

ALASKA MEDICAID
Prior Authorization Criteria

**Spinal Muscular Atrophy (SMA)
Evrysdi™, Spinraza™**

FDA INDICATIONS AND USAGE^{1,2}

Evrysdi™ is a survival of motor neuron 2 (SMN2) splicing modifier indicated for the treatment of spinal muscular atrophy (SMA) in patients 2 months of age and older. Spinraza™ is a survival motor neuron-2 (SMN2)-directed antisense oligonucleotide indicated for the treatment of spinal muscular atrophy (SMA) in pediatric and adult patients. SMA is a genetic disorder characterized by weakness and wasting (atrophy) in muscles used for movement (skeletal muscles). It is caused by a loss of specialized nerve cells, called motor neurons that control muscle movement.

APPROVAL CRITERIA^{1,2,3,4,5,6,7}

1. Patient's age is to FDA label **AND**;
2. Prescribed by or in consultation with a neurologist that specializes in SMA **AND**;
3. Patient has the diagnosis of SMA confirmed by genetic testing for one of the following:
 - a. Homozygous gene deletion or mutation (I.E., homozygous deletion of exon 7 at locus 5q13) **OR**;
 - b. Compound heterozygous mutation (I.E., deletion of SMN1 exon 7 [allele 1] and mutation of SMN1 [allele 2]) **AND**;
4. Documented baseline motor ability assessment that suggests SMA in at least one of the following:
 - a. If the infant is less than one month of age and the prescriber agrees to provide baseline assessments at 1 month of age **OR**;
 - b. Hammersmith Infant Neurological Exam Part 2 (HINE-2)^{1,8,12} (infant to early childhood) **OR**;
 - c. Hammersmith Functional Motor Scale Expanded (HFMSE) **OR**;
 - d. Bayley Scales of Infant and Toddler Development, Third Edition (BSID-III) [Item 22] **OR**;
 - e. Children's Hospital of Philadelphia Infant Test of Neuromuscular Disorders (CHOP-INTEND)
 - f. Revised Upper Limb Module (RULM) test **OR**;
 - g. Motor Function Measure-32 Items (MFM-32) **AND**;
5. For Spinraza™, thrombocytopenia and coagulation abnormalities testing and quantitative spot urine protein testing will be performed at baseline and prior to each dose. **AND**;
6. Female patients of reproductive potential only: patient will be advised to use effective contraception during treatment and for at least 1 month after the last dose.

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DENIAL CRITERIA^{1,2,8}

1. Failure to meet approval criteria **OR**;
2. Concomitant use of Evrysdi™ and Spinraza™ together **OR**;
3. Patient has previously received gene replacement therapy for the treatment of SMA.

CAUTIONS^{1,2}

- See package inserts.
 - https://www.gene.com/download/pdf/evrysdi_prescribing.pdf
 - https://www.spinraza.com/content/dam/commercial/spinraza/caregiver/en_us/pdf/spinraza-prescribing-information.pdf

DURATION OF APPROVAL

- Initial Approval: up to 6 months
- Reauthorization Approval: up to 12 months if the prescriber documents that the patient has shown improvement or is stable from baseline

QUANTITY LIMIT

- Evrysdi™
 - 0.2 mg/kg once daily if the individual is < 2 years of age
 - 0.25 mg/kg once daily if the individual is ≥ 2 years of age and weighs < 20 kg
 - 5 mg once daily if the individual is ≥ 2 years of age and weighs ≥ 20 kg
- Spinraza™
 - The recommended dosage is 12 mg (5 mL) per administration
 - Initiate SPINRAZA treatment with 4 loading doses. The first three loading doses should be administered at 14-day intervals. The 4th loading dose should be administered 30 days after the 3rd dose. A maintenance dose should be administered once every 4 months thereafter.
 - HCPCS – J2326

REFERENCES / FOOTNOTES:

1. Evrysdi™ oral solution [prescribing information]. South San Francisco, CA; Genentech/Roche; April 2021.
2. Spinraza™ intrathecal injection [prescribing information]. Cambridge, MA: Biogen; June 2020.
3. Glascock J, Sampson J, Connolly AM, et al. Revised recommendations for the treatment of infants diagnosed with spinal muscular atrophy via newborn screening who

ALASKA MEDICAID
Prior Authorization Criteria

- have 4 copies of SMN2. *J Neuromuscul Dis.* 2020;7(2):97-100.
4. Haataja L, Mercuri E, Regev R, et al. Optimality score for the neurologic examination of the infant at 12 and 18 months of age. *J Pediatr.* 1999 Aug;135(2 Pt 1):153-61.
 5. Glanzman AM, O'Hagen JM, McDermott MP, et al. Validation of the Expanded Hammersmith Functional Motor Scale in spinal muscular atrophy type II and III. *J Child Neurol.* 2011;26(12):1499-507.
 6. O'Hagen JM, Glanzman AM, McDermott MP, et al. An expanded version of the Hammersmith Functional Motor Scale for SMA II and III patients. *Neuromuscular disorders : NMD.* 2007;17(9-10):693-7.
 7. Mercuri E, Finkel RS, Muntoni F, et al. Diagnosis and management of spinal muscular atrophy: Part 1: recommendations for diagnosis, rehabilitation, orthopedic and nutritional care. *Neuromuscul Disord.* 2018;28(2):103-115.
 8. Zolgensma® intravenous infusion [prescribing information]. Bannockburn, IL: AveXis; March 2021.