09-J4000-63

Original Effective Date: 11/15/23

Reviewed: 06/12/24

Revised: 07/15/24

Subject: Talquetamab-tgvs (Talvey) Subcutaneous Injection

THIS MEDICAL COVERAGE GUIDELINE IS NOT AN AUTHORIZATION, CERTIFICATION, EXPLANATION OF BENEFITS, OR A GUARANTEE OF PAYMENT, NOR DOES IT SUBSTITUTE FOR OR CONSTITUTE MEDICAL ADVICE. ALL MEDICAL DECISIONS ARE SOLELY THE RESPONSIBILITY OF THE PATIENT AND PHYSICIAN. BENEFITS ARE DETERMINED BY THE GROUP CONTRACT, MEMBER BENEFIT BOOKLET, AND/OR INDIVIDUAL SUBSCRIBER CERTIFICATE IN EFFECT AT THE TIME SERVICES WERE RENDERED. THIS MEDICAL COVERAGE GUIDELINE APPLIES TO ALL LINES OF BUSINESS UNLESS OTHERWISE NOTED IN THE PROGRAM EXCEPTIONS SECTION.

<u>Dosage/</u> <u>Administration</u>	Position Statement	Billing/Coding	Reimbursement	Program Exceptions	<u>Definitions</u>
Related Guidelines	Other	References	<u>Updates</u>		

DESCRIPTION:

Talquetamab (Talvey) is a bispecific GPRC5D-directed CD3 T-cell engaging antibody approved by the US Food and Drug Administration (FDA) on August 9, 2023, for the treatment of adult patients with relapsed or refractory multiple myeloma (MM) who have received at least four prior lines of therapy, including a proteasome inhibitor, an immunomodulatory agent and an anti-CD38 monoclonal antibody. This indication was approved under accelerated approval based on response rate and durability of response, and continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial(s). Prior to FDA approval, talquetamab was granted orphan drug designation in May 2021 for the treatment of MM. Talquetamab was the second FDAapproved bispecific T-cell engager (BiTE) for the treatment of MM; the first being teclistamab (Tecvayli) approved in October 2022 for this same patient population; however, teclistamab targets B-cell maturation antigen (BCMA) on the surface of MM cells. A third BiTE for MM, and second BCMA-directed BiTE, elranatamab (Elrexfio), was approved 5 days after talquetamab. Talquetamab is the first BiTE to target GPRC5D (G protein-coupled receptor, class C, group 5, member D). Talquetamab binds to the CD3 receptor expressed on the surface of T-cells and GPRC5D expressed on the surface of MM cells and nonmalignant plasma cells, as well as healthy tissues such as epithelial cells in keratinized tissues of the skin and tongue. In vitro, talquetamab activated T-cells caused the release of proinflammatory cytokines and resulted in the lysis of MM cells.

The National Comprehensive Cancer Network (NCCN) Guidelines for MM (Version 4.2024 - April 26, 2024list talquetamab under "Relapse/Refractory Disease After 3 Prior Therapies" and under "Preferred Regimens" as a category 2A recommendation for the treatment of previously treated MM. Under this section, the recommendations are further categorized as "After at least four prior therapies, including an anti-CD38 monoclonal antibody, a proteasome inhibitor (PI), and an immunomodulatory agent

(IMiD)". The other treatments listed in this same "Preferred Regimens" section include the CAR-T cell therapies of idecabtagene vicleucel (Abecma) and ciltacabtagene autoleucel (Carvykti), and the bispecific antibodies of elranatamab (Elrexfio) and teclistamab (Tecvayli). The NCCN also includes footnotes stating "Autologous HCT should be considered in patients who are eligible and have not previously received HCT or had a prolonged response to initial HCT" and "Patients can receive more than one BCMA targeted therapy, but optimal sequencing is unclear".

The safety and efficacy of talquetamab leading to initial FDA approval was evaluated in patients with relapsed or refractory MM in a single-arm, open-label, multicenter study, MMY1001 (MonumenTAL-1) (NCT03399799, NCT04634552). The study included patients who had previously received at least three prior systemic therapies, including a PI, an IMiD, and an anti-CD38 monoclonal antibody. The study excluded patients who experienced T-cell redirection therapy within 3 months, prior Grade 3 or higher CRS related to any T-cell redirection therapy, an autologous stem cell transplant (ASCT) within the past 12 weeks, an allogeneic stem cell transplant within the past 6 months, ECOG performance score of 3 or higher, stroke or seizure within the past 6 months, CNS involvement or clinical signs of meningeal involvement of MM, and plasma cell leukemia, active or documented history of autoimmune disease (exception of vitiligo, resolved childhood atopic dermatitis, resolved Grave's Disease that is euthyroid based on clinical and laboratory testing). Patients treated with the weekly dosing schedule received step-up doses of 0.01 mg/kg and 0.06 mg/kg followed by 0.4 mg/kg subcutaneously weekly thereafter. Patients treated with the biweekly (every 2 weeks) dosing schedule received step-up doses of 0.01 mg/kg, 0.06 mg/kg, and 0.3 mg/kg (0.75 times the recommended step-up dose 3) of followed by 0.8 mg/kg subcutaneously biweekly, thereafter. Patients on both dosing schedules were treated until disease progression or unacceptable toxicity.

The efficacy results from the 187 patients who were not exposed to prior T cell redirection therapy and who had received at least 4 prior lines of therapy are presented in the Table below. Of these patients, the median age was 67 (range: 38 to 86) years, 57% were male, and 90% were White. Patients had received a median of 5 (range: 4 to 13) prior lines of therapy, and 78% had received prior ASCT. Ninetyfour percent (94%) of patients were refractory to their last therapy, and 73% were refractory to a proteasome inhibitor, immunomodulatory agent, and anti-CD38 antibody. The International Staging System (ISS) at study entry was Stage I in 44%, Stage II in 34%, and Stage III in 22% of patients. High-risk cytogenetic factors were present in 29% of patients; baseline cytogenetic data were not available in 11% of patients. Twenty-two percent (22%) of patients had extramedullary plasmacytomas. Efficacy was based on overall response rate (ORR) and duration of response (DOR) as assessed by an Independent Review Committee using IMWG criteria. The results are displayed in Table 1 below. The median duration of follow-up from first response among responders receiving talquetamab 0.4 mg/kg weekly was 13.8 (range: 0.8 to 15.4) months. The median duration of follow-up from first response among responders receiving talquetamab 0.8 mg/kg biweekly was 5.9 (range: 0 to 9.5) months; an estimated 85% of responders maintained response for at least 9 months. The median time to first response was 1.2 (range: 0.2 to 10.9) months and 1.3 (range: 0.2 to 9.2) months for 0.4 mg/kg weekly and 0.8 mg/kg biweekly, respectively.

Table 1: Efficacy Results for MonumenTAL-1

0.4 mg/kg Weekly	0.8 mg/kg Biweekly	
(n=100)	(n=87)	

Overall response rate (ORR: sCR+CR+VGPR+PR)	73 (73%)	65 (73.6%)
95% CI	(63.2%, 81.4%)	(63.0%, 82.4%)
Stringent complete response (sCR)	26%	20%
Complete response (CR)	9%	13%
Very good partial response (VGPR)	22%	25%
Partial response (PR)	16%	16%
Duration of Response (DOR) (months)		
Median DOR (95% CI) (Months):	9.5 (6.5, NE)	NE

NE = not estimable

Thirty-two (32) patients were exposed to prior T cell redirection therapy and had received at least 4 prior lines of therapy, including a PI, an IMiD, and an anti-CD38 monoclonal antibody, received talquetamab at the 0.4 mg/kg weekly dose. Patients had received a median of 6 (range: 4 to 15) prior therapies, with 81% exposed to CAR-T cell therapy and 25% exposed to a bispecific antibody. Ninety-four percent (94%) of patients were exposed to prior T cell redirection therapy directed at BCMA. The ORR per IRC assessment was 72% (95% CI: 53%, 86%). With a median duration of follow-up of 10.4 months, an estimated 59% of responders maintained response for at least 9 months.

The safety of talquetamab was evaluated in 339 adult patients with relapsed or refractory MM. The duration of exposure for the 0.4 mg/kg weekly regimen was 5.9 (range: 0.0 to 25.3) months (n=186) and for the 0.8 mg/kg biweekly (every 2 weeks) regimen, it was 3.7 (range: 0.0 to 17.9) months (n=153). Serious adverse reactions occurred in 47% of patients who received teclistamab. Serious adverse reactions in ≥2% of patients included CRS (13%), bacterial infection (8%) including sepsis, pyrexia (4.7%), ICANS (3.8%), COVID-19 (2.7%), neutropenia (2.1%), and upper respiratory tract infection (2.1%). Fatal adverse reactions occurred in 3.2% of patients, including COVID -19 (0.6%), dyspnea (0.6%), general physical health deterioration (0.6%), bacterial infection (0.3%) including sepsis, basilar artery occlusion (0.3%), fungal infection (0.3%), infection (0.3%), and pulmonary embolism (0.3%). Permanent discontinuation due to an adverse reaction occurred in 9% of patients. Adverse reactions which resulted in permanent discontinuation of teclistamab in >1% of patients included ICANS. Dosage interruptions due to an adverse reaction occurred in 56% of patients. Adverse reactions which required dosage interruption in >5% of patients included pyrexia (15%), CRS (12%), upper respiratory tract infection (9%), COVID-19 (9%), bacterial infection (7%) including sepsis, neutropenia (6%), and rash (6%). The most common adverse reactions (≥20%) were pyrexia, CRS, dysgeusia, nail disorder, musculoskeletal pain, skin disorder, rash, fatigue, weight decreased, dry mouth, xerosis, dysphagia, upper respiratory tract infection, diarrhea, hypotension, and headache. The most common Grade 3 or 4 laboratory abnormalities (≥30%) were lymphocyte count decreased, neutrophil count decreased, white blood cell decreased, and hemoglobin decreased. Refer to the package labeling for the specific percentages.

POSITION STATEMENT:

Initiation of talquetamab (Talvey) **meets the definition of medical necessity** when **EITHER** of the following criteria are met ("1" or "2"):

1. Member has a diagnosis of relapsed or refractory multiple myeloma (MM) and **ALL** of the following ("a" to "f") - medical record documentation confirming the patient's diagnosis and complete treatment history must be submitted:

- a. Member has received **FOUR or more** appropriate prior lines of therapy of adequate duration for the treatment of their MM
 - **NOTE**: Primary therapy, with or without subsequent hematopoietic cell transplant, followed by maintenance therapy is considered a single line of therapy
- b. Member's prior MM treatments have included **ALL** of the following ("i", "ii", and "iii"):
 - i. An anti-CD38 monoclonal antibody [for example daratumumab (Darzalex), daratumumab hyaluronidase (Darzalex Faspro), or isatuximab (Sarclisa)]
 - ii. A proteasome inhibitor [for example bortezomib, carfilzomib (Kyprolis), or ixazomib (Ninlaro)]
 - iii. An immunomodulatory agent [for example lenalidomide (Revlimid), pomalidomide (Pomalyst), or thalidomide (Thalomid)]
- c. Member's MM was **NOT** previously refractory (i.e., disease progression on treatment or progression within 60 days after the last dose of a given therapy) to a talquetamab-containing treatment regimen
- d. Talquetamab will be used as single-agent therapy for the member's MM (i.e., not used in combination with other MM treatments)
- e. The ordering provider and the infusing healthcare facility is certified in the TECVAYLI and TALVEY REMS program
- f. Dosage of talquetamab does not exceed the following depending on the dosage schedule selected:
 - Weekly Dosing Schedule
 - Day 1 (Step-up dose 1) 0.01 mg/kg (based on actual body weight)
 - Day 4 (Step-up dose 2) 0.06 mg/kg (based on actual body weight)
 - Day 7 (First treatment dose) 0.4 mg/kg (based on actual body weight)
 - One week after first treatment dose and weekly thereafter 0.4 mg/kg once weekly (based on actual body weight)
 - Biweekly (Every 2 Weeks) Dosing Schedule
 - O Day 1 (Step-up dose 1) 0.01 mg/kg (based on actual body weight)
 - Day 4 (Step-up dose 2) 0.06 mg/kg (based on actual body weight)
 - Day 7 (Step-up dose 3) 0.4 mg/kg (based on actual body weight)
 - Day 10 (First treatment dose) 0.8 mg/kg (based on actual body weight)
 - Two weeks after first treatment dose and every 2 weeks thereafter 0.8 mg/kg every 2 weeks (based on actual body weight)
- 2. Member has another FDA-approved or NCCN-supported diagnosis, and **ALL** of the following are met ("a" to "d"):
 - a. **EITHER** of the following ("i" or "ii"):

- Member is diagnosed with a condition that is consistent with an indication listed in the product's FDA-approved prescribing information (or package insert) AND member meets any additional requirements listed in the "Indications and Usage" section of the FDAapproved prescribing information (or package insert)
- ii. Indication **AND** usage are recognized in NCCN Drugs and Biologics Compendium as a Category 1 or 2A recommendation
- b. Talquetamab is used in a treatment regimen in accordance with the FDA-approved prescribing information or applicable NCCN guideline recommendation for the diagnosis
- c. The ordering provider and the infusing healthcare facility is certified in the TECVAYLI and TALVEY REMS program
- d. Dosage of talquetamab does not exceed the maximum recommended in the FDA-approved prescribing information or the maximum recommended by the applicable NCCN guidelines for the diagnosis

Approval duration: 6 months

Continuation* of talquetamab (Talvey) meets the definition of medical necessity when **ALL** of the following criteria are met ("1" to "3"):

- 1. An authorization or reauthorization for talquetamab has been previously approved by Florida Blue or another health plan in the past 2 years for the treatment of multiple myeloma, or other FDA-approved or NCCN-supported diagnosis (if another health plan, documentation of a health plan-paid claim for talquetamab during the 90 days immediately before the authorization request must be provided); **OR** the member previously met **ALL** indication-specific initiation criteria
- 2. The ordering provider and the infusing healthcare facility is certified in the TECVAYLI and TALVEY REMS program
- 3. **EITHER** of the following based on the member's diagnosis ("a" or "b"):
 - a. Multiple myeloma, and **ALL** of the following ("i", "ii", and "iii"):
 - i. Talquetamab is being used as single-agent therapy for the member's MM (i.e., not used in combination with other MM treatments)
 - ii. Dosage of talquetamab does not exceed the following:
 - Weekly Dosing Schedule (one week after first treatment dose and weekly thereafter) –
 0.4 mg/kg once weekly (based on actual body weight)
 - Biweekly Dosing Schedule (two weeks after first treatment dose and every 2 weeks thereafter) 0.8 mg/kg every 2 weeks (based on actual body weight)
 - iii. Provider attestation that the member has not had disease progression during talquetamab treatment
 - b. Other FDA-approved or NCCN-supported diagnosis, and ALL of the following ("i", "ii", and "iii"):
 - Dosage of talquetamab does not exceed the maximum recommended in the FDAapproved prescribing information or the maximum recommended by the applicable NCCN guideline for the specific diagnosis

- ii. Talquetamab is used in a treatment regimen in accordance with the FDA-approved prescribing information or applicable NCCN guideline recommendation for the diagnosis
- iii. Member has had a beneficial response to treatment with talquetamab

Approval duration: 1 year

*For members that may have only completed the initial step-up dosing schedule during an inpatient admission, please refer to the initiation criteria

DOSAGE/ADMINISTRATION:

THIS INFORMATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED AS A SOURCE FOR MAKING PRESCRIBING OR OTHER MEDICAL DETERMINATIONS. PROVIDERS SHOULD REFER TO THE MANUFACTURER'S FULL PRESCRIBING INFORMATION FOR DOSAGE GUIDELINES AND OTHER INFORMATION RELATED TO THIS MEDICATION BEFORE MAKING ANY CLINICAL DECISIONS REGARDING ITS USAGE.

FDA-approved

- Indicated for the treatment of adult patients with relapsed or refractory multiple myeloma who
 have received at least four prior lines of therapy, including a proteasome inhibitor, an
 immunomodulatory agent and an anti-CD38 monoclonal antibody.
- This indication is approved under accelerated approval based on response rate and durability of response. Continued approval for this indication may be contingent upon verification of clinical benefit in a confirmatory trial(s).
- The recommended dosing schedules are as follows:
- Weekly Dosing Schedule:
 - Step-up dosing schedule:
 - Day 1 (Step-up dose 1) 0.01 mg/kg (based on actual body weight)
 - Day 4* (Step-up dose 2) 0.06 mg/kg (based on actual body weight)
 - Day 7* (First treatment dose) 0.4 mg/kg (based on actual body weight)
 - Weekly dosing schedule†:
 - One week after first treatment dose and weekly thereafter 0.4 mg/kg once weekly (based on actual body weight)

*Dose may be administered between 2 to 4 days after the previous dose and may be given up to 7 days after the previous dose to allow for resolution of adverse reactions

†Maintain a minimum of 6 days between weekly doses

- Biweekly (Every 2 Weeks) Dosing Schedule:
 - Step-up dosing schedule:
 - Day 1 (Step-up dose 1) 0.01 mg/kg (based on actual body weight)
 - Day 4* (Step-up dose 2) 0.06 mg/kg (based on actual body weight)
 - Day 7* (Step-up dose 3) 0.4 mg/kg (based on actual body weight)
 - Day 10 (First treatment dose) 0.8 mg/kg (based on actual body weight)
 - Biweekly (every 2 weeks) dosing schedule†:

- Two weeks after first treatment dose and every 2 weeks thereafter – 0.8 mg/kg every 2 weeks (based on actual body weight)

*Dose may be administered between 2 to 4 days after the previous dose and may be given up to 7 days after the previous dose to allow for resolution of adverse reactions

*Dose may be administered between 2 to 7 days after step-up dose 3

†Maintain a minimum of 12 days between biweekly (every 2 weeks) doses

- Talquetamab should only be administered by a qualified healthcare professional with appropriate medical support to manage severe reactions such as CRS and neurologic toxicity, including ICANS.
- Due to the risk of CRS and neurologic toxicity, including ICANS, patients should be hospitalized for 48 hours after administration of all doses within the step-up dosing schedule
- Talquetamab 3 mg/1.5 mL (2 mg/mL) vial and 40 mg/mL vial are supplied as ready-to-use solution for injection that do not need dilution prior to administration. Do not combine vials of different concentrations to achieve treatment dose.
- Administer the following pre-treatment medications 1 to 3 hours before each dose of talquetamab in the step-up dosing schedule to reduce the risk of CRS:
 - o Corticosteroid (oral or intravenous dexamethasone, 16 mg or equivalent)
 - o Antihistamines (oral or intravenous diphenhydramine, 50 mg or equivalent)
 - o Antipyretics (oral or intravenous acetaminophen, 650 mg to 1,000 mg or equivalent)
- Administration of pretreatment medications may be required for subsequent doses for patients who repeat doses within the step-up dosing schedule due to dose delays or for patients who experienced CRS

Dose Adjustments

- Hepatic Impairment Specific guidelines for dosage adjustments in hepatic impairment are not available; it appears that no initial dosage adjustments are needed. Therapy interruption or permanent discontinuation may be necessary in patients who develop severe hepatotoxicity.
- Renal Impairment Specific guidelines for dosage adjustments in renal impairment are not available;
 it appears that no initial dosage adjustments are needed.
- Adverse Effects Dosage reductions of talquetamab are not recommended. However, dosage delays
 may be required to manage toxicities related such as CRS, neurologic toxicity, and ICANS. Refer to
 the product labeling for the specific recommendations.

Drug Availability

- Sterile, preservative-free, colorless to light yellow solution supplied as follows:
 - One 3 mg/1.5 mL (2 mg/mL) single-dose vial in a carton
 - One 40 mg/mL single-dose vial in a carton
- Store refrigerated at 2°C to 8°C (36°F to 46°F) in the original carton to protect from light. Do not freeze.

PRECAUTIONS:

Boxed Warning

WARNING: CYTOKINE RELEASE SYNDROME AND NEUROLOGIC TOXICITY, INCLUDING IMMUNE EFFECTOR CELL-ASSOCIATED NEUROTOXICITY SYNDROME

- Cytokine release syndrome (CRS), including life-threatening or fatal reactions, can occur in patients
 receiving Talvey. Initiate Talvey treatment with step-up dosing to reduce risk of CRS. Withhold Talvey
 until CRS resolves or permanently discontinue based on severity.
- Neurologic toxicity, including Immune Effector Cell-Associated Neurotoxicity Syndrome (ICANS) and serious and life-threatening reactions, can occur with Talvey. Monitor patients for signs or symptoms of neurologic toxicity including ICANS during treatment and treat promptly. Withhold or permanently discontinue Talvey based on severity.
- Because of risk of CRS and neurologic toxicity, including ICANS, Talvey is available only through a
 restricted program called the TECVAYLI and TALVEY Risk Evaluation and Mitigation Strategy
 (REMS).

Contraindications

None

Precautions/Warnings

- Cytokine Release Syndrome see Boxed Warning
- Neurologic Toxicity including ICAN see Boxed Warning
- TECVAYLI and TALVEY REMS see Boxed Warning
- **Oral Toxicity and Weight Loss** Monitor for oral toxicity and weight loss. Withhold or permanently discontinue based on severity.
- **Infections**: Can cause severe, life-threatening, or fatal infections. Monitor for signs and symptoms of infection; treat appropriately. Withhold or consider permanent discontinuation based on severity.
- Cytopenia: Monitor complete blood counts.
- **Hepatotoxicity**: Monitor liver enzymes and bilirubin at baseline and during treatment as clinically indicated. Withhold or consider permanent discontinuation based on severity.
- **Embryo-Fetal Toxicity**: May cause fetal harm. Advise females of reproductive potential of the potential risk to the fetus and to use effective contraception.

BILLING/CODING INFORMATION:

HCPCS Coding

J3055	Injection, talquetamab-tgvs, 0.25 mg
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ICD-10 Diagnosis Codes That Support Medical Necessity

C90.00	Multiple myeloma not having achieved remission
C90.02	Multiple myeloma in relapse
C90.10	Plasma cell leukemia not having achieved remission
C90.12	Plasma cell leukemia in relapse
C90.20	Extramedullary plasmacytoma not having achieved remission
C90.22	Extramedullary plasmacytoma in relapse
C90.30	Solitary plasmacytoma not having achieved remission

REIMBURSEMENT INFORMATION:

Refer to section entitled **POSITION STATEMENT**.

PROGRAM EXCEPTIONS:

Federal Employee Program (FEP): Follow FEP guidelines.

State Account Organization (SAO): Follow SAO guidelines.

Medicare Part D: Florida Blue has delegated to Prime Therapeutics authority to make coverage determinations for the Medicare Part D services referenced in this guideline.

Medicare Advantage: No National Coverage Determination (NCD) and/or Local Coverage Determination (LCD) were found at the time of the last guideline review date.

DEFINITIONS:

Autologous - cells or tissues obtained from the same individual (as opposed to from a different person).

Heavy chain - the larger component of an immunoglobulin. There are five types: IgG, IgA, IgM, IgD, and IgE.

Immunoglobulins (a.k.a., antibodies) - proteins made by normal plasma cells that have an important role in fighting infection as part of the humoral immune response. Antibodies are composed of two heavy chains and two light chains that form a larger complex. Each plasma cell produces only one type of heavy chain and one type of light chain.

Light chain - the smaller component of an immunoglobulin. There are two types: kappa and lambda.

Myeloma Protein (M-Protein) - a nonfunctional immunoglobulin protein or protein fragment produced by malignant plasma cells (or myeloma cells). Since myeloma cells are monoclonal, the M-proteins for a given patient are structurally identical. Both portions of an immunoglobulin (the heavy chain and light chain) can be found in the serum, while only light chains can be found in the urine.

Plasma cell - a fully differentiated B lymphocyte (a type of white blood cell) that is specialized for immunoglobulin production and is found primarily in bone marrow.

Primary refractory MM - patients who never achieve at least a MR to initial induction therapy and progress while on therapy.

Progressive MM - at least a 25% increase from nadir in the serum M-protein (absolute increase must be ≥0.5 g/dL) or urine M-protein (absolute increase must be ≥200mg/24 hours), or in the difference between involved and uninvolved serum-free light-chain (FLC) levels (with an abnormal FLC ratio and FLC difference >100 mg/L).

Relapsed and refractory MM - patients who never achieve at least a MR or who progress within 60 days of their last therapy.

RELATED GUIDELINES:

Allogeneic Bone Marrow and Stem Cell Transplantation, 02-38240-01

Carfilzomib (Kyprolis) IV, 09-J1000-81

Chimeric Antigen Receptor (CAR) T-Cell Therapies, 09-J3000-94

<u>Daratumumab (Darzalex) Infusion and Daratumumab-Hyaluronidase-fihj (Darzalex Faspro), 09-J2000-</u>

Doxorubicin HCl Liposome (Doxil) IV, 09-J0000-91

Elotuzumab (Empliciti) IV, 09-J2000-50

Elranatamab-bcmm (Elrexfio) Injection, 09-4000-64

Isatuximab (Sarclisa) Injection, 09-J3000-67

Ixazomib (Ninlaro), 09-J2000-51

Oral Oncology Medications, 09-J3000-65

Teclistamab (Tecvayli) Injection, 09-J4000-46

Thalidomide (Thalomid) Capsules, 09-J1000-56

OTHER:

None

REFERENCES:

- 1. Chari A, Minnema MC, Berdeja JG, et al. Talquetamab, a T-Cell-Redirecting GPRC5D Bispecific Antibody for Multiple Myeloma. N Engl J Med. 2022;387(24):2232-2244.
- 2. Clinical Pharmacology powered by ClinicalKey [Internet]. Tampa, FL: Elsevier.; 2024 Available at: https://www.clinicalkey.com/pharmacology/. Accessed 2024 May 24.
- 3. Lery M, Perrot A, Ortiz-Brugués A, et al. Dermatological toxicities induced by T-cell-redirecting GPRC5D bispecific antibody talquetamab [published online ahead of print, 2023 Sep 22]. J Am Acad Dermatol. 2023;S0190-9622(23)02834-7.
- 4. Micromedex Healthcare Series [Internet Database]. Greenwood Village, Colo: Thomson Healthcare. Updated periodically. Accessed 2024 May 24.
- 5. National Comprehensive Cancer Network. NCCN clinical practice guidelines in oncology (NCCN Guidelines). Multiple Myeloma (Version 4.2024 April 26, 2024) [cited 2024 May 24]. Available at http://www.nccn.org/professionals/physician gls/PDF/myeloma.pdf.
- 6. NCCN Drugs & Biologics Compendium [Internet]. Fort Washington (PA): National Comprehensive Cancer Network; 2024 [cited 2024 May 24]. Available at: http://www.nccn.org/professionals/drug_compendium/content/contents.asp/.
- 7. Orphan Drug Designations and Approval [Internet]. Silver Spring (MD): US Food and Drug Administration; 2024 [cited 2024 May 24]. Available from: http://www.accessdata.fda.gov/scripts/opdlisting/oopd/index.cfm/.
- 8. Talvey (talquetamab-tgvs injection) [package insert]. Janssen Biotech, Inc. Horsham, PA. August 2023.

9. Zhao J, Ren Q, Liu X, et al. Bispecific antibodies targeting BCMA, GPRC5D, and FcRH5 for multiple myeloma therapy: latest updates from ASCO 2023 Annual Meeting. J Hematol Oncol. 2023 Aug 3;16(1):92.

COMMITTEE APPROVAL:

This Medical Coverage Guideline (MCG) was approved by the Florida Blue Pharmacy Policy Committee on 06/12/24.

GUIDELINE UPDATE INFORMATION:

11/15/23	New Medical Coverage Guideline.
01/01/24	Revision: Added HCPCS code C9163.
04/01/24	Revision: Added HCPCS code J3055 and deleted codes C9163 and J9999.
07/15/24	Review and revision to guideline consisting of updating the references.