



Cerebral Perfusion Analysis

State(s): <input checked="" type="checkbox"/> Idaho <input checked="" type="checkbox"/> Montana <input checked="" type="checkbox"/> Oregon <input checked="" type="checkbox"/> Washington <input type="checkbox"/> Other:	LOB(s): <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Medicare <input checked="" type="checkbox"/> Medicaid
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Enterprise Policy

Clinical Guidelines are written when necessary to provide guidance to providers and members in order to outline and clarify coverage criteria in accordance with the terms of the Member's policy. This Clinical Guideline only applies to PacificSource Health Plans, PacificSource Community Health Plans, and PacificSource Community Solutions in Idaho, Montana, Oregon, and Washington. Because of the changing nature of medicine, this list is subject to revision and update without notice. This document is designed for informational purposes only and is not an authorization or contract. Coverage determination are made on a case-by-case basis and subject to the terms, conditions, limitations, and exclusions of the Member's policy. Member policies differ in benefits and to the extent a conflict exists between the Clinical Guideline and the Member's policy, the Member's policy language shall control. Clinical Guidelines do not constitute medical advice nor guarantee coverage.

Background

Computed tomography (CT) perfusion imaging provides a quantitative measurement of regional cerebral blood flow. A perfusion CT study involves sequential acquisition of CT sections during intravenous administration of an iodinated contrast agent. Analysis of the results allows the physician to calculate the regional cerebral blood volume, the blood mean transit time through the cerebral capillaries, and the regional cerebral blood flow. CT perfusion imaging may be used to evaluate patients suspected of having an acute stroke whenever Thrombolysis is considered.

Criteria

Commercial

Preauthorization is Required

PacificSource covers cerebral perfusion analysis using computed tomography (CT) as medically necessary for the emergent evaluation of suspected acute stroke (≤ 6 hours from symptom onset) when thrombolytic therapy is being considered.

PacificSource considers cerebral perfusion analysis using CT for any other indications not medically necessary.

Medicaid

Preauthorization is Required

PacificSource Community Solutions follows Oregon Health Plan (OHP) per Oregon Administrative Rules (OAR) 410-120-1200, 410-141-3825, and LCD L35008 guidelines for Cerebral Perfusion Analysis using computed tomography (CT).

Medicare

Preauthorization is Required

PacificSource Medicare follows CMS guidelines and criteria. In the absence of internal policy guidelines, CMS criteria, and evidence-based criteria, requests are reviewed on an individual basis for determination of coverage and medical necessity. *Note pending/proposed LCD DL38667 from CMS.

Coding Information

0042T Cerebral perfusion analysis using CT scan with contrast administration, including post-processing of parameter map with determination of cerebral blood flow, cerebral blood volume, and mean transit time.

References

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Appendix

Policy Number: [Policy Number]

Effective: 8/1/2020

Next review: 8/1/2021

Policy type: Enterprise

Author(s):

Depts: Health Services

Applicable regulation(s): [Applicable Regulation(s)]

[External Entities Affected]