



## Is TMR for you?

TMR is recommended for people with severe, chronic angina — chest pain resulting from coronary artery disease—who have tried other conservative treatments and not gotten relief. You'll need to talk to your doctor to determine whether TMR is an appropriate option for you.

*"I felt wonderful. I didn't hurt anymore. I could breathe again. TMR changed my life."*

**Theresa**  
TMR Patient

## Get a load off your chest.

No matter how severe your angina is, or how long it has been going on, there's no need to give in to the pain. Talk to your doctor about TMR. It could be the first step to finally reclaiming your life.

To learn more, visit  
**[cardiogenesis.com/patient](http://cardiogenesis.com/patient)**  
or contact us at 888.427.9654

### References

1. Allen KB, et al. Ann Thorac Surg. 2004 Apr; 77(4):1228-34.
2. Burkhoff D, et al. Lancet 1999 Sep 11; 354(9182):885-90.
3. Allen KB, et al. N Engl J Med 1999 Sep 30; 341(14):1029-36.
4. Kindzelski BA, et al. Med Devices: Evidence and Research. 2014 Dec; 2015:8 11-19.



All trademarks are registered trademarks of CryoLife, Inc.  
© 2015 CryoLife, Inc. All rights reserved. ML0986.000 (11/2015)

## ANGINA PAIN?



**Information for Patients Considering  
Transmyocardial Revascularization**



61%

of patients were free of cardiac  
rehospitalizations at one year compared to  
only 33% with maximal medical treatment<sup>3</sup>



## Do you feel you're at the end of the road?

If you've been dealing with severe and chronic angina pain for a long time, chances are you're not only hurting, but frustrated. If it seems like you and your doctor have tried everything—diet and lifestyle changes, medication, angioplasty and stenting—and you just can't get relief, there's another option you should know about. It's called **Transmyocardial Revascularization—TMR**, and it's making a dramatic difference in the lives of patients like you.



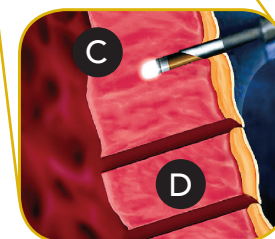
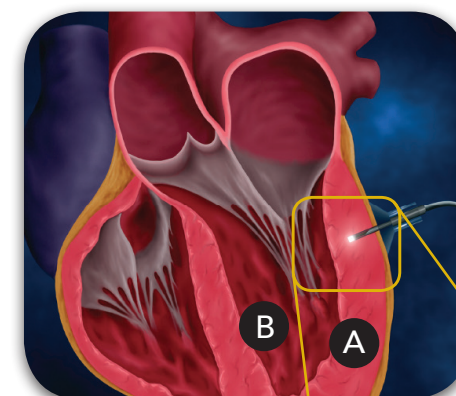
## TMR can help.

TMR has been proven to reduce pain and improve quality of life for patients with severe angina.<sup>1-3</sup> It may help you return to a more active lifestyle, reduce the need for some of the medications you've been taking to manage your angina pain, and has even been shown to reduce major adverse cardiac events.<sup>2,3</sup> But when your severe angina doesn't respond to more conservative treatments, TMR may offer real hope for relief.

## What is TMR?

TMR is a minimally invasive procedure\* where a cardiac surgeon uses the **CardioGenesis Laser Therapy System** to create tiny channels into the heart muscle to reduce the symptoms of severe angina. More than 50,000 TMR procedures have been performed since 1999.<sup>4</sup> And the overwhelming majority of patients have continued to experience significant relief from angina, even 5 years after the procedure.<sup>1</sup>

\*When done via mini thoracotomy or robotically.



The laser fiber is placed on the heart wall (A) of the pumping chamber (B). Laser energy (C) then creates channels through the heart wall (D).

**88%**

*of patients achieved a two-class or greater angina reduction, compared with 44% with maximal medical treatment<sup>1</sup>*

**33%**

*of patients were angina-free at five years, compared with 11% with maximal medical treatment<sup>1</sup>*

**54%**

*of patients were free of a major adverse cardiac event at one year compared to only 31% with maximal medical treatment<sup>3</sup>*