

# **Medical Policies**



Policy S-172

Number:

Policy Name: Ovarian and Internal Iliac Vein Embolization for Pelvic Congestion Syndrome

Policy Type: Medical Policy Surgery

Subtype:

Effective 09-15-2025 End Date: 11-02-2025

Date:

## Description

Pelvic congestion syndrome (PCS also known as pelvic venous incompetence ([PVI]) is a condition that has been present for greater than six (6) months with anatomic findings that include pelvic venous insufficiency and pelvic varicosities.

The technique of transcatheter embolization for ovarian and pelvic varices is a minimally invasive treatment usually performed by an interventional radiologist that involves selective catheterization of the ovarian and internal iliac veins, followed by contrast venography and embolization.

## **Policy Application**

All claims submitted under this policy's section will be processed according to the policy effective date and associated revision effective dates in effect on the date of processing, regardless of service date.

### **Diagnosis Code**

Covered diagnosis codes for procedure code 37241

N94.89

#### **CURRENT CODING**

#### CPT:

37241	VASCULAR EMBOLIZATION OR	Medicaid Expansion
	OCCLUSION VENOUS RS&I	

37241 VASCULAR EMBOLIZATION OR Commercial OCCLUSION VENOUS RS&I

# References

### S-172

- 1. Brown CL, Rizer M, Alexander R, et al. Pelvic congestion syndrome: Systematic review of treatment success. *Semin Intervent Radiol.* 2018;35(1):35-40.
- 2. Guirola JA, Sanchez-Ballestin M, Sierre S, et al. A randomized trial of endovascular embolization treatment in pelvic congestion syndrome: Fibered platinum coils versus vascular plugs with 1-year clinical outcomes. *J Vasc Interv Radiol.* 2018;29(1):45-53.
- 3. Gavrilov SG, Sazhin A, Krasavin G, et al. Comparative analysis of the efficacy and safety of endovascular and endoscopic interventions on the gonadal veins in the treatment of pelvic congestion syndrome. *J Vasc Surg Venous Lymphat Disord*. 2020;S2213-333X(20)30318-8.
- 4. Liu J, Han L, Han X. The effect of a subsequent pregnancy after ovarian vein embolization in patients with infertility caused by pelvic congestion syndrome. *Acad Radiol.* 2019;26(10):1373-1377.
- 5. Society of Interventional Radiology (SIR). Diseases and conditions: Chronic pelvic pain (pelvic congestion syndrome) [Patient Center]. n.d.; https://www.sirweb.org/patient-center/pelvic-venous-disease/.
- 6. Hayes, Inc. Hayes Health Technology Assessment. *Ovarian or Internal Iliac Vein Embolization For Treatment Of Pelvic Congestion Syndrome.* Lansdale, PA. Hayes, Inc.; 9/20/2019.
- 7. InterQual<sup>®</sup> Level of Care Criteria 2022. Acute Care Adult. Change Healthcare, LLC.
- 8. Gavrilov SG, Sazhin A, Krasavin G,et al. Comparative analysis of the efficacy and safety of endovascular and endoscopic interventions on the gonadal veins in the treatment of pelvic congestion syndrome. *J Vasc Surg Venous Lymphat Disord*. 2021;9(1):178-186.
- 9. Gavrilov SG, Vasilyev AV, Krasavin GV,et al. Endovascular interventions in the treatment of pelvic congestion syndrome caused by May-Thurner syndrome. *J Vasc Surg Venous Lymphat Disord*. 2020;8(6):1049-1057.
- 10. Corrêa MP, Bianchini L, Saleh JN, et al. Pelvic congestion syndrome and embolization of pelvic varicose veins. *J Vasc Bras*. 2019;18:e20190061.
- 11. Sozutok S, Piskin FC, Balli HT, et al. Efficacy of the endovascular ovarian vein embolization technique in pelvic venous congestion syndrome. *Pol J Radiol*. 2022;87:e510-e515.
- 12. Kashef E, Evans E, Patel N, et al. Pelvic venous congestion syndrome: Female venous congestive syndromes and endovascular treatment options. *CVIR Endovasc.* 2023;6(1):25.
- 13. Bartl T, Wolf F, Dadak C. Pelvic congestion syndrome (PCS) as a pathology of postmenopausal women: A case report with literature review. *BMC Womens Health*. 2021;21(1):181.
- 14. Senechal Q, Echegut P, Bravetti M, et al. Endovascular treatment of pelvic congestion syndrome: Visual analog scale follow-up. *Front Cardiovasc Med.* 2021;8:751178.

### **ND Committee Review**

Internal Medical Policy Committee 7-16-2019 Coding update:

o Added diagnosis code N94.89

Internal Medical Policy Committee 11-19-2020 Annual Review

o Added Professional Statement

Internal Medical Policy Committee 11-23-2021

Updated with clarifying language

Internal Medical Policy Committee 11-29-2022 Annual Review no changes in criteria Internal Medical Policy Committee 11-15-2023 Annual Review no changes in criteria Internal Medical Policy Committee 1-16-2024 Revision - Effective March 04, 2024

- *Updated* criteria to medically necessary; and
- o Updated references; and
- *Added* covered diagnosis code for procedure code.

Internal Medical Policy Committee 1-14-2025 Annual Review no changes in criteria

• Added Policy Application

#### Disclaimer

Current medical policy is to be used in determining a Member's contract benefits on the date that services are rendered. Contract language, including definitions and specific inclusions/exclusions, as well as state and federal law, must be considered in determining eligibility for coverage. Members must consult their applicable benefit plans or contact a Member Services representative for specific coverage information. Likewise, medical policy, which addresses the issue(s) in any specific case, should be considered before utilizing medical opinion in adjudication. Medical technology is constantly evolving, and the Company reserves the right to review and update medical policy periodically.