



MitraClip

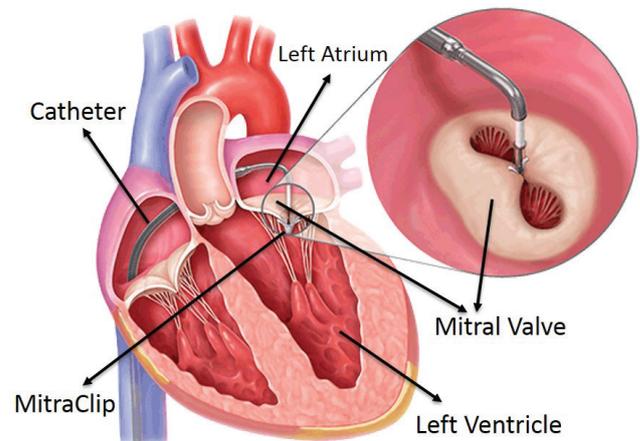
MitraClip is a minimally invasive procedure performed through the leg (vein) to treat a leaking mitral valve (mitral regurgitation). MitraClip is a reasonable alternative to open heart surgery in some patients.

When the mitral regurgitation leak is significant it can cause excessive stress on the heart leading to heart failure. This can cause symptoms of breathlessness, leg swelling and abnormal heart beat sensations (palpitations).

The traditional way to fix a severely leaking mitral valve is by open heart surgery. However, for some patients their other health problems or the nature of their heart health means that they would not likely make it through or recover from an open-heart procedure. In these situations, treating the leaking valve with a clipping procedure through the leg (MitraClip) can be a reasonable alternative.

After careful assessment and consideration involving the patient, treating GP, cardiologists and heart surgeons, it may be assessed that a MitraClip be recommended for the management of your mitral valve disease. Where this is the case the procedure usually involves the following:

- General anaesthetic (fully put to sleep) with a breathing machine to support breathing
- An ultrasound probe (transoesophageal echocardiogram probe) is placed down your food pipe to visualise the heart.
- A tube called a sheath is inserted into the vein in the leg.
- A delivery cable carrying the repair device is taken up to the heart through the sheath (tubes described in the point above) and positioned to clip the leaking portion of the mitral valve. Two or three clips may be required.
- This process involves crossing from the right to left side of the heart internally and involves creating a small hole in one of the internal walls (called the atrial septum) in the heart.



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