

RANDOMIZED CONTROLLED TRIAL 1-YEAR RESULTS IN 350 PATIENTS

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What this trial has shown is that we have an **incredibly effective and safe therapy that improves quality of life**. This is what patients want."

**Dr. Paul Sorajja**TRILUMINATE Pivotal Trial
Principal Investigator



Scan to learn more abou TriClip™ TEER data



### **TriClip**<sup>™</sup>

Transcatheter Edge-to-Edge Repair

# IMPROVING QUALITY OF LIFE WITHOUT COMPROMISE'

### **Objective**

Evaluate the safety and effectiveness of tricuspid transcatheter edge-to-edge repair (TEER) with the TriClip™ TEER device in symptomatic patients, with severe tricuspid regurgitation, who are intermediate or greater estimated risk for mortality with tricuspid valve surgery.

### Study Design

**Prospective, randomized,** multi-center, controlled clinical trial to compare **TriClip™ TEER System vs. medical therapy.** 

#### **Baseline**





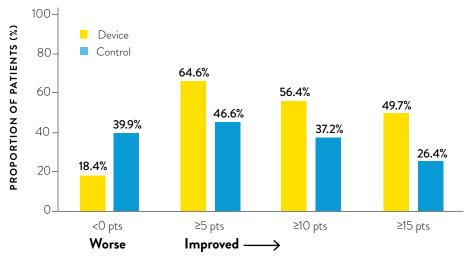
### **Primary Endpoint**

The primary end point was met: **TriClip™ TEER was superior to medical therapy,** primarily driven by improvements in KCCQ score. Hospitalization for heart failure and mortality rates were very low, and comparable between the two arms.

### Quality of Life Improvements, Baseline to 1 Year



49.7% of patients in the device group experienced ≥15 points improvement in KCCQ-OS health-related quality of life.



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## IMPROVING QUALITY OF LIFE WITHOUT COMPROMISE<sup>1</sup>

### TRILUMINATE™ Pivotal Trial: 1-year Follow-up, Randomized Data

### **Patient Baseline Characteristics**

71%

**MASSIVE OR** 

**TORRENTIAL TR** 

**OF PATIENTS HAD** 

4.4±0.7cm

TRICUSPID VALVE **ANNULUS DIAMETER**  >35%

**OF PATIENTS WITH PRIOR VALVULAR** INTERVENTION

15%

OF PATIENTS HAD A CRT, CRT-D, ICD, OR PERMANENT PACEMAKER

### Extremely Safe at 30 Days

98.3% **FREEDOM FROM MAEs** 

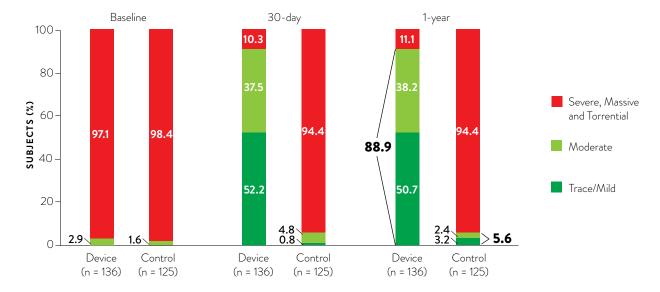
**SURVIVAL** 99.4%

**NEW PACEMAKER** 0.6% **IMPLANTATION** 

**NONELECTIVE CV** 0% **SURGERY FROM DEVICE-RELATED AE** 

O% DEVICE EMBOLIZATION

### Remarkable and Sustained TR Reduction



AE = adverse events CV = cardiovascular KCCQ-OS = Kansas City Cardiomyopathy Questionnaire Overall Summary MAE = major adverse event TEER = transcatheter edge-to-edge repair

TR = tricuspid regurgitation

1. Sorajja P, Whisenant B, Hamid N, et al. TRILUMINATE Pivotal: A Landmark Randomized Clinical Trial of  $Transcatheter\ Tricuspid\ Valve\ Edge-to-Edge\ Repair\ For\ Tricuspid\ Regurgitation."\ Presented\ at\ ACC;\ March\ 4,$ 2023; New Orleans, LA; USA

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