protocols.</i></p>
CNS Lymphoma	<p><b><u>Intravenous administration</u></b>  <u>Initial Therapy:</u> 375 mg/m<sup>2</sup> IV once weekly for 4 - 8 doses in a 6 month period  <u>Renewal Therapy:</u> 375 mg/m<sup>2</sup> IV once weekly for 4 doses per 6 month period; <b>OR</b>  375 mg/ m<sup>2</sup> IV every 8 weeks  <b><u>Intrathecal/Intraventricular administration</u></b>  10-40 mg weekly to every 3 weeks</p>
ALL	375 mg/m <sup>2</sup> IV up to twice weekly for a total of 16 to 18 infusions (e.g., induction [days 1 and 7], salvage reinduction when necessary [days 1 and 7], consolidation [4 infusions: blocks 1, 3, 4, and 6], late intensification [days 1 and 7], late consolidation [2 infusions: blocks 7 and 9], and maintenance [6 infusions])
Hairy Cell Leukemia	375 mg/m <sup>2</sup> IV once weekly for 4 – 8 doses; <b>OR</b> 375mg/m <sup>2</sup> IV on days 1 and 15 every 28 days for 4 cycles, then 375mg/m <sup>2</sup> IV every 4 weeks for 4 cycles (up to 8 <u>total</u> cycles)
RA	1,000 mg IV on days 1 and 15, repeated every 24 weeks. May repeat up to every 16 weeks following the previous infusion in patients requiring more frequent dosing based on clinical evaluation.
Pemphigus Vulgaris	<p><b><u>Initiation</u></b>  1,000 IV mg on days 1 and 15; <b>OR</b>  375 mg/m<sup>2</sup> IV weekly for 4 doses</p> <p><b><u>Maintenance</u></b>  500 mg IV at month 12 and repeat every 6 months thereafter or based on clinical evaluation.</p> <p><b><u>Relapse</u></b>  1,000 IV mg upon relapse, resumption of glucocorticoids may be considered.</p>



Indication	Dose
	*Subsequent infusions (maintenance and relapse) should be no sooner than 16 weeks after the previous infusion.
AIHA	<u>Warm-reactive disease</u> 375 mg/m <sup>2</sup> IV weekly for 4 doses in a 6 month period; <b>OR</b> 1,000 mg IV on days 1 and 15  <u>Cold agglutinin disease</u> 375 mg/m <sup>2</sup> IV weekly for 4 doses in a 6 month period
Thrombocytopenic Purpura or Thrombotic Thrombocytopenic Purpura (TTP)	375 mg/m <sup>2</sup> IV weekly for 4 doses; <b>OR</b> 1,000 mg IV on days 1 and 15
Management of Immunotherapy-Related Toxicities	<u>Bullous Dermatitis</u> 1,000 mg IV every 2 weeks for 2 doses, then 500 mg IV at months 12 and 18 as needed  <u>Myositis</u> 375 mg/m <sup>2</sup> IV weekly for 4 doses  <u>Myasthenia Gravis</u> 375 mg/m <sup>2</sup> IV weekly for 4 doses; <b>OR</b> 500 mg/m <sup>2</sup> IV every 2 weeks for 2 doses  <u>Encephalitis</u> 1,000 mg IV every 2 weeks for 2 doses; <b>OR</b> 375 mg/m <sup>2</sup> IV weekly for 4 doses
GPA (WG), MPA	<u>Induction (Pediatric and Adult)</u> 375 mg/m <sup>2</sup> IV weekly for 4 doses; <b>OR</b> – Adults: 1,000 mg IV on days 1 and 15; <b>OR</b> – Pediatric (up to a maximum of 1,000 mg per dose): ○ 575 mg/m <sup>2</sup> IV on days 1 and 15 (BSA ≤1.5m <sup>2</sup> ) ○ 750 mg/m <sup>2</sup> IV on days 1 and 15 (BSA >1.5m <sup>2</sup> )  <u>Maintenance</u> – Pediatric: ○ 250 mg/m <sup>2</sup> IV on days 1 and 15, then 250 mg/m <sup>2</sup> IV every 6 months thereafter based on clinical evaluation – Adult: ○ 500 mg IV on days 1 and 15, then 500 mg IV every 6 months thereafter based on clinical evaluation.  <i>*Initial MAINTENANCE infusions should be no sooner than 16 weeks and no later than 24 weeks after the previous infusion if rituximab was used for initial induction therapy.</i>

Indication	Dose
	<i>*Initial MAINTENANCE infusions should be initiated within 4 weeks following disease control when initial induction occurred with other standard of care immunosuppressants.</i>
cGVHD	375 mg/m <sup>2</sup> IV weekly for 4 doses, then 375 mg/m <sup>2</sup> IV monthly for 4 months <b>-OR-</b> 375 mg/m <sup>2</sup> IV weekly for 4 doses (Note: A second course of 4 weekly doses may be administered 8 weeks after initial therapy for patients with lack of or incomplete response.) <b>-OR-</b> 375 mg/m <sup>2</sup> IV weekly for 4 - 8 doses
Hematopoietic Cell Transplantation	<u>Conditioning:</u> 375 mg/m <sup>2</sup> IV for 1 day before transplant, then 1000 mg/m <sup>2</sup> IV on days 1,8, and 15 after transplant
Multiple Sclerosis	1,000 mg IV on days 1 and 15, repeat every 6 months
NMOSD	1,000 mg IV once on days 1 and 15, repeat every 6 months <b>-OR-</b> 375 mg/m <sup>2</sup> once weekly for 4 weeks, repeat every 6 months
SLE	1,000 mg IV on days 1 and 15 <b>-OR-</b> 375 mg/m <sup>2</sup> IV once weekly for 4 doses
Lupus Nephritis	1,000 mg IV on days 1 and 15 <b>-OR-</b> 375 mg/m <sup>2</sup> IV once weekly for 4 doses
gMG	375 mg/m <sup>2</sup> weekly x 4 doses; may re-treat with an additional 375 mg/m <sup>2</sup> monthly for up to 3 additional months
Complications of transplanted solid organ (kidney, liver, lung, heart, pancreas)	<ul style="list-style-type: none"> <li>- Adults and pediatrics weighing ≥0.5 m<sup>2</sup>: 375 mg/m<sup>2</sup> weekly for up to 4 doses</li> <li>- Pediatrics weighing &lt;0.5 m<sup>2</sup>: 12.5 mg/kg weekly for up to 4 doses</li> </ul>
<i>Abbreviations: COP = Cyclophosphamide, Oncovin (vincristine), Prednisone; COPDAM = Cyclophosphamide, Oncovin (vincristine), Prednisolone, Adriamycin (doxorubicin), Methotrexate; CYM = Cytarabine (Ara-C), Methotrexate; CYVE = Cytarabine (Ara-C), Vepesid (Etoposide, VP-16); RICE = Rituximab, Ifosfamide, Carboplatin, Etoposide (VP-16)</i>	

## VI. Billing Code/Availability Information

### HCPCS Code(s):

- J9312 – Injection, rituximab, 10 mg; 1 billable unit = 10 mg (*Rituxan IV only*)
- Q5115 – Injection, rituximab-abbs, biosimilar, (truxima), 10 mg; 1 billable unit = 10 mg
- Q5119 – Injection, rituximab-pvvr, biosimilar, (ruxience), 10 mg; 1 billable unit = 10 mg

- Q5123 – Injection, rituximab-arrx, biosimilar, (riabni), 10 mg; 1 billable unit = 10 mg

NDC(s):

- Rituxan 100 mg/10 mL single-dose vial for injection: 50242-0051-xx
- Rituxan 500 mg/50 mL single-dose vial for injection: 50242-0053-xx
- Truxima 100 mg/10 mL single-dose vial for injection: 63459-0103-xx
- Truxima 500 mg/50 mL single-dose vial for injection: 63459-0104-xx
- Ruxience 100 mg/10 mL single-dose vial for injection: 00069-0238-xx
- Ruxience 500 mg/50 mL single-dose vial for injection: 00069-0249-xx
- Riabni 100 mg/10 mL single-dose vial for injection: 55513-0224-xx
- Riabni 500 mg/50 mL single-dose vial for injection: 55513-0326-xx

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## Appendix 1 – Covered Diagnosis Codes

ICD-10	Description
C79.32	Secondary malignant neoplasm of cerebral meninges
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites
C82.00	Follicular lymphoma grade I, unspecified site
C82.01	Follicular lymphoma grade I, lymph nodes of head, face and neck
C82.02	Follicular lymphoma, grade I, intrathoracic lymph nodes
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal regional and lower limb
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes
C82.07	Follicular lymphoma grade I, spleen
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites
C82.10	Follicular lymphoma grade II, unspecified site
C82.11	Follicular lymphoma grade II, lymph nodes of head, face and neck
C82.12	Follicular lymphoma, grade II, intrathoracic lymph nodes



C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes
C82.17	Follicular lymphoma grade II, spleen
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites
C82.20	Follicular lymphoma grade III, unspecified, unspecified site
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face and neck
C82.22	Follicular lymphoma, grade III, unspecified, intrathoracic lymph nodes
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes
C82.27	Follicular lymphoma grade III, unspecified, spleen
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites
C82.30	Follicular lymphoma grade IIIa, unspecified site
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face and neck
C82.32	Follicular lymphoma, grade IIIa, intrathoracic lymph nodes
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes
C82.37	Follicular lymphoma grade IIIa, spleen
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites
C82.40	Follicular lymphoma grade IIIb, unspecified site
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face and neck
C82.42	Follicular lymphoma, grade IIIb, intrathoracic lymph nodes
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes
C82.47	Follicular lymphoma grade IIIb, spleen
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites
C82.50	Diffuse follicle center lymphoma, unspecified site

C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face and neck
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes
C82.57	Diffuse follicle center lymphoma, spleen
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites
C82.60	Cutaneous follicle center lymphoma, unspecified site
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face and neck
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes
C82.67	Cutaneous follicle center lymphoma, spleen
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites
C82.80	Other types of follicular lymphoma, unspecified site
C82.81	Other types of follicular lymphoma, lymph nodes of head, face and neck
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes
C82.87	Other types of follicular lymphoma, spleen
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites
C82.90	Follicular lymphoma, unspecified, unspecified site
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face and neck
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb
C82.95	Follicular lymphoma, unspecified lymph nodes of inguinal region and lower limb
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes
C82.97	Follicular lymphoma, unspecified, spleen
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites

C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites
C83.00	Small cell B-cell lymphoma, unspecified site
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face and neck
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes
C83.07	Small cell B-cell lymphoma, spleen
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites
C83.10	Mantle cell lymphoma, unspecified site
C83.11	Mantle cell lymphoma, lymph nodes of head, face and neck
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes
C83.17	Mantle cell lymphoma, spleen
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites
C83.19	Mantle cell lymphoma, extranodal and solid organ sites
C83.30	Diffuse large B-cell lymphoma unspecified site
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck
C83.32	Diffuse large B-cell lymphoma intrathoracic lymph nodes
C83.33	Diffuse large B-cell lymphoma intra-abdominal lymph nodes
C83.34	Diffuse large B-cell lymphoma lymph nodes of axilla and upper limb
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb
C83.36	Diffuse large B-cell lymphoma intrapelvic lymph nodes
C83.37	Diffuse large B-cell lymphoma, spleen
C83.38	Diffuse large B-cell lymphoma lymph nodes of multiple sites
C83.39	Diffuse large B-cell lymphoma extranodal and solid organ sites
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes

C83.57	Lymphoblastic (diffuse) lymphoma, spleen
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites
C83.70	Burkitt lymphoma, unspecified site
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck
C83.72	Burkitt lymphoma, intrathoracic lymph nodes
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb
C83.76	Burkitt lymphoma, intrapelvic lymph nodes
C83.77	Burkitt lymphoma, spleen
C83.78	Burkitt lymphoma, lymph nodes of multiple sites
C83.79	Burkitt lymphoma, extranodal and solid organ sites
C83.80	Other non-follicular lymphoma, unspecified site
C83.81	Other non-follicular lymphoma, lymph nodes of head, face and neck
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes
C83.87	Other non-follicular lymphoma, spleen
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites
C83.90	Non-follicular (diffuse) lymphoma, unspecified site
C83.91	Non-follicular (diffuse) lymphoma, unspecified lymph nodes of head, face, and neck
C83.92	Non-follicular (diffuse) lymphoma, unspecified intrathoracic lymph nodes
C83.93	Non-follicular (diffuse) lymphoma, unspecified intra-abdominal lymph nodes
C83.94	Non-follicular (diffuse) lymphoma, unspecified lymph nodes of axilla and upper limb
C83.95	Non-follicular (diffuse) lymphoma, unspecified lymph nodes of inguinal region and lower limb
C83.96	Non-follicular (diffuse) lymphoma, unspecified intrapelvic lymph nodes
C83.97	Non-follicular (diffuse) lymphoma, unspecified spleen
C83.98	Non-follicular (diffuse) lymphoma, unspecified lymph nodes of multiple sites
C83.99	Non-follicular (diffuse) lymphoma, unspecified extranodal and solid organ sites
C85.10	Unspecified B-cell lymphoma, unspecified site
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb

C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes
C85.17	Unspecified B-cell lymphoma, spleen
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face and neck
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face and neck
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region of lower limb
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes
C85.87	Other specified types of non-Hodgkin lymphoma, spleen
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites
C88.0	Waldenström macroglobulinemia
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue (MALT-lymphoma)
C91.00	Acute lymphoblastic leukemia not having achieved remission
C91.01	Acute lymphoblastic leukemia, in remission
C91.02	Acute lymphoblastic leukemia, in relapse
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse
C91.40	Hairy cell leukemia not having achieved remission
C91.42	Hairy cell leukemia, in relapse
D47.Z1	Post-transplant lymphoproliferative disorder (PTLD)
D47.Z2	Other neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue-Castleman
D59.10	Autoimmune hemolytic anemia, unspecified

D59.11	Warm autoimmune hemolytic anemia
D59.12	Cold autoimmune hemolytic anemia
D59.13	Mixed type autoimmune hemolytic anemia
D59.19	Other autoimmune hemolytic anemia
D69.3	Immune thrombocytopenic purpura
D69.41	Evans Syndrome
D69.42	Congenital and hereditary thrombocytopenia purpura
D69.49	Other primary thrombocytopenia
D89.81	Chronic graft-versus-host disease
D89.81	Acute on chronic graft-versus-host disease
D89.81	Graft-versus-host disease unspecified
G04.81	Other encephalitis and encephalomyelitis
G04.89	Other myelitis
G04.90	Encephalitis and encephalomyelitis, unspecified
G35	Multiple sclerosis
G36.0	Neuromyelitis optica [Devic]
G70.0	Myasthenia gravis
G70.00	Myasthenia gravis without (acute) exacerbation
G70.01	Myasthenia gravis with (acute) exacerbation
L10.0	Pemphigus vulgaris
L13.8	Other specified bullous disorders
L13.9	Bullous disorder, unspecified
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site
M05.11	Rheumatoid lung disease with rheumatoid arthritis of right shoulder
M05.11	Rheumatoid lung disease with rheumatoid arthritis of left shoulder
M05.11	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder
M05.12	Rheumatoid lung disease with rheumatoid arthritis of right elbow
M05.12	Rheumatoid lung disease with rheumatoid arthritis of left elbow
M05.12	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow
M05.13	Rheumatoid lung disease with rheumatoid arthritis of right wrist
M05.13	Rheumatoid lung disease with rheumatoid arthritis of left wrist
M05.13	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist
M05.14	Rheumatoid lung disease with rheumatoid arthritis of right hand
M05.14	Rheumatoid lung disease with rheumatoid arthritis of left hand
M05.14	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand
M05.15	Rheumatoid lung disease with rheumatoid arthritis of right hip
M05.15	Rheumatoid lung disease with rheumatoid arthritis of left hip
M05.15	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip

M05.16	Rheumatoid lung disease with rheumatoid arthritis of right knee
M05.16	Rheumatoid lung disease with rheumatoid arthritis of left knee
M05.16	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee
M05.17	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot
M05.17	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot
M05.17	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of right elbow
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of left elbow
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of right wrist
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of left wrist
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of right hand
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of left hand
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of right hip
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of left hip
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of right knee
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of left knee
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site
M05.31	Rheumatoid heart disease with rheumatoid arthritis of right shoulder
M05.31	Rheumatoid heart disease with rheumatoid arthritis of left shoulder
M05.31	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder
M05.32	Rheumatoid heart disease with rheumatoid arthritis of right elbow
M05.32	Rheumatoid heart disease with rheumatoid arthritis of left elbow
M05.32	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow
M05.33	Rheumatoid heart disease with rheumatoid arthritis of right wrist

M05.33	Rheumatoid heart disease with rheumatoid arthritis of left wrist
M05.33	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist
M05.34	Rheumatoid heart disease with rheumatoid arthritis of right hand
M05.34	Rheumatoid heart disease with rheumatoid arthritis of left hand
M05.34	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand
M05.35	Rheumatoid heart disease with rheumatoid arthritis of right hip
M05.35	Rheumatoid heart disease with rheumatoid arthritis of left hip
M05.35	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip
M05.36	Rheumatoid heart disease with rheumatoid arthritis of right knee
M05.36	Rheumatoid heart disease with rheumatoid arthritis of left knee
M05.36	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee
M05.37	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot
M05.37	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot
M05.37	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site
M05.41	Rheumatoid myopathy with rheumatoid arthritis of right shoulder
M05.41	Rheumatoid myopathy with rheumatoid arthritis of left shoulder
M05.41	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder
M05.42	Rheumatoid myopathy with rheumatoid arthritis of right elbow
M05.42	Rheumatoid myopathy with rheumatoid arthritis of left elbow
M05.42	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow
M05.43	Rheumatoid myopathy with rheumatoid arthritis of right wrist
M05.43	Rheumatoid myopathy with rheumatoid arthritis of left wrist
M05.43	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist
M05.44	Rheumatoid myopathy with rheumatoid arthritis of right hand
M05.44	Rheumatoid myopathy with rheumatoid arthritis of left hand
M05.44	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand
M05.45	Rheumatoid myopathy with rheumatoid arthritis of right hip
M05.45	Rheumatoid myopathy with rheumatoid arthritis of left hip
M05.45	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip
M05.46	Rheumatoid myopathy with rheumatoid arthritis of right knee
M05.46	Rheumatoid myopathy with rheumatoid arthritis of left knee
M05.46	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee
M05.47	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot
M05.47	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot
M05.47	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites



M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems
M05.61	Rheumatoid arthritis of right shoulder with involvement of other organs and systems
M05.61	Rheumatoid arthritis of left shoulder with involvement of other organs and systems
M05.61	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems
M05.62	Rheumatoid arthritis of right elbow with involvement of other organs and systems
M05.62	Rheumatoid arthritis of left elbow with involvement of other organs and systems
M05.62	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems
M05.63	Rheumatoid arthritis of right wrist with involvement of other organs and systems
M05.63	Rheumatoid arthritis of left wrist with involvement of other organs and systems
M05.63	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems
M05.64	Rheumatoid arthritis of right hand with involvement of other organs and systems
M05.64	Rheumatoid arthritis of left hand with involvement of other organs and systems
M05.64	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems
M05.65	Rheumatoid arthritis of right hip with involvement of other organs and systems
M05.65	Rheumatoid arthritis of left hip with involvement of other organs and systems

M05.65	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems
M05.66	Rheumatoid arthritis of right knee with involvement of other organs and systems
M05.66	Rheumatoid arthritis of left knee with involvement of other organs and systems
M05.66	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems
M05.67	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems
M05.67	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems
M05.67	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems
M05.7	Rheumatoid arthritis with rheumatoid factor of other specified site without organ or systems
M05.71	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement
M05.71	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement
M05.71	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems
M05.72	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement
M05.72	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement
M05.72	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems
M05.73	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement
M05.73	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement
M05.73	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems
M05.74	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement
M05.74	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement
M05.74	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems
M05.75	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement
M05.75	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement
M05.75	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement
M05.76	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement
M05.76	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement
M05.76	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems
M05.77	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems
M05.77	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems
M05.77	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement
M05.8	Other rheumatoid arthritis with rheumatoid factor of other specified site
M05.81	Other rheumatoid arthritis with rheumatoid factor of right shoulder
M05.81	Other rheumatoid arthritis with rheumatoid factor of left shoulder
M05.81	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder
M05.82	Other rheumatoid arthritis with rheumatoid factor of right elbow
M05.82	Other rheumatoid arthritis with rheumatoid factor of left elbow
M05.82	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow

M05.83	Other rheumatoid arthritis with rheumatoid factor of right wrist
M05.83	Other rheumatoid arthritis with rheumatoid factor of left wrist
M05.83	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist
M05.84	Other rheumatoid arthritis with rheumatoid factor of right hand
M05.84	Other rheumatoid arthritis with rheumatoid factor of left hand
M05.84	Other rheumatoid arthritis with rheumatoid factor of unspecified hand
M05.85	Other rheumatoid arthritis with rheumatoid factor of right hip
M05.85	Other rheumatoid arthritis with rheumatoid factor of left hip
M05.85	Other rheumatoid arthritis with rheumatoid factor of unspecified hip
M05.86	Other rheumatoid arthritis with rheumatoid factor of right knee
M05.86	Other rheumatoid arthritis with rheumatoid factor of left knee
M05.86	Other rheumatoid arthritis with rheumatoid factor of unspecified knee
M05.87	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot
M05.87	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot
M05.87	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified
M06.0	Rheumatoid arthritis without rheumatoid factor, other specified site
M06.01	Rheumatoid arthritis without rheumatoid factor, right shoulder
M06.01	Rheumatoid arthritis without rheumatoid factor, left shoulder
M06.01	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder
M06.02	Rheumatoid arthritis without rheumatoid factor, right elbow
M06.02	Rheumatoid arthritis without rheumatoid factor, left elbow
M06.02	Rheumatoid arthritis without rheumatoid factor, unspecified elbow
M06.03	Rheumatoid arthritis without rheumatoid factor, right wrist
M06.03	Rheumatoid arthritis without rheumatoid factor, left wrist
M06.03	Rheumatoid arthritis without rheumatoid factor, unspecified wrist
M06.04	Rheumatoid arthritis without rheumatoid factor, right hand
M06.04	Rheumatoid arthritis without rheumatoid factor, left hand
M06.04	Rheumatoid arthritis without rheumatoid factor, unspecified hand
M06.05	Rheumatoid arthritis without rheumatoid factor, right hip
M06.05	Rheumatoid arthritis without rheumatoid factor, left hip
M06.05	Rheumatoid arthritis without rheumatoid factor, unspecified hip
M06.06	Rheumatoid arthritis without rheumatoid factor, right knee
M06.06	Rheumatoid arthritis without rheumatoid factor, left knee
M06.06	Rheumatoid arthritis without rheumatoid factor, unspecified knee
M06.07	Rheumatoid arthritis without rheumatoid factor, right ankle and foot
M06.07	Rheumatoid arthritis without rheumatoid factor, left ankle and foot

M06.07	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites
M06.8	Other specified rheumatoid arthritis, other specified site
M06.81	Other specified rheumatoid arthritis, right shoulder
M06.81	Other specified rheumatoid arthritis, left shoulder
M06.81	Other specified rheumatoid arthritis, unspecified shoulder
M06.82	Other specified rheumatoid arthritis, right elbow
M06.82	Other specified rheumatoid arthritis, left elbow
M06.82	Other specified rheumatoid arthritis, unspecified elbow
M06.83	Other specified rheumatoid arthritis, right wrist
M06.83	Other specified rheumatoid arthritis, left wrist
M06.83	Other specified rheumatoid arthritis, unspecified wrist
M06.84	Other specified rheumatoid arthritis, right hand
M06.84	Other specified rheumatoid arthritis, left hand
M06.84	Other specified rheumatoid arthritis, unspecified hand
M06.85	Other specified rheumatoid arthritis, right hip
M06.85	Other specified rheumatoid arthritis, left hip
M06.85	Other specified rheumatoid arthritis, unspecified hip
M06.86	Other specified rheumatoid arthritis, right knee
M06.86	Other specified rheumatoid arthritis, left knee
M06.86	Other specified rheumatoid arthritis, unspecified knee
M06.87	Other specified rheumatoid arthritis, right ankle and foot
M06.87	Other specified rheumatoid arthritis, left ankle and foot
M06.87	Other specified rheumatoid arthritis, unspecified ankle and foot
M06.88	Other specified rheumatoid arthritis, vertebrae
M06.89	Other specified rheumatoid arthritis, multiple sites
M06.9	Rheumatoid arthritis, unspecified
M32.14	Glomerular disease in systemic lupus erythematosus
M31.10	Thrombotic microangiopathy, unspecified
M31.30	Wegener's granulomatosis without renal involvement
M31.31	Wegener's granulomatosis with renal involvement
M31.7	Microscopic polyangiitis
M32.10	Systemic lupus erythematosus organ or system involvement unspecified
M32.11	Endocarditis in systemic lupus erythematosus
M32.12	Pericarditis in systemic lupus erythematosus
M32.13	Lung involvement in systemic lupus erythematosus
M32.14	Glomerular disease in systemic lupus erythematosus

M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
M32.19	Other organ or system involvement in systemic lupus erythematosus
M32.8	Other forms of systemic lupus erythematosus
M32.9	Systemic lupus erythematosus, unspecified
M60.80	Other myositis, unspecified site
M60.81	Other myositis, right shoulder
M60.81	Other myositis, left shoulder
M60.81	Other myositis, unspecified shoulder
M60.82	Other myositis, right upper arm
M60.82	Other myositis, left upper arm
M60.82	Other myositis, unspecified upper arm
M60.83	Other myositis, right forearm
M60.83	Other myositis, left forearm
M60.83	Other myositis, unspecified forearm
M60.84	Other myositis, right hand
M60.84	Other myositis, left hand
M60.84	Other myositis, unspecified hand
M60.85	Other myositis, right thigh
M60.85	Other myositis, left thigh
M60.85	Other myositis, unspecified thigh
M60.86	Other myositis, right lower leg
M60.86	Other myositis, left lower leg
M60.86	Other myositis, unspecified lower leg
M60.87	Other myositis, right ankle and foot
M60.87	Other myositis, left ankle and foot
M60.87	Other myositis, unspecified ankle and foot
M60.88	Other myositis, other site
M60.89	Other myositis, multiple sites
M79.10	Myalgia, unspecified site
M79.11	Myalgia of mastication muscle
M79.12	Myalgia of auxiliary muscles, head and neck
M79.18	Myalgia, other site
T86.09	Other complications of bone marrow transplant
Z85.71	Personal history of Hodgkin lymphoma
Z85.72	Personal history of non-Hodgkin lymphomas
Z85.79	Personal history of other malignant neoplasms of lymphoid, hematopoietic and related tissues
Z94.81	Bone marrow transplant status
Z94.89	Other transplanted organ and tissue status

Z94.9	Transplanted organ and tissue status, unspecified
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## Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

The preceding information is intended for non-Medicare coverage determinations. Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determinations (NCDs) and/or Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents:

<https://www.cms.gov/medicare-coverage-database/search.aspx>. Additional indications, including any preceding information, may be applied at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes		
Jurisdiction	NCD/LCA/LCD Document (s)	Contractor
6, K	A59101	National Government Services, Inc
5, 8	A55639	Wisconsin Physicians Service Insurance Corp (WPS)
J, M	A56380	Palmetto GBA, LLC
15	A57160	CGS Administrators, LLC
15	A58582	CGS Administrators, LLC

Medicare Part B Administrative Contractor (MAC) Jurisdictions		
Jurisdiction	Applicable State/US Territory	Contractor
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA, LLC
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC