

The first transcatheter device designed to deliver

# The Right Solution for the Right Side



**Edwards Cardioband Tricuspid  
Valve Reconstruction System**



Edwards

# Tricuspid regurgitation is largely undertreated.

Patient mortality is significant.

**<1%** are treated surgically<sup>1\*</sup>

**>36%** one-year mortality rate for patients with severe tricuspid regurgitation<sup>2</sup>

- Many patients diagnosed with tricuspid regurgitation are medically managed
- Patients may experience debilitating symptoms, with few treatment options

\* Based on US data.

Clinical results show the Cardioband Tricuspid System safely and effectively reduces tricuspid regurgitation and improves quality of life.<sup>3</sup>



The first-ever, CE Marked transcatheter tricuspid annular reduction system

# Cardioband Tricuspid Valve Reconstruction System.

Designed to safely and effectively reduce tricuspid regurgitation through annular reduction.<sup>3</sup>

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- **Restores** valve to a more functional state, facilitating leaflet coaptation
  - **Enables** annular reduction based on each patient's anatomy
  - **Supports** real-time adjustment and confirmation of procedural results
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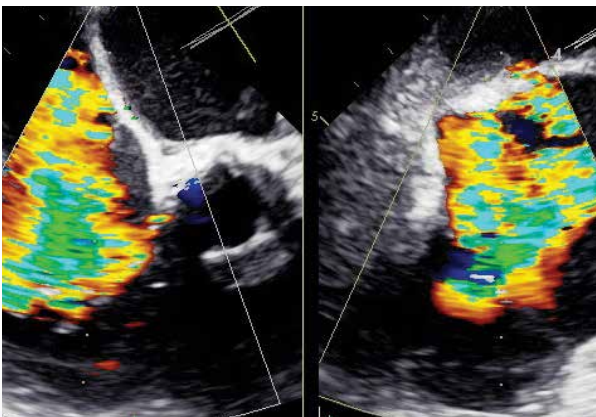


# Facilitates leaflet coaptation. Preserves native anatomy.

Cardioband Tricuspid System addresses the main physiological cause of tricuspid regurgitation: annular dilatation.

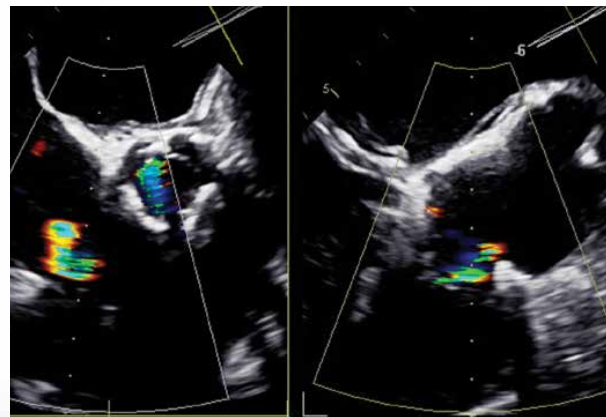
- Supra-annular fixation preserves native anatomy—keeping future treatment options open

Real-time intraprocedural adjustment and confirmation of results



## ECHO AT BASELINE

Transesophageal echocardiogram (TEE) shows tricuspid regurgitation at baseline



## ECHO POST-PROCEDURE

Real-time, intra-procedural confirmation of reduction in tricuspid regurgitation

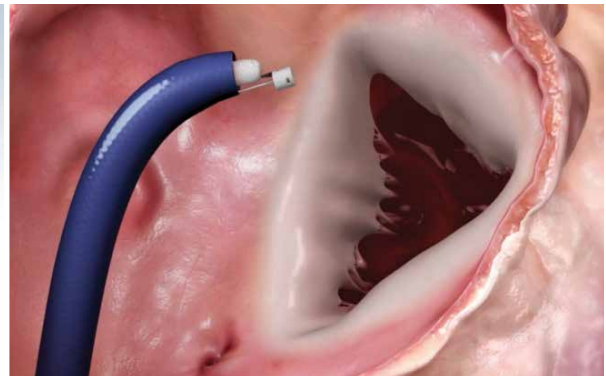


# A reproducible and standardised procedure.

## Precise positioning in patient anatomy

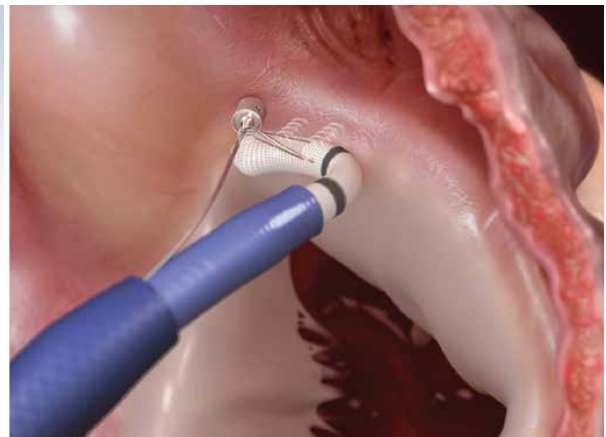
### 1. Access

Insert Cardioband delivery system into the right atrium using a transfemoral approach.



### 2. Deploy

Deploy implant via a steerable catheter to navigate around the tricuspid annulus, securing the implant with stainless steel anchors.



### 3. Adjust and Reduce TR

Introduce the size adjustment tool over a wire and rotate the adjustment knob clockwise for implant contraction.



## Edwards Cardioband Tricuspid Valve Reconstruction System

- ▶ **Reduce**  
the annulus based on each patient's anatomy
- ▶ **Repair**  
with real-time confirmation of results
- ▶ **Restore**  
the valve to a more functional state



## Driven by a passion to help patients.

With the first-ever introduction of an advanced, CE Marked transcatheter solution for the treatment of tricuspid regurgitation, Edwards Lifesciences continues to innovate in meaningful and lasting ways for both physicians and patients.

For more information, please visit [www.edwards.com/CardiobandTR](http://www.edwards.com/CardiobandTR)

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### References

1. Fender EA, Zack CJ, Nishimura RA. Isolated tricuspid regurgitation: outcomes and therapeutic interventions. *Heart*. 2017; doi:10.1136/heartjnl-2017-311586.
2. Nath J, Foster E, Heidenreich PA. Impact of tricuspid regurgitation on long-term survival. *J Am Coll Cardiol*. 2004;43:405-409.
3. Nickenig G. TRI-REPAIR: 30-day outcomes of transcatheter TV repair in patients with severe secondary tricuspid regurgitation. Presented at TCT 2017; Denver, CO.

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