Introduction to the MitraClip Clip Delivery System (MitraClip CDS)

The MitraClip Clip Delivery System (MitraClip CDS) is a permanent implant that attaches to the mitral valve leaflets. It is inserted by a catheter through the femoral vein and guided into the heart, where it is positioned by grasping both leaflets of the mitral valve. This procedure allows greater closure and reduces the leakiness of the valve.

Indications for use

The MitraClip CDS is intended to treat patients with significant symptomatic degenerative mitral regurgitation with MR ≥ 3+ who are at high risk for cardiac surgery.

Benefits

The major clinical benefit of the MitraClip is the reduction of mitral regurgitation. Other benefits may include:

- Fewer hospitalizations
- Improved quality of life
- Reverse left ventricular remodeling
- Symptomatic relief

Contraindications

MitraClip is contraindicated in patients with degenerative mitral valve regurgitation who meet the following conditions:

- Inability to tolerate procedural anticoagulation or post-procedural anti-platelet regimen
- Active endocarditis of the mitral valve
- Rheumatic mitral valve disease
- Evidence of intracardiac, inferior vena cava (IVC) or femoral venous thrombus
OHSU KnighT CardiOvascular Institute

OHSU Accepting Patients for MitraClip® Mitral Valve Repair

CMS coverage

The Centers for Medicare & Medicaid Services (CMS) covers MitraClip CDS for the treatment of mitral valve regurgitation:

- When used for the FDA-approved indication for treatment of degenerative mitral regurgitation in patients at high risk for cardiac surgery
- Participation in the COAPT (Clinical Outcomes Assessment of the MitraClip Percutaneous Therapy for Patients with Heart Failure and Functional Mitral Valve Regurgitation) clinical trial at OHSU

OHSU’s Heart Valve team

Coordinated, state-of-the-art multidisciplinary evaluation and care provided by disciplines including cardiac surgery, interventional cardiology, cardiac imaging and interventional radiology.

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