

VI CONGRESSO INFERMIERISTICO LA MALATTIA CARDIACA: ... E DOPO ?

«Welcome»

16 Aprile 2016

Tiziano Moccetti

*Direttore medico e primario di Cardiologia
Fondazione Cardiocentro Ticino*



*Associated Institute
of the University of Zurich*

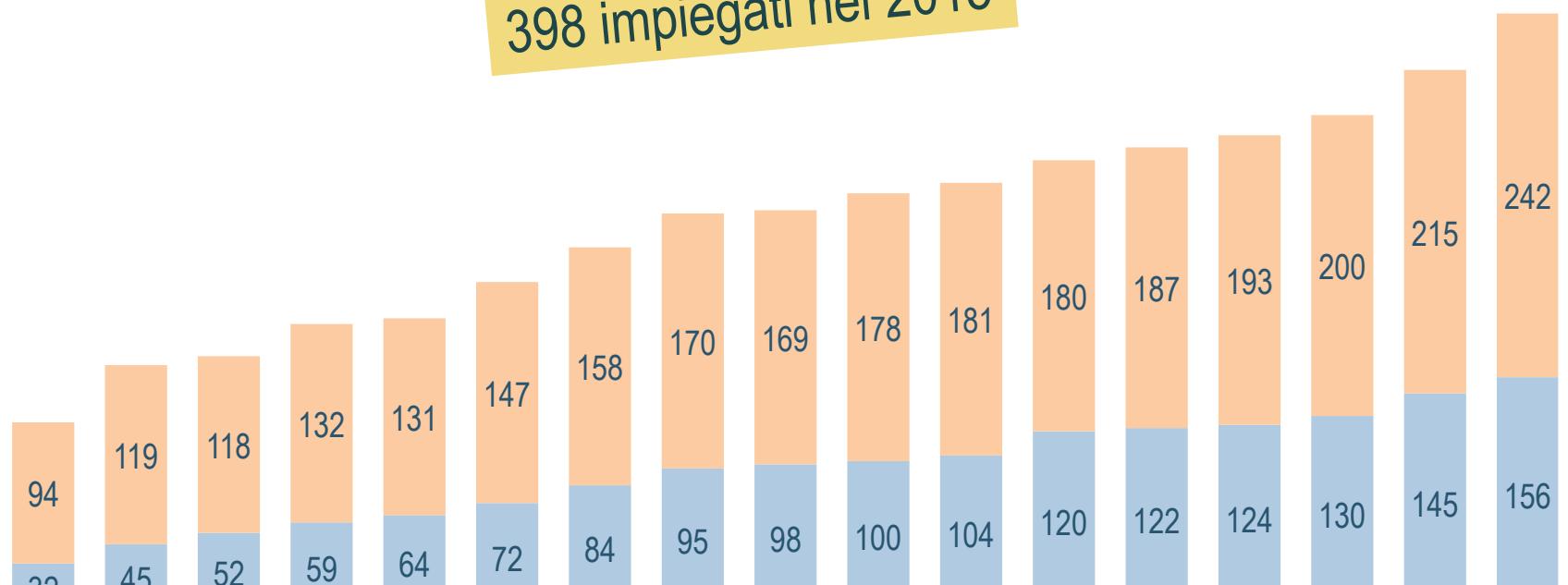


University of
Zurich^{UZH}



Evoluzione degli impieghi

398 impiegati nel 2015



1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015



15 nazionalità

The Magic Team





1. Gennaio 2016

Areas of research

Imaging	Invasive Cardiology	Electrophysiology and heart failure	Clinical research	UTC Cell therapy
Cardiac CT	PCI	Cardiac implantable electronic devices	AMI	Clinical trials
Echocardiography	Percutaneous Valve	Ablation	Stents	Clean Room
Cardiac MRI	Primary PCI	Heart failure	Heart failure	Basic cellular research



Stem Cells
CIEDs
Pharmacology (SRC)

Servizio di cardiologia

Tecnologie di imaging cardiaco di ultima generazione



3D Ecocardiography



Multislice computed
tomography (cardio CT)



3 Tesla cardiovascular
magnetic resonance



SPET -CT

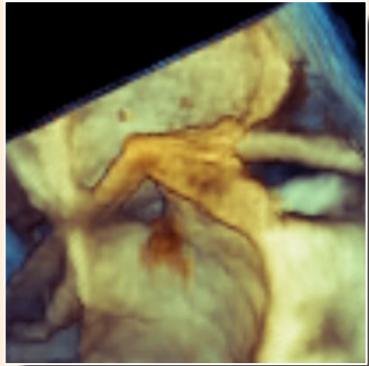


PET CT

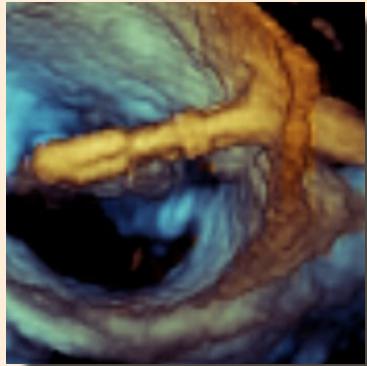


FUTURO?

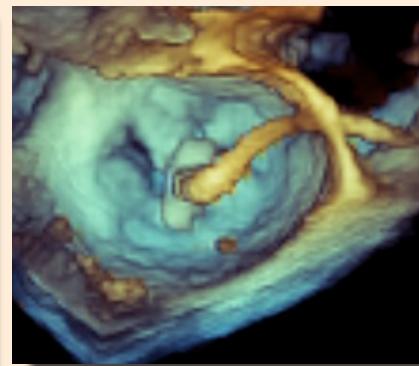
Interventional 3D TEE: GPS !!



IAS puncture



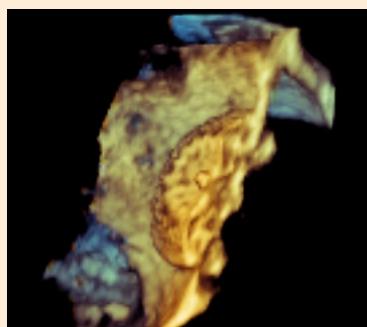
Mitral clip monitoring



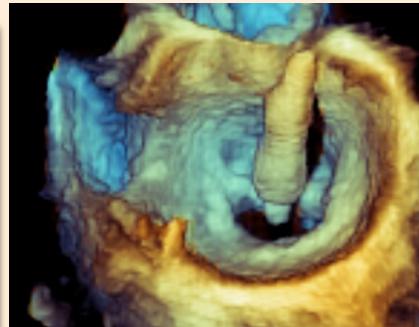
Closure of prosthetic leak



CVTI ablation



ASD closure



Balloon valvuloplasty



Closure of LAA

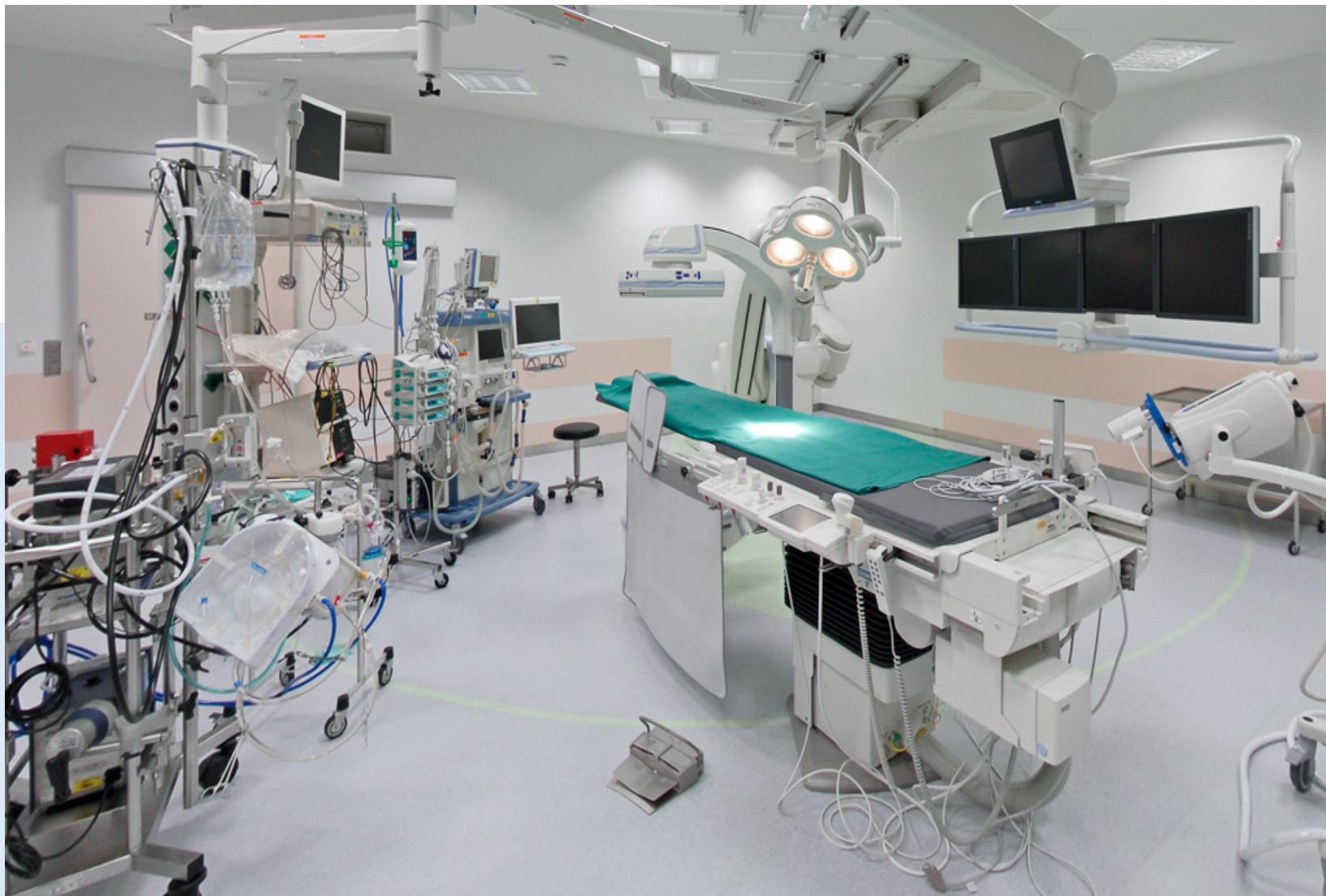
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Sala Ibrida



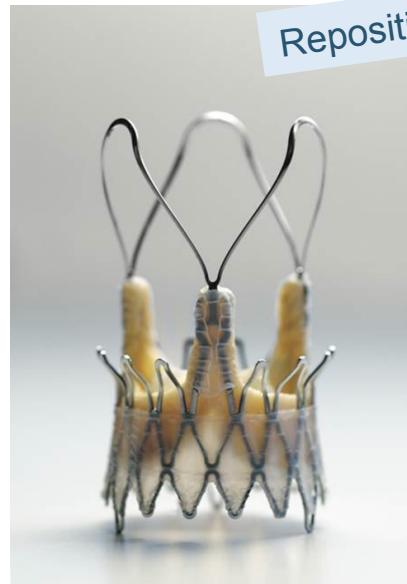
Valvole



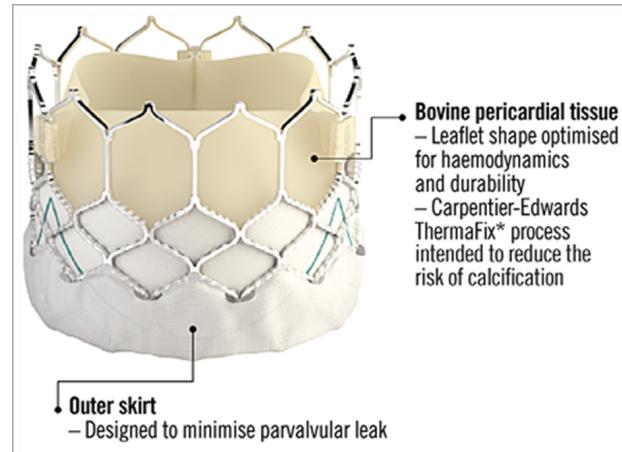
Repositionable, TA



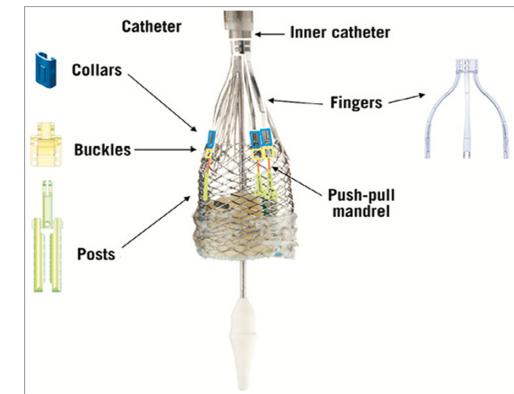
Symetis Accurate, CH



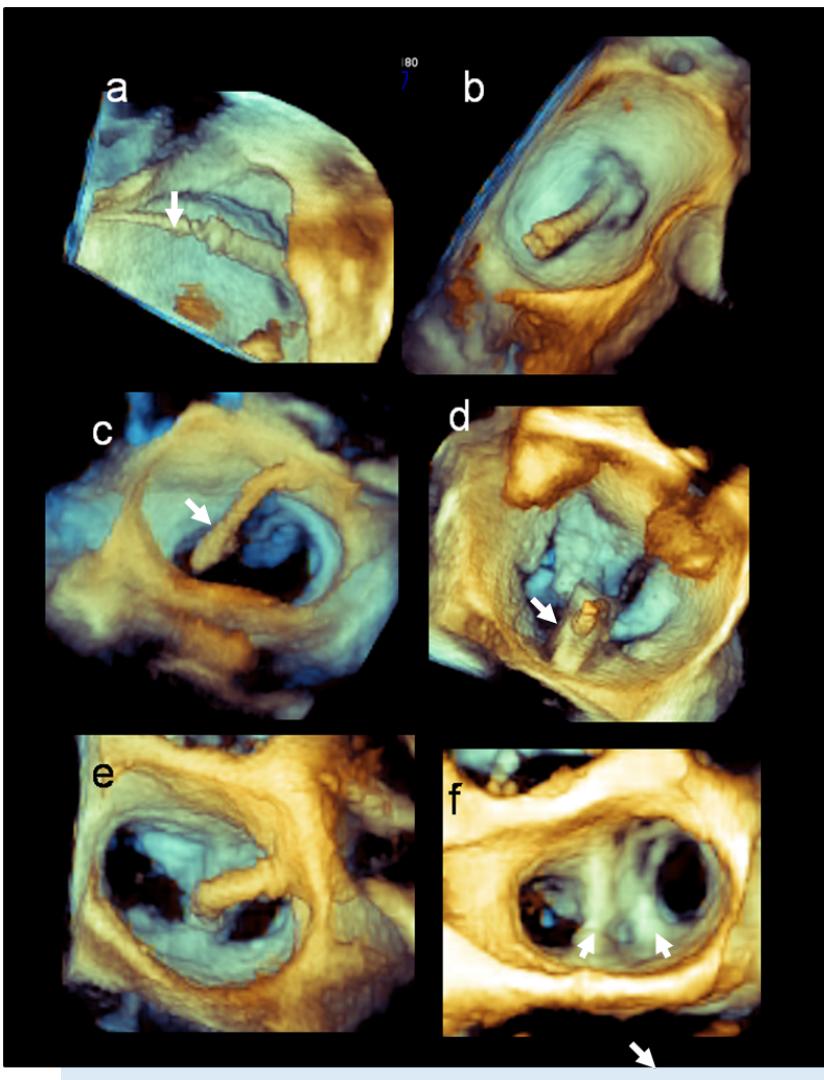
Edwards Sapien 3



Boston Lotus



1° intervento
in Svizzera

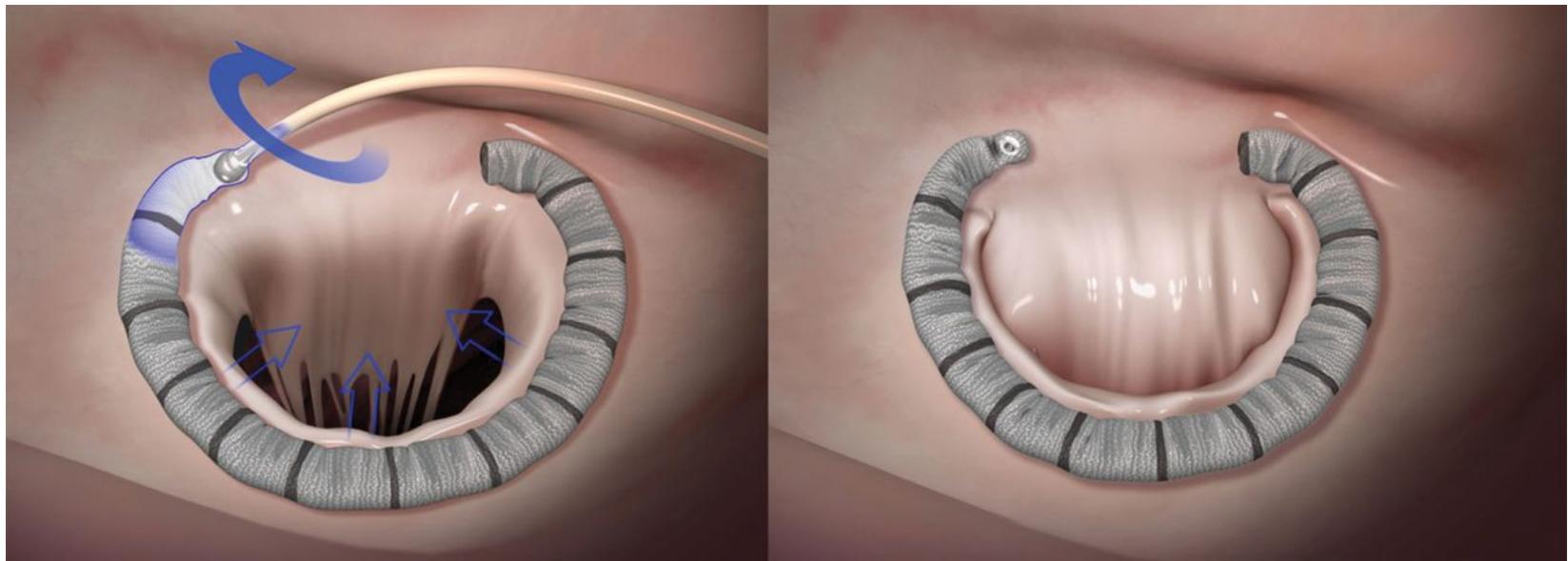


Mitra Clip

*Per la riparazione trans-catetere
della valvola mitrale*



Cardioband adjustment



Francesco Maisano et al. Eur Heart J 2016;37:817-825

Areas of research

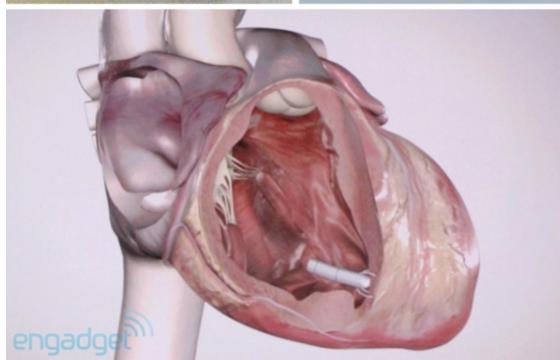
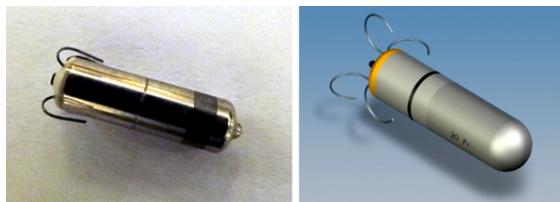
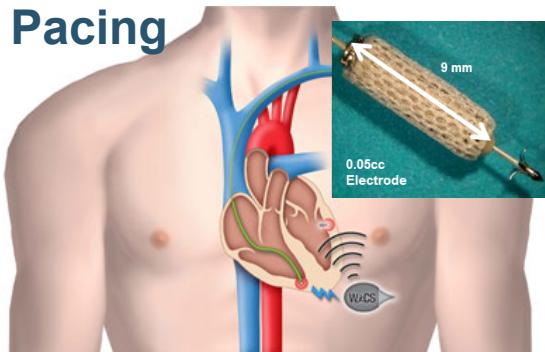
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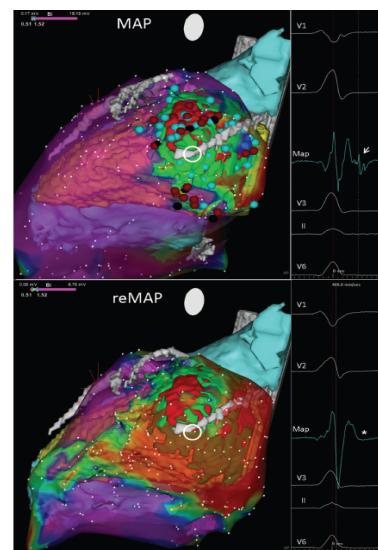
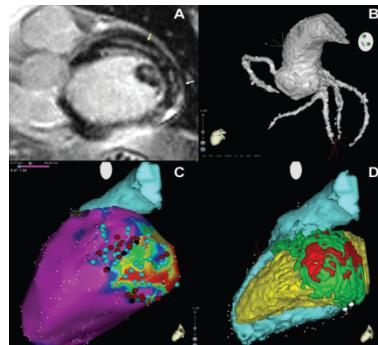
Stem Cells
CIEDs
Pharmacology (SRC)

Evolution of current approach

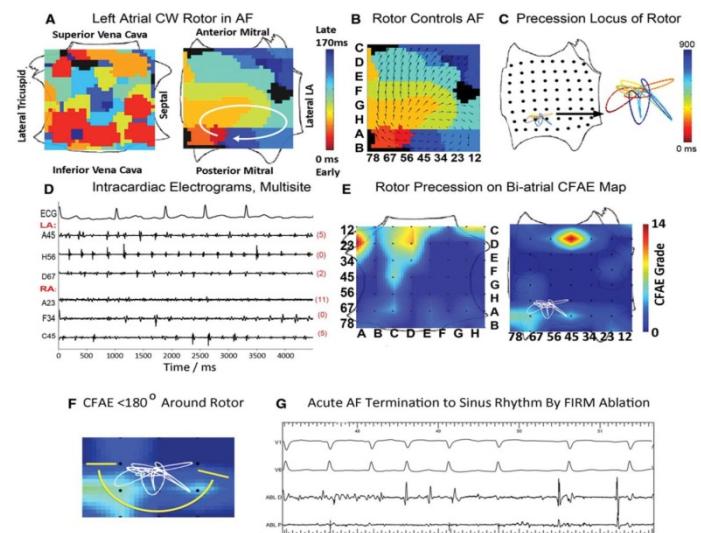
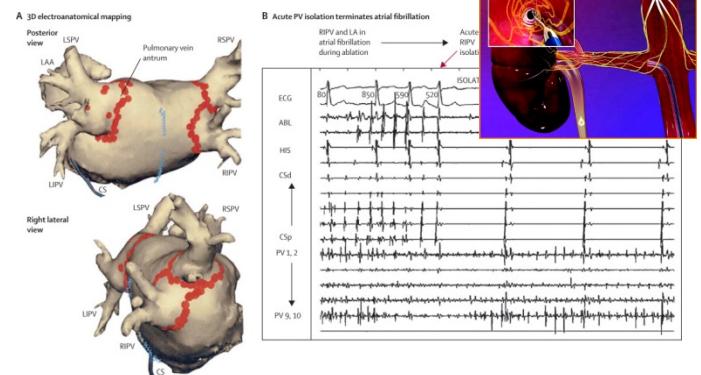
Wireless Cardiac Pacing



Ventricular Tachycardia



Atrial Fibrillation



Micra System



Jarvik 2000

data impianto: 11.01.2011



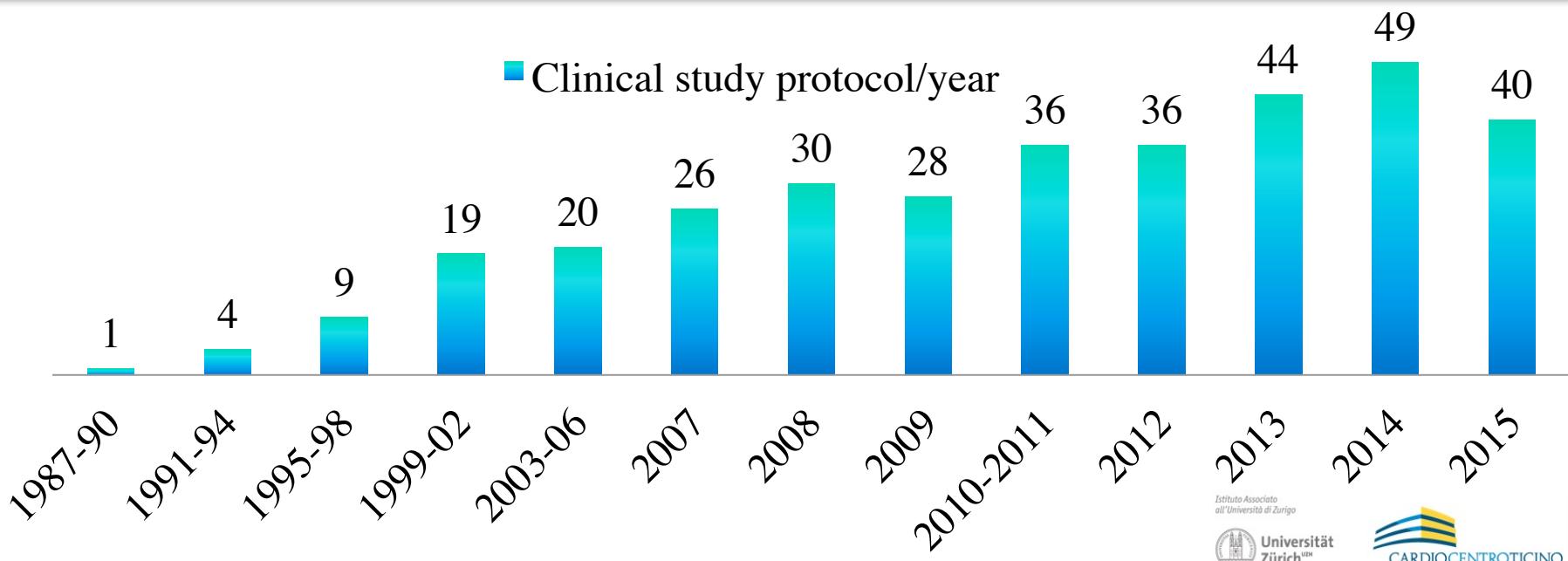
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Stem Cells
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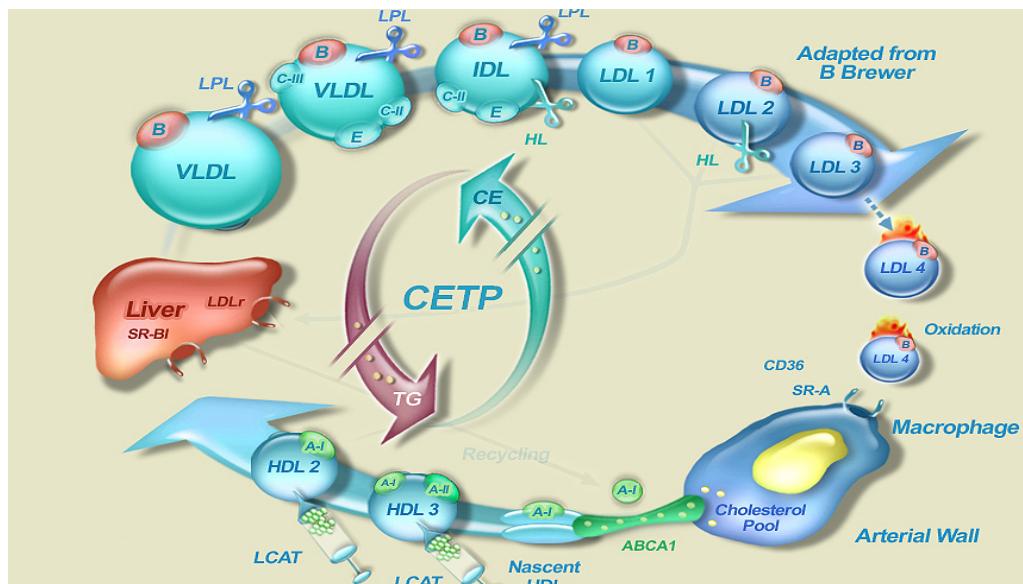
Evolution of SRC active protocols (1987-2015)



Department of Cardiovascular Research

Lilly ACCELERATE

A Study of Evacetrapib in High-Risk Vascular Disease (ACCELERATE)

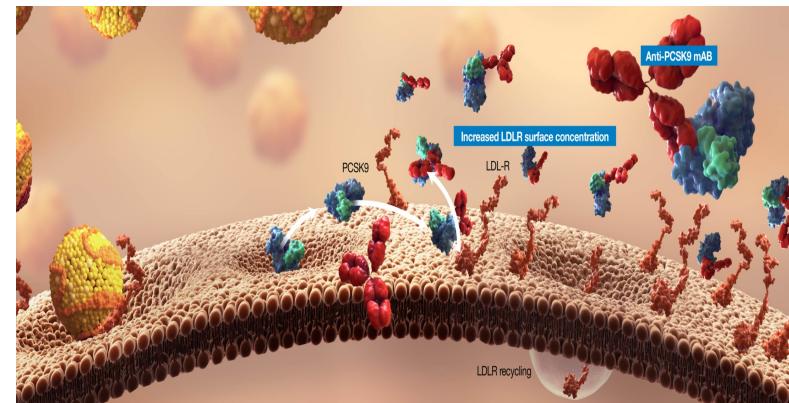
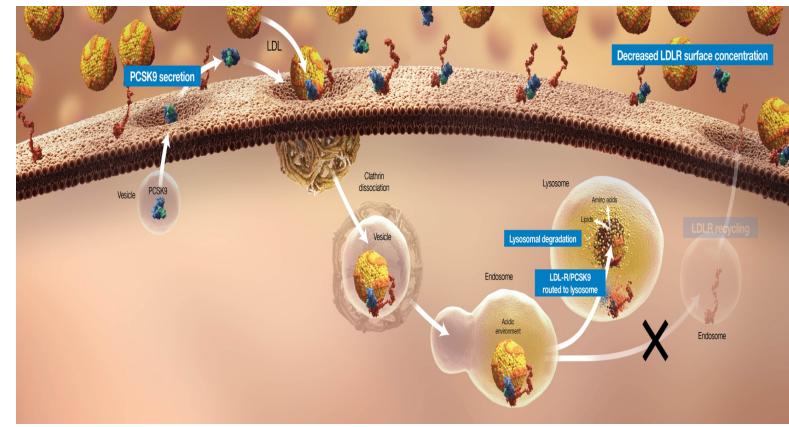


- Results of EIAF Phase 2 Study:
- HDL increase exceeding 125%
 - LDL decrease exceeding 35% for highest dose



AMG 145 – Phase 3 Program

Protocols 20110116 (GAUSS)_Goal Achievement after Utilizing an anti-PCSK9 antibody in Statin Intolerant Subje, 20110118 (FOURIER)_Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk

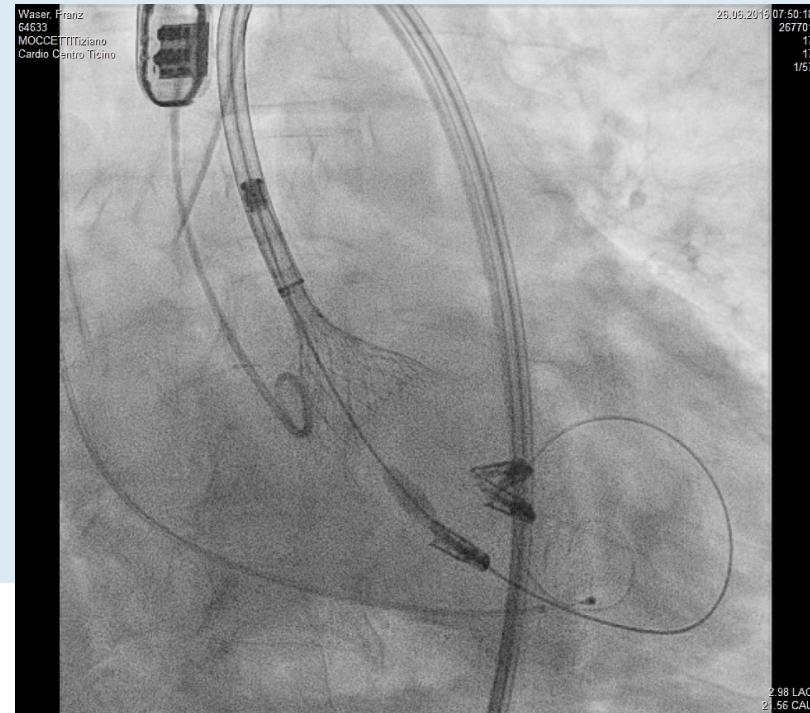
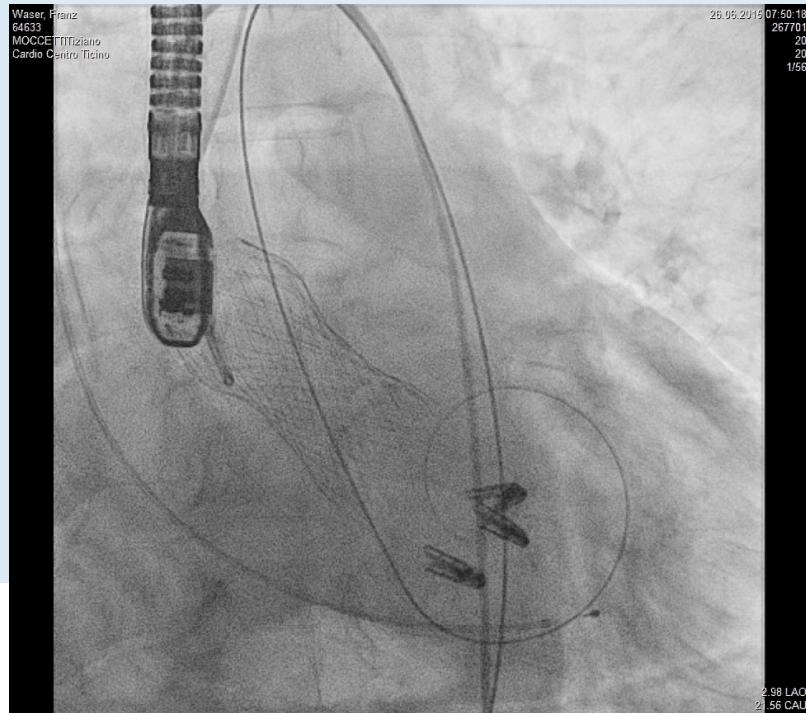


CARDIOCENTROTICINO

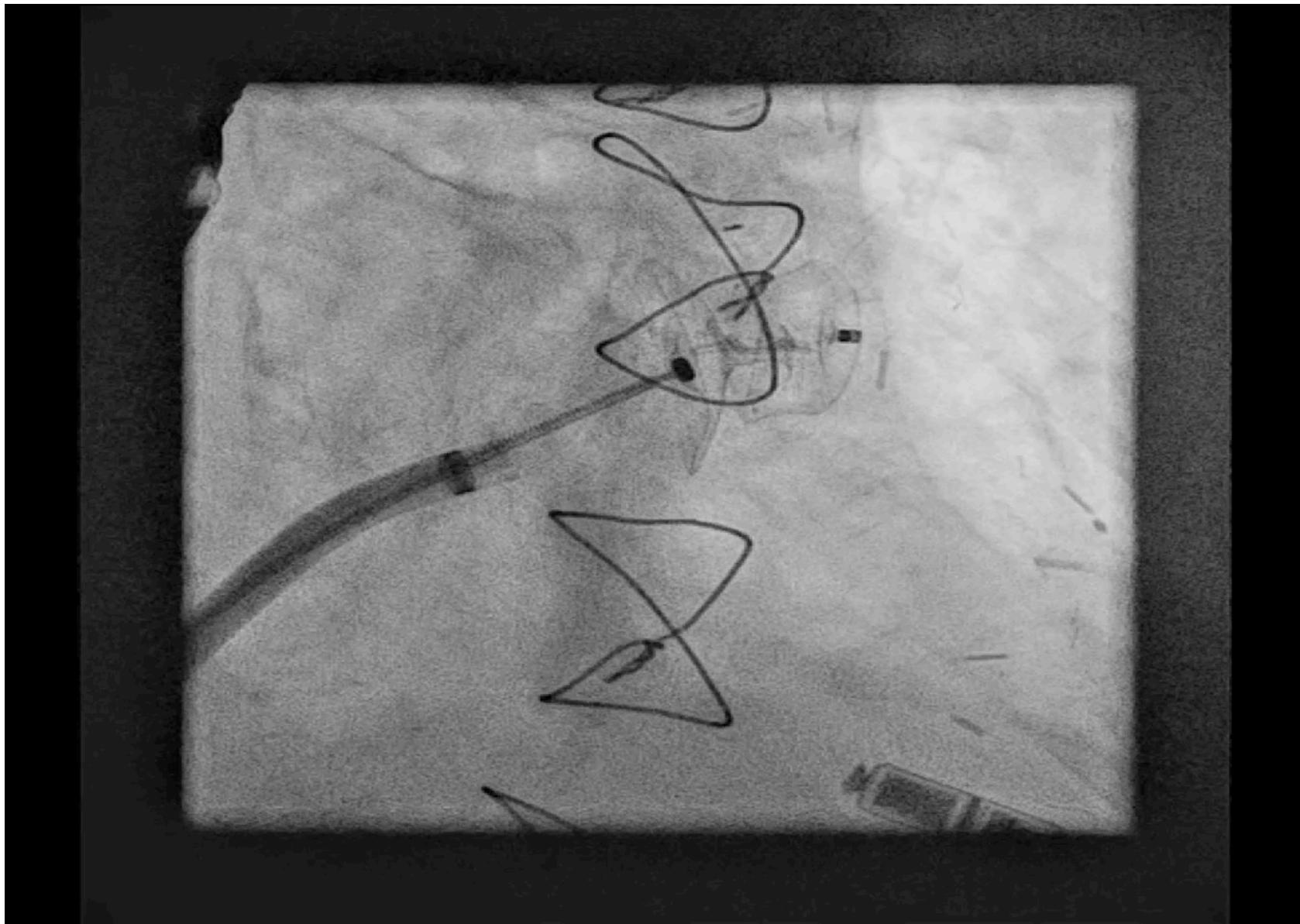
COMBINED INTERVENTIONS

1. Tavi + Mitra-Clip
2. Mitra + LAA closure
Micra + LAA closure
TAVI + LAA closure
Mitra + Micra + LAA closure

TAVI + Mitra-Clip



Combined Procedure: LAA closure + Micra implant



FUTURO



Future developments – global technical improvement

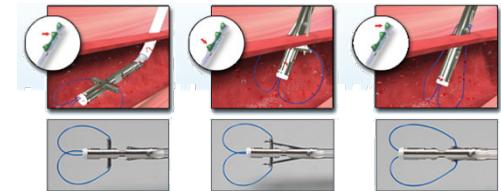
Progress in Innovation

Procedural Solutions: Skin to SkiTn

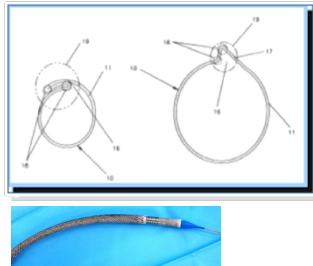
Dedicated Guidewire for
Simpler, Safer, More Controlled
Procedure



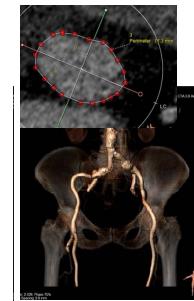
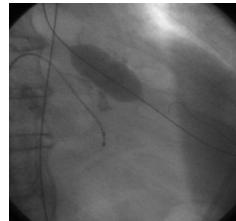
Large Bore Closure to Reduce
Vascular Complications



Expandable
Sheath to reduce
vascular
complications



Valvuloplasty
Balloon to
Prepare Landing
Zone; Reduce
PVL



Advanced
Imaging to Aid
Valve
Positioning
and Sizing

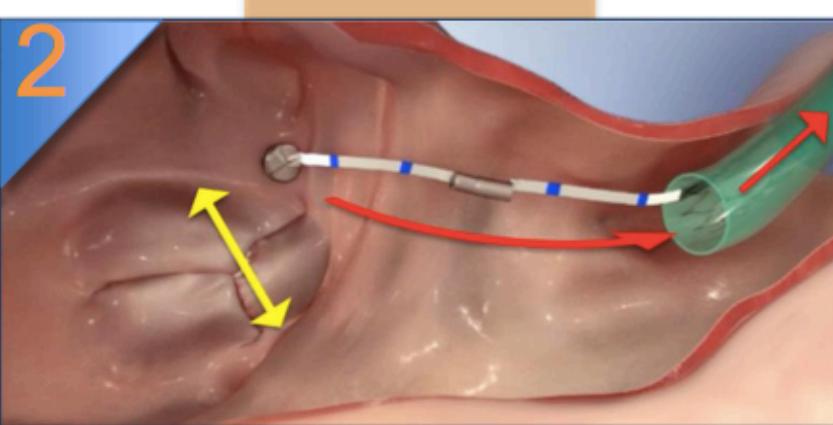


Embolectic
Protection
 CARDIOCENTROTICINO

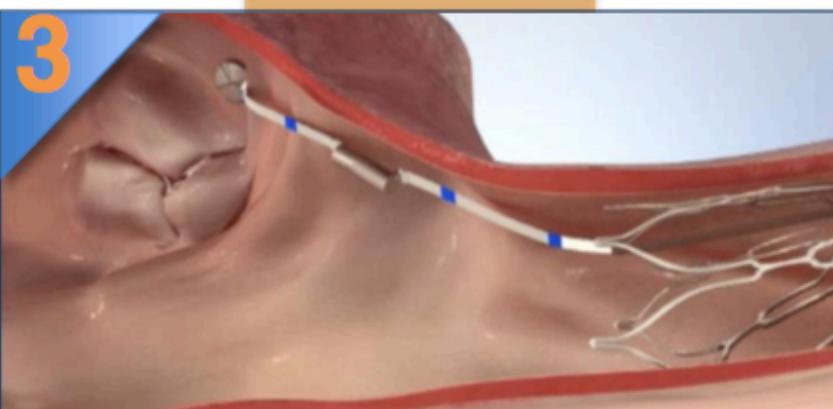
TriCinch: implant technique



Access via the inferior vena cava (IVC), and implant the anchor proximal to the APC location



Apply tension to the TV annulus in the direction of the IVC



Deploy a Stent in the IVC to maintain the tension

«La filosofia del Cardiocentro
deve rimanere un mix tra
tecnologia e umanità»



Buon congresso