Zolgensma[®] (onasemnogene abeparvovec-xioi)

(Intravenous)

Document Number: IC-0468

Last Review Date: 08/01/2022 Date of Origin: 06/01/2019 Dates Reviewed: 06/2019, 08/2020, 08/2021, 08/2022

I. Length of Authorization

Coverage will be provided for one dose and may not be renewed.

II. Dosing Limits

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

• 1 kit (based on weight chart below)

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

• 1 kit (based on weight chart below)

III. Initial Approval Criteria ¹⁻¹¹

Submission of medical records related to the medical necessity criteria is REQUIRED on all requests for authorizations. Records will be reviewed at the time of submission. Please provide documentation via direct upload through the PA web portal or by fax. Zolgensma is exclusively distributed by Accredo Health Services, all requests from non-Accredo providers please contact Health New England directly.

Coverage is provided in the following conditions:

Spinal Muscular Atrophy (SMA) † Φ

- Patient must be less than 2 years of age; AND
- Patient has a diagnosis of 5q spinal muscular atrophy confirmed by either bi-allelic deletion or dysfunctional point mutation of the *SMN1* gene; **AND**
- Patient must have SMA phenotype 1 confirmed by one or more of the following:
 - Patient must have 1-2 copies of the *SMN2* gene; **OR**
 - Patient has 3 copies of the *SMN2* gene in the absence of the c.859G>C single base substitution modification in exon 7; **AND**
- Patient must have a baseline anti-AAV9 antibody titer of \leq 1:50 measured by ELISA; **AND**
- Patient will have baseline liver function assessed prior to and subsequent to therapy for at least 3 months; **AND**
- Used concomitantly with systemic corticosteroids (see dosage/administration below); AND

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- Patient does not have advanced disease (complete limb paralysis, permanent ventilation support, etc.); **AND**
- Will not be used in combination with other agents for SMA (e.g., nusinersen, risdiplam, etc.)

 \dagger FDA Approved Indication(s); \ddagger Compendium Recommended Indication(s); Φ Orphan Drug

IV. Renewal Criteria

Coverage cannot be renewed.

V. Dosage/Administration

Indication	Dose		
SMA1	Preparing for Administration:		
	 One day prior to Zolgensma infusion, begin administration of systemic corticosteroids equivalent to oral prednisolone at 1 mg/kg of body weight per day for a total of 30 days Zolgensma Infusion: Administer as a single-dose intravenous infusion through a venous catheter Administer as a slow infusion over 60 minutes The recommended dose of Zolgensma is 1.1 × 10¹⁴ vector genomes per kilogram (vg/kg) 		
	of body weight		

within 14 days of receipt.

Zolgensma is an adeno-associated virus vector-based gene therapy. Follow precautions for viral vector shedding for one month after the infusion

• For single-dose intravenous infusion only.

VI. Billing Code/Availability Information

HCPCS code:

• J3399 – Injection, onasemnogene abeparvovec-xioi, per treatment, up to 5x10¹⁵ vector genomes; 1 billable unit = 1 treatment, up to 5x10¹⁵ vector genomes

NDC:

Zolgensma kit sizes:

Patient Weight (kg)	NDC	Patient Weight (kg)	NDC
2.6 - 3.0	71894-0120	8.1 - 8.5	71894-0131
3.1 - 3.5	71894-0121	8.6 - 9.0	71894-0132
3.6 - 4.0	71894-0122	9.1 - 9.5	71894-0133
4.1 - 4.5	71894-0123	9.6 - 10.0	71894-0134
4.6 - 5.0	71894-0124	10.1 - 10.5	71894-0135
5.1 - 5.5	71894-0125	10.6 - 11.0	71894-0136
5.6 - 6.0	71894-0126	11.1 - 11.5	71894-0137
6.1 - 6.5	71894-0127	11.6 - 12.0	71894-0138
6.6 - 7.0	71894-0128	12.1 - 12.5	71894-0139
7.1 - 7.5	71894-0129	12.6 - 13.0	71894-0140

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VII. References

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Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description	
G12.0	Infantile spinal muscular atrophy, type I [Werdnig-Hoffmann]	

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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 Articles (LCAs) and Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. They can be found at: http://www.cms.gov/medicare-coverage-database/search.aspx. 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/LCA/LCD): N/A

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