



Darzalex[®] (daratumumab) (Intravenous)



Last Review Date: 10/03/2022 Date of Origin: 01/07/2019 Dates Reviewed: 01/2019, 04/2019, 07/2019, 10/2019, 11/2019, 01/2020, 04/2020, 07/2020, 10/2020, 01/2021, 05/2021, 07/2021, 10/2021, 01/2022, 04/2022, 07/2022, 10/2022

I. Length of Authorization ^{1,16,17,19}

Coverage will be provided for 6 months and may be renewed (unless otherwise specified).

- Use for newly diagnosed multiple myeloma in combination with bortezomib, thalidomide, and dexamethasone may not be renewed.
- Use for newly diagnosed multiple myeloma in combination with bortezomib, lenalidomide and dexamethasone may be renewed for up to a maximum of 2 years of maintenance therapy.
- Use for newly diagnosed or relapsed multiple myeloma in combination with cyclophosphamide, bortezomib and dexamethasone may be renewed for up to a maximum of 80 weeks *(32 weeks of induction therapy and 48 weeks of maintenance therapy)*.
- Use for newly diagnosed multiple myeloma in combination with carfilzomib, lenalidomide, and dexamethasone may be renewed for up to a maximum of 32 weeks.

II. Dosing Limits

A. Quantity Limit (max daily dose) [NDC Unit]:

- Darzalex 100 mg single-dose vial for injection: Up to 3 vials per dose
 - Weekly Weeks 1 to 8, then every two weeks Weeks 9 to 24, then every four weeks Week 25 onwards
- Darzalex 400 mg single dose vial for injection: Up to 4 vials per dose
 - Weekly Weeks 1 to 8, then every two weeks Weeks 9 to 24, then every four weeks Week 25 onwards
- B. Max Units (per dose and over time) [HCPCS Unit]:
 - Up to 180 billable units per dose
 - Weekly Weeks 1 to 8, then every two weeks Weeks 9 to 24, then every four weeks Week 25 onwards

III. Initial Approval Criteria¹

Coverage is provided in the following conditions:

• Patient is at least 18 years of age; AND

Universal Criteria

• Therapy will not be used in combination with other anti-CD38 therapies (i.e., daratumumab and hyaluronidase-fihj, isatuximab, etc.); **AND**

Multiple Myeloma † Φ ^{1-11,13,14,16-19,15e-17e}

- Used in the treatment of newly diagnosed disease in patients who are ineligible for autologous stem cell transplant (ASCT) in combination with ONE of the following regimens:
 - - Use of daratumumab in combination with lenalidomide and dexamethasone will be restricted to patients with a contraindication or intolerance to bortezomib/lenalidomide/dexamethasone; OR
 - o Bortezomib, melphalan and prednisone; **OR**
 - Cyclophosphamide, bortezomib, and dexamethasone; OR
- Used in the treatment of newly diagnosed disease in patients who are eligible for autologous stem cell transplant (ASCT) in combination with ONE of the following regimens:
 - \circ $\;$ Bortezomib, lenalidomide, and dexamethasone; AND
 - Patient must use bortezomib/lenalidomide/dexamethasone (without daratumumab); OR
 - o Bortezomib, thalidomide, and dexamethasone (VTd); OR
 - Cyclophosphamide, bortezomib, and dexamethasone; OR
 - o Carfilzomib, lenalidomide, and dexamethasone; AND
 - Use of daratumumab in combination with carfilzomib, lenalidomide, and dexamethasone will be restricted to patients with a contraindication or intolerance to one of the following regimens:
 - Bortezomib/lenalidomide/dexamethasone
 - ${\it Bortezomib/cyclophosphamide/dexame thas one}$
 - $\quad Bortezomib/doxorubicin/dexame thas one$
 - $\quad Bortezomib/thalidomide/dexame thas one$
 - $\quad Daratumumab/bortezomib/thalidomide/dexame thas one; \textbf{OR}$
- Used for disease relapse after 6 months following primary induction therapy with the same regimen in combination with ONE of the following regimens:
 - \circ $\;$ Lenalidomide and dexame thasone for non-transplant candidates; \mathbf{OR}





- o Cyclophosphamide, bortezomib, and dexamethasone; OR
- Used as subsequent therapy for relapsed or refractory/progressive disease in combination with dexamethasone and ONE of the following:
 - Selinexor; AND
 - Used after at least three prior lines of therapy including a proteasome inhibitor (e.g., bortezomib, carfilzomib, etc.) and an immunomodulatory agent (e.g., lenalidomide, pomalidomide, etc.); **OR**
 - Patient is double-refractory to a proteasome inhibitor and an immunomodulatory agent; OR
 - Lenalidomide; OR
 - Bortezomib; OR
 - Carfilzomib; **OR**
 - Cyclophosphamide and bortezomib; OR
- Used in combination with pomalidomide and dexamethasone after at least two prior therapies including lenalidomide and a proteasome inhibitor (bortezomib, carfilzomib, etc.); OR
- Used as single agent therapy; AND
 - Patient received at least three prior lines of therapy including a proteasome inhibitor (e.g., bortezomib, carfilzomib, etc.) and an immunomodulatory agent (e.g., lenalidomide, pomalidomide, etc.); **OR**
 - Patient is double-refractory to a proteasome inhibitor and an immunomodulatory agent

Systemic Light Chain Amyloidosis \$ 2,12,15

- Used as single agent therapy; AND
- Used for the treatment of relapsed/refractory disease

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.

au FDA Approved Indication(s); au Compendia recommended indication(s); au Orphan Drug

IV. Renewal Criteria 1,2,16,17,19

Coverage can be renewed based upon the following criteria:

• Patient continues to meet universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**





- Disease response with treatment as defined by stabilization of disease or decrease in size of tumor or tumor spread; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: severe infusion reactions including anaphylactic reactions, neutropenia, thrombocytopenia, etc.; **AND**

Multiple Myeloma

- Use for newly diagnosed disease in combination with bortezomib, thalidomide, and dexamethasone may not be renewed.
- Use for newly diagnosed disease in combination with bortezomib, lenalidomide and dexamethasone may be renewed for up to a maximum of 2 years of maintenance therapy.
- Use for newly diagnosed or relapsed disease in combination with cyclophosphamide, bortezomib and dexamethasone may be renewed for up to a maximum of 80 weeks *(32 weeks of induction therapy and 48 weeks of maintenance therapy).*
- Use for newly diagnosed disease in combination with carfilzomib, lenalidomide, and dexamethasone may be renewed for up to a maximum of 32 weeks.

V. Dosage/Administration ^{1,12,16-19}

Indication	Dose	
Multiple Myeloma	 Newly diagnosed disease in patients eligible for ASCT in combination with bortezomib. thalidomide and dexamethasone 16 mg/kg body weight given as an intravenous infusion in a 4 week cycle: Induction - Weekly Weeks 1 to 8 (eight doses; cycles 1 and 2) Every two weeks Weeks 9 to 16 (four doses; cycles 3 and 4) Stop for high dose chemotherapy and ASCT Consolidation - Every two weeks Weeks 1 to 8 (four doses; cycles 5 and 6) Newly diagnosed disease in patients eligible for ASCT in combination with bortezomib. lenalidomide and dexamethasone 16 mg/kg body weight given as an intravenous infusion as follows: Induction - 3 week cycle Weekly Weeks 1 to 12 (twelve doses; cycles 5 and 6) Maintenance - 4 week cycle Every 3 weeks Weeks 1 to 102 for a maximum of 2 years of maintenance treatment Newly diagnosed disease in patients eligible for ASCT in combination with carfilzomib. lenalidomide and dexamethasone 	

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– Weekly	Weeks 1 to 8 (eight doses; cycles 1 and 2)			
- Every two wee	ks Weeks 9 to 24 (eight doses; cycles 3 to 6)			
– Every four we	eks Weeks 25 to 32 (two doses; cycles 7 and 8)			
<u>Newly diagnosed dise</u> melphalan and predn	ase in patients ineligible for ASCT in combination with bortezomib.			
	 16 mg/kg body weight given as an intravenous infusion in a 6 week cycle: 			
– Weekly – Every three w	Weeks 1 to 6 (six doses; cycle 1) eeks Weeks 7 to 54 (16 doses; cycles 2 to 9)			
– Every four we	-			
-	ression or unacceptable toxicity			
and dexamethasone	relapsed disease in combination with cyclophosphamide, bortezomib			
Induction				
 8 mg/kg body weig doses) 	ht given as an intravenous infusion on days 1 and 2 (Week 1; total 2			
 Followed by 16 mg 	/kg body weight given as an intravenous infusion in a 4 week cycle:			
– Weekly	Weeks 2 to 8 (seven doses; cycles 1 and 2)			
 Every two week 	ks Weeks 9 to 24 (eight doses; cycles 3 to 6)			
 Every four we 	eks Weeks 25 to 32 (two doses; cycles 7 and 8)			
Maintenance <i>(after A</i>	SCT)			
	ght given as an intravenous infusion every 4 weeks for up to 12 cycles			
(48 weeks)				
Treatment as one of t	Treatment as one of the following:			
Monotherapy for patients with relapsed/refractory multiple myeloma				
	therapy with lenalidomide and low-dose dexamethasone for newly diagnosed			
-	gible for ASCT			
	therapy with lenalidomide, pomalidomide, or selinexor AND low-dose			
	dexamethasone in patients with relapsed or refractory/progressive disease			
	ght given as an intravenous infusion in a 4 week cycle:			
– Weekly	Weeks 1 to 8 (eight doses; cycles 1 and 2)			
•	ksWeeks 9 to 24 (eight doses; cycles 3 to 6)eksWeek 25 onwards (cycle 7 and beyond)			
- Every four we	ression or unacceptable toxicity			
	with carfilzomib and dexamethasone for relapsed or			
refractory/progressive				
 8 mg/kg body weig. doses) 	ht given as an intravenous infusion on days 1 and 2 (Week 1; total 2			
 Followed by 16 mg 	/kg body weight given as an intravenous infusion in a 4 week cycle:			
- Weekly	Weeks 2 to 8 (seven doses; cycles 1 and 2)			
 Every two wee 	-			
 Every four we 				
Treat until disease progression or unacceptable toxicity				
Combination therapy	Combination therapy with bortezomib and dexamethasone for relapsed or			
refractory/progressive	-			
	ght given as an intravenous infusion in a 3 week cycle:			
10 mg/ng bouy wer	Dav Br, en ao an intra choao infaoton ni a o week cycle.			

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	– Weekly	Weeks 1 to 9 (nine doses; cycles 1 to 3)		
	- Every three weeks	Weeks 10 to 24 (five doses; cycles 4 to 8)		
	– Every four weeks	Week 25 onwards (cycle 9 and beyond)		
	Treat until disease progression or unacceptable toxicity			
Systemic Light Chain Amyloidosis	 16 mg/kg body weight given as an intravenous infusion: 			
	– Weekly	Weeks 1 to 8 (eight doses)		
	- Every two weeks	Weeks 9 to 24 (eight doses)		
	– Every four weeks	Week 25 onwards until disease progression or unacceptable toxicity		
*To facilitate administration, the first prescribed 16 mg/kg dose at Week 1 may be split over two consecutive days (i.e., 8 mg/kg on				
Day 1 and Day 2 respectively).				

Note: Initiate antiviral prophylaxis to prevent herpes zoster reactivation within 1 week after starting Darzalex and continue for 3 months following treatment.

VI. Billing Code/Availability Information

HCPCS Code:

• J9145 - Injection, daratumumab, 10 mg; 1 billable unit = 10 mg

NDC(s):

- Darzalex 100 mg/5 mL single-dose vial: 57894-0502-xx
- Darzalex 100 mg/5mL single-dose vial: 57894-0505-xx
- Darzalex 400 mg/20 mL single-dose vial: 57894-0502-xx
- Darzalex 400 mg/20 mL single-dose vial: 57894-0505-xx

VII. References (STANDARD)

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- 2. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) for daratumumab. National Comprehensive Cancer Network, 2022. The NCCN Compendium® is a derivative work of the NCCN Guidelines®. NATIONAL COMPREHENSIVE CANCER NETWORK®, NCCN®, and NCCN GUIDELINES® are trademarks owned by the National Comprehensive Cancer Network, Inc. To view the most recent and complete version of the Compendium, go online to NCCN.org. Accessed August 2022.
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ICD-10	ICD-10 Description	
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	
C90.32	Solitary plasmacytoma in relapse	
E85.81	Light chain (AL) amyloidosis	
E85.89	Other amyloidosis	
E85.9	Amyloidosis, unspecified	
Z85.79	Personal history of other malignant neoplasms of lymphoid, hematopoietic and related tissues	

Appendix 1 – Covered Diagnosis Codes

Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

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 Determination (NCD), Local Coverage Determinations (LCDs), and Local Coverage Articles (LCAs) may exist and compliance with these policies is required where applicable. They can be found at:



<u>https://www.cms.gov/medicare-coverage-database/search.aspx</u>. Additional indications may be covered at the discretion of the health plan.

	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 VA)	Novitas Solutions, Inc.				
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)				
15	КҮ, ОН	CGS Administrators, LLC				

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

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