Vimizim (elosulfase alfa)  
Last Review Date: January 1, 2021 Number: MG.MM.PH.310

Medical Guideline Disclaimer

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Definitions

Vimizim (elosulfase) is human N-acetylgalactosamine-6-sulfatase produced in Chinese hamster ovary cells via recombinant DNA technology. Vimizim is a hydrolytic lysosomal enzyme which is taken up by lysosomes and hydrolyzes sulfate from the non-reduced ends of the glycosaminoglycans keratan sulfate and chondroitin-6-sulfate. Vimizim is indicated for patients with Mucopolysaccharidosis type IVA (Morquio A syndrome [MPS IVA]).

Dosing

Approve up to 2 mg/kg administered intravenously no more frequently than once a week.

Length of Coverage

- Approvals will be granted for 12 months

Guideline

Mucopolysaccharidosis Type IVA (Morquio A Syndrome)

- The diagnosis is established by one of the following:
  - Patient has a laboratory test demonstrating deficient N-acetylgalactosamine-6-sulfatase activity in leukocytes or fibroblasts; OR
- Patient has a molecular genetic test demonstrating N-acetylgalactosamine-6-sulfatase gene mutation; **AND**
  - Vimizim is prescribed by or in consultation with a geneticist, endocrinologist, a metabolic disorder sub-specialist, or a physician who specializes in the treatment of lysosomal storage disorders.

**Limitations/Exclusions**
- Coverage is not recommended for circumstances not listed in the Guideline. Criteria will be

**Applicable Procedure Codes**

| J1322 | Vimizim 5 mg injection; 1 billable unit = 1 mg |

**Applicable NDCs**

| 68135-0100-xx | Vimizim 5 mg/5 ml injection |

**Applicable Diagnosis Codes**

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<tr>
<th>ICD-10</th>
<th>ICD-10 Description</th>
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<tr>
<td>E76.210</td>
<td>Morquio A mucopolysaccharidoses</td>
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**Revisions**

| 1/1/2021 | Criteria apply to Commercial, Medicare, and Medicaid members. |

**REFERENCES**