

# TRANSCATHETER MITRAL VALVE REPAIR - MitraClip PROCEDURE



Valve Replacement without Open Heart / Valve Repair Surgery

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RESPECT FOR LIFE





## ABOUT THE PROCEDURE TRANSCATHETER MITRAL VALVE REPAIR

MitraClip therapy is a non-surgical method to repair the leaking mitral valve. Your heart doctor, based on your Echo report and other parameters, will guide you about suitability of MitraClip in your case. MitraClip™ therapy is approved worldwide for treatment of your leaking mitral valve using an implanted Clip. **There is a large pool of patients treated across the world with good outcomes.**

## HOW SHOULD YOU PREPARE FOR YOUR PROCEDURE?

In the days before your procedure, it is important that you:

- Take all your prescribed medications
- Tell your doctor if you are taking any other medications
- Make sure your doctor knows the allergies you have
- Follow all instructions given to you by your doctor or nurse

## MITRACLIP™ IMPLANT

MitraClip™ is available in various sizes to help personalize your care for optimal results. The Clip is small, made of metal, and covered with a polyester fabric to PROMOTE HEALING.



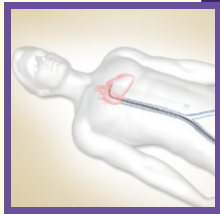
## WHAT WILL HAPPEN DURING YOUR PROCEDURE?

Your procedure will be performed in a specialized room at the hospital called a “Hybrid cathlab.” During the procedure, you will be placed under general anesthesia to put you in a deep sleep. Your doctor will use fluoroscopy (a type of X-ray) and transesophageal echocardiography (a type of ultrasound) during the procedure to visualize your heart. On average, the time required to perform this procedure is between **2 to 4 hours**. However, the length of the procedure can vary due to differences in anatomy.

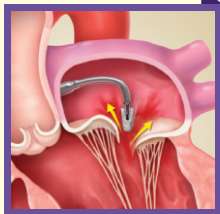
The following steps provide a general overview of the TMVr procedure with the MitraClip™ system—your experience may be different. Your doctor will explain the procedure to you and can provide you with specific details and answer any questions you may have.



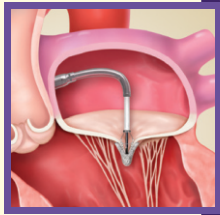
**1** Your doctor will make a small incision in your upper leg, where a Steerable Guide Catheter (a hollow, flexible tube similar to the diameter of a pencil) will be inserted through a vein to reach your heart.



**2** The MitraClip™ Implant, which is attached to the end of a Clip Delivery System, will be guided to your mitral valve through the catheter. Your doctor will use imaging equipment to guide the placement of the Clip.



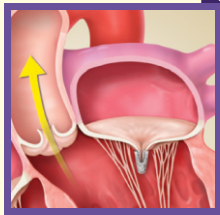
**3** Your doctor will implant the Clip at the appropriate position on your mitral valve. The Clip will grasp the mitral valve leaflets to close the center of the mitral valve and reduce mitral regurgitation. Your doctor will then perform tests to confirm that the Clip is working properly. In some cases, your doctor may implant a second Clip for further reduction of mitral regurgitation (leakage).



**4** Once the Clip is in place and working properly, it will be disconnected from the Clip Delivery System. The Clip Delivery System and the Steerable Guide Catheter will then be removed from your body and the incision in your leg will be closed.



**5** The implanted Clip will become a permanent part of your heart, allowing your mitral valve to close more tightly and reduce the backward flow of blood.



## WHAT WILL HAPPEN AFTER YOUR PROCEDURE?

Your hospital stay following the procedure will likely range from **three to five days**, depending on your recovery and overall health. You should experience relief from your symptoms of mitral regurgitation soon after your procedure. Most patients will **not need special assistance at home following discharge** from the hospital, outside of ongoing needs for any unrelated health conditions.

While in the hospital, you will be closely monitored and your doctor will perform various tests to evaluate your heart function. You may be prescribed blood-thinning medications to help reduce the risk of developing a dangerous blood clot after the procedure. Your doctor or nurse will give you instructions about your medications before you leave the hospital.

You will be discharged to the care of your cardiologist or family doctor, who will ask you to return for follow-up visits. It is important that you keep all appointments for follow-up care and follow your doctor's instructions.

