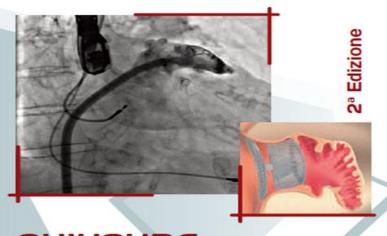
RUOLO DELL'ECO TRANSESOFAGEO PRE- DURANTE E POST-IMPIANTO





CHIUSURA
PERCUTANEA
DELL' AURICOLA
SINISTRA: dalle linee
guida alla pratica clinica

MΔRTEDI 8 MΔGGIO 2018 Ospedale San Giovanni Bosco Torino Dott.sa M.Anselmino Ospedale «G.Bosco»

RUOLO DELL'ECO TEE

1) VALUTAZIONE PRELIMINARE LAA

- Presenza di trombosi-> controindicazioni
- Morfologia e dimensioni-> eleggibilità, scelta della taglia del dispositivo

2) MONITORAGGIO DELLA PROCEDURA

- puntura transsettale
- Manipolazione dei cateteri
- Posizionamento del dispositivo
- Criteri di rilascio
- valutazione post-rilascio
- Diagnostica delle complicanze

3) FOLLOW-UP

- Valutazione del risultato-> gestione della terapia antitrombotica

RUOLO DELL'ECOCARDIOGRAFIA VALUTAZIONE PRELIMINARE LAA

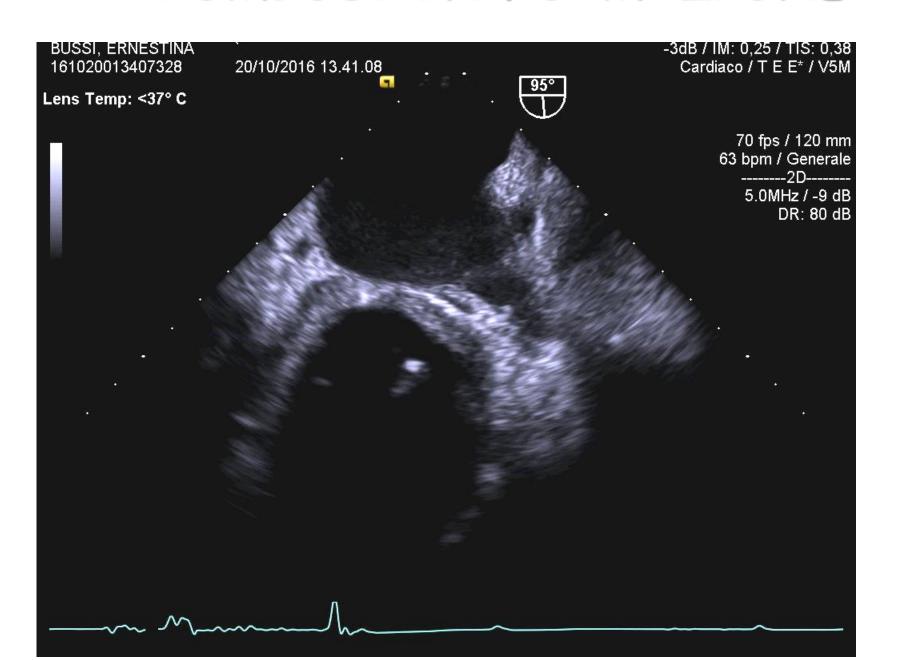
- 1) ESCLUSIONE TROMBOSI

- 2) MORFOLOGIA AURICOLA

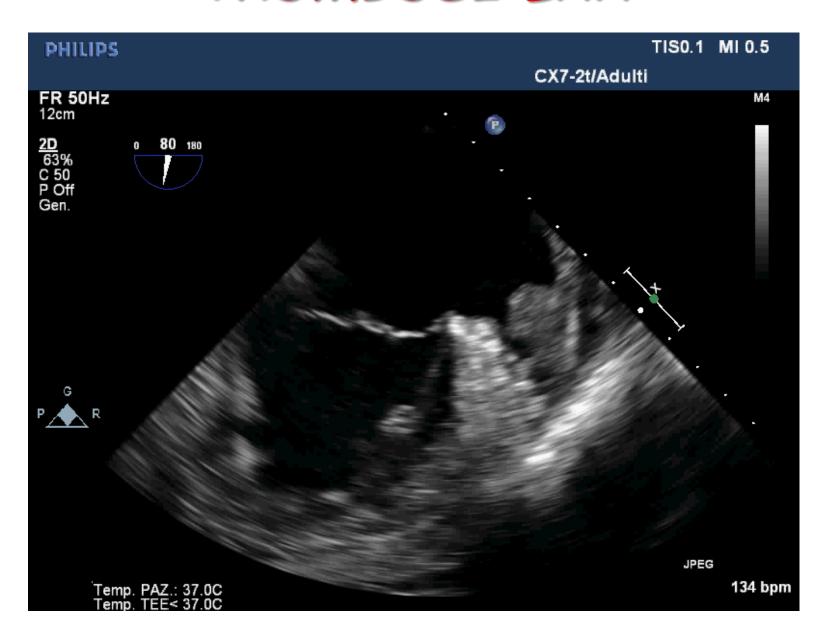
ALGORITMO PROCEDURALE TROMBOSI LAA

SI NO controindicazione MORFOLOGIA attuale a chiusura E DIMENSIONI 11-31 <11mm o >31mm TEE rivalutazione a 2 mesi in TAO NON fattibile fattibile

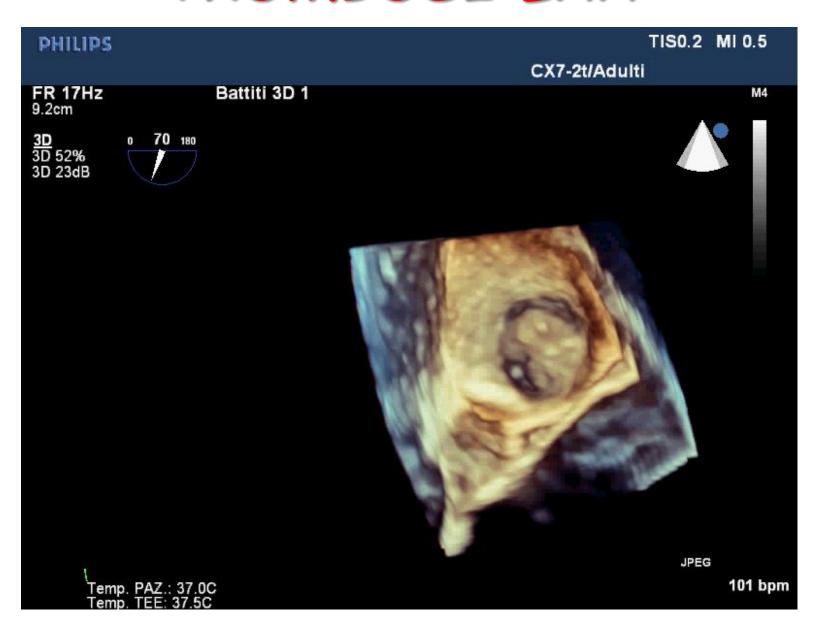
TROMBOSI IN FORMAZIONE



TROMBOSI LAA



TROMBOSI LAA



MORFOLOGIA LAA

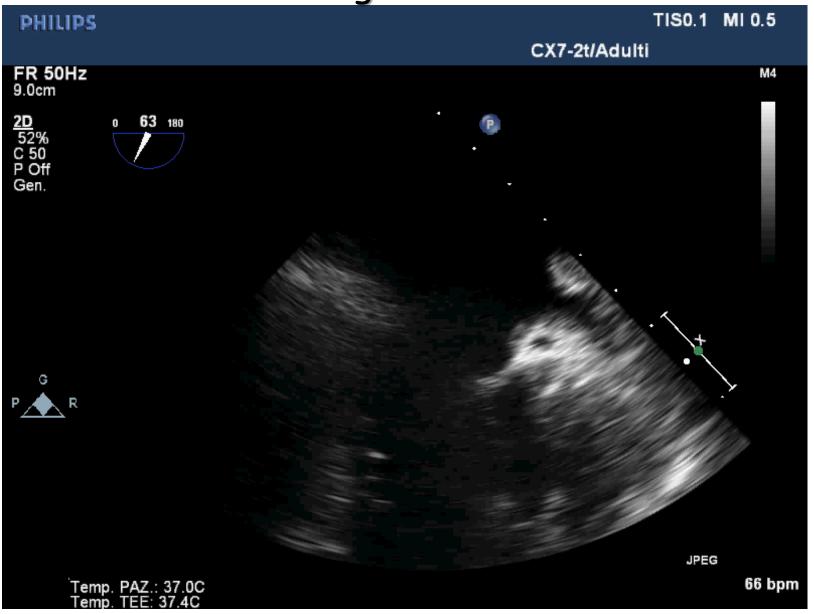
- DIAMETRO E PROFONDITA' MAX
- DIAMETRO IMBOCCO E «LANDING ZONE»
- LUNGHEZZA
- MORFOLOGIA MOLTEPLICE
- LOBO SINGOLO CON ANGOLO > 100°/ < 100°
- LOBO PRINCIPALE + LOBI ACCESSORI > 1 CM
- LOBO PRINCIPALE + LOBI PICCOLI



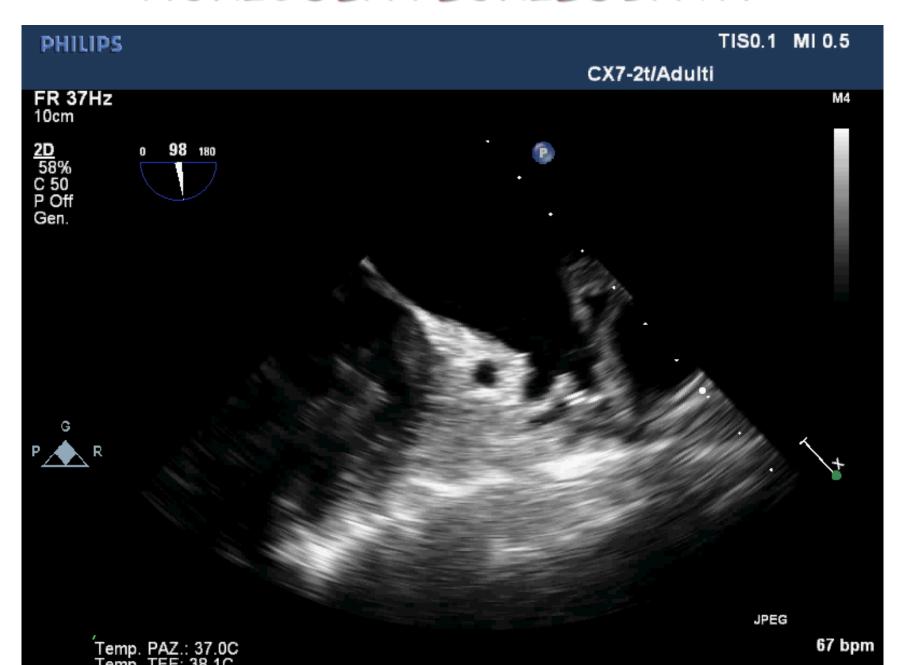
SCELTA DI TIPO E DIMENSIONI DEL DEVICE

VALUTAZIONE PRELIMINARE LAA

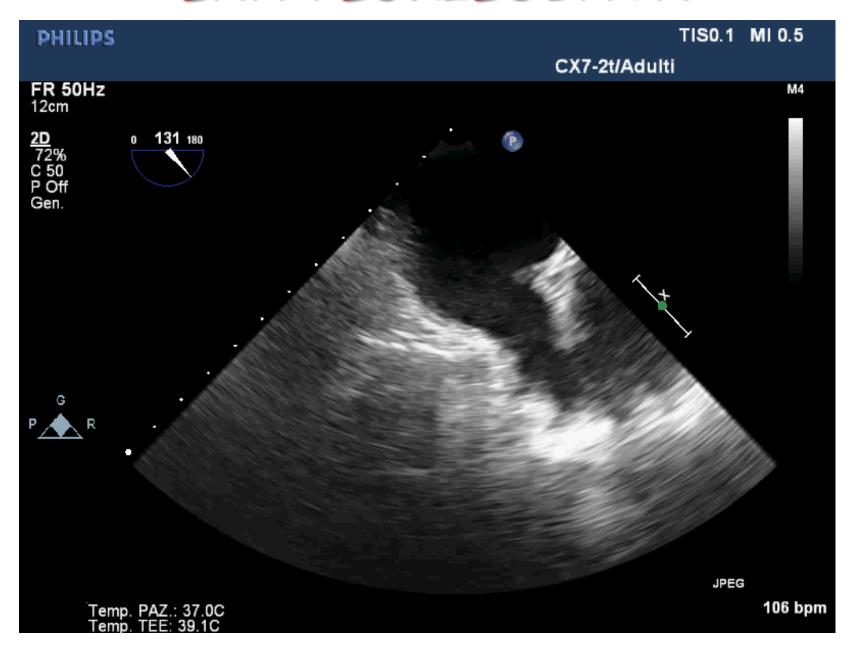
morfologia auricolare



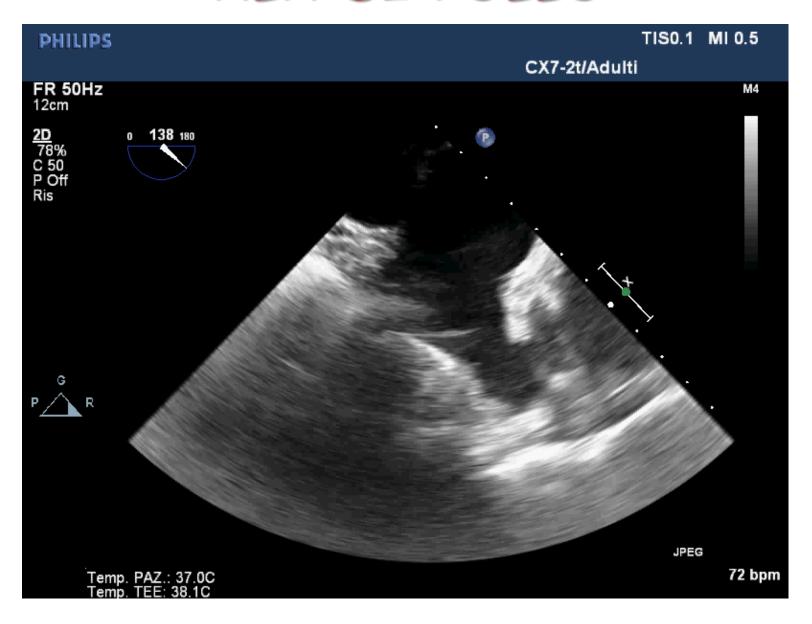
AURICOLA PLURILOBATA



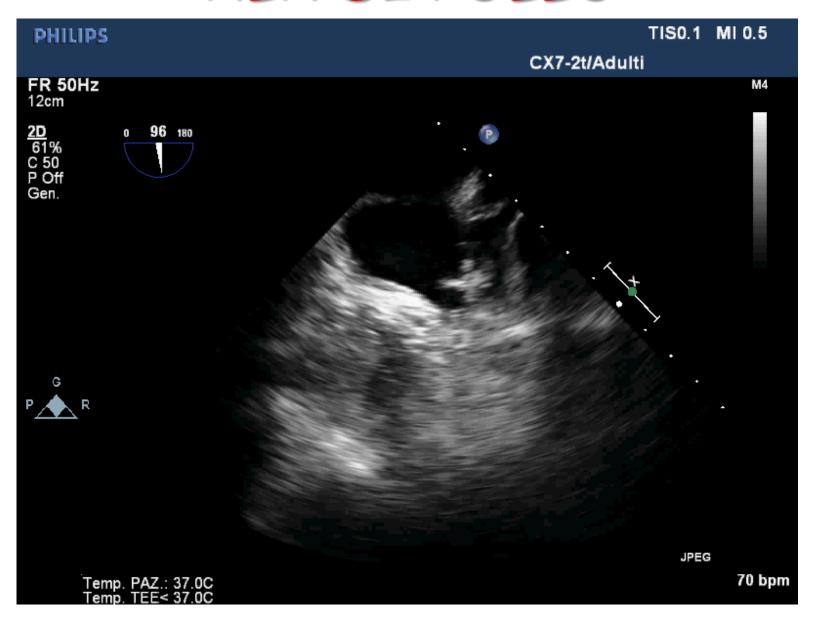
LAA PLURILOBATA



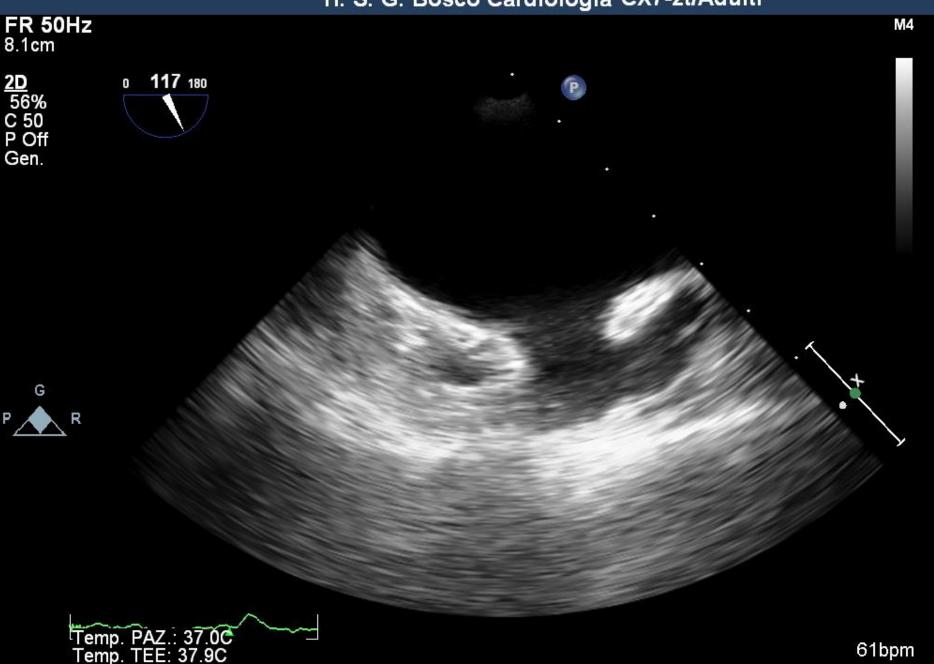
ALA DI POLLO



ALA DI POLLO

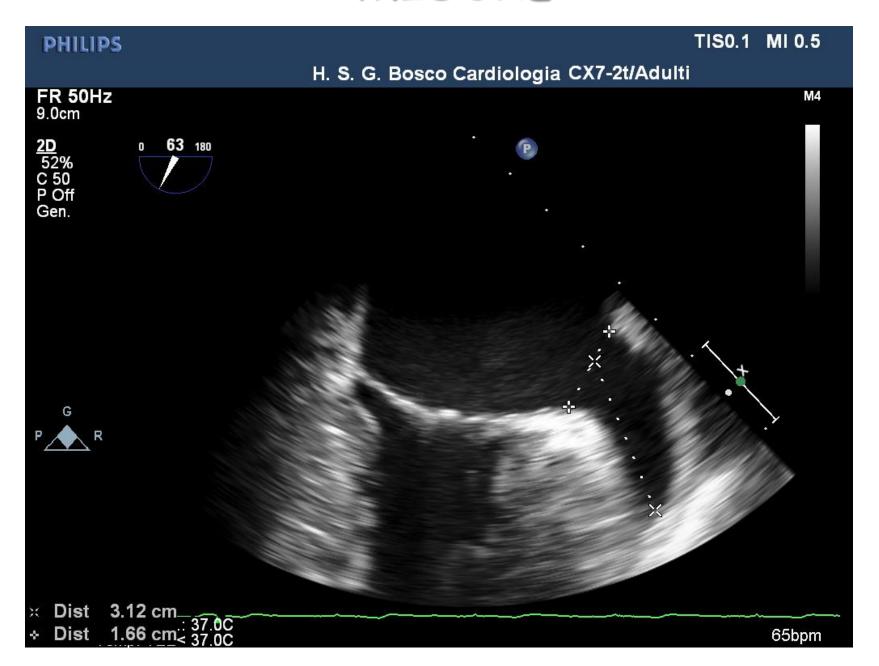


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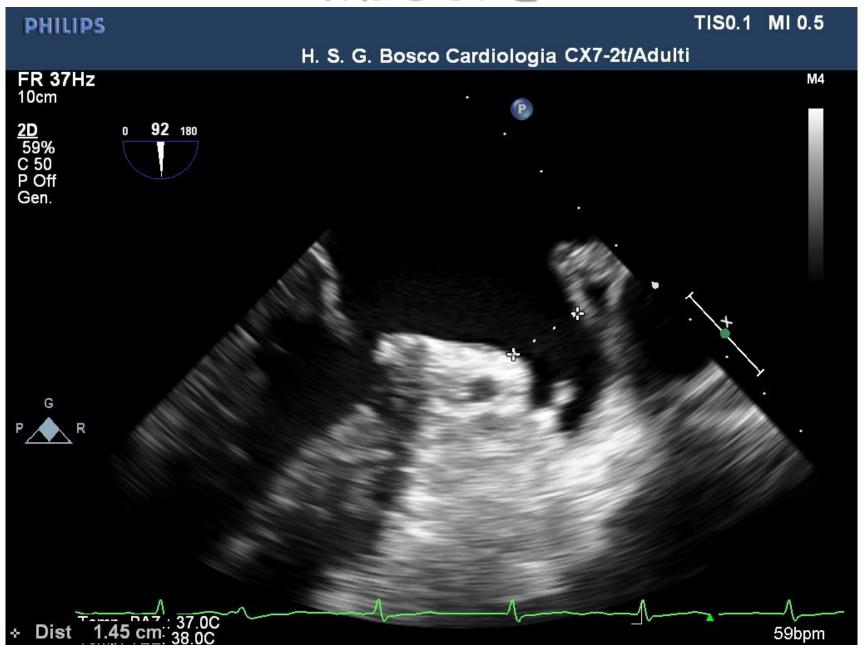


61bpm

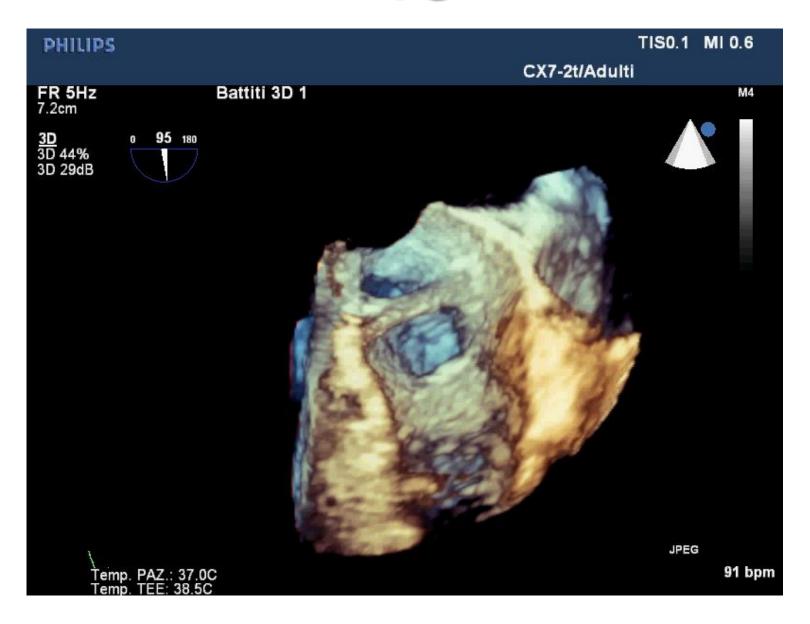
MISURE



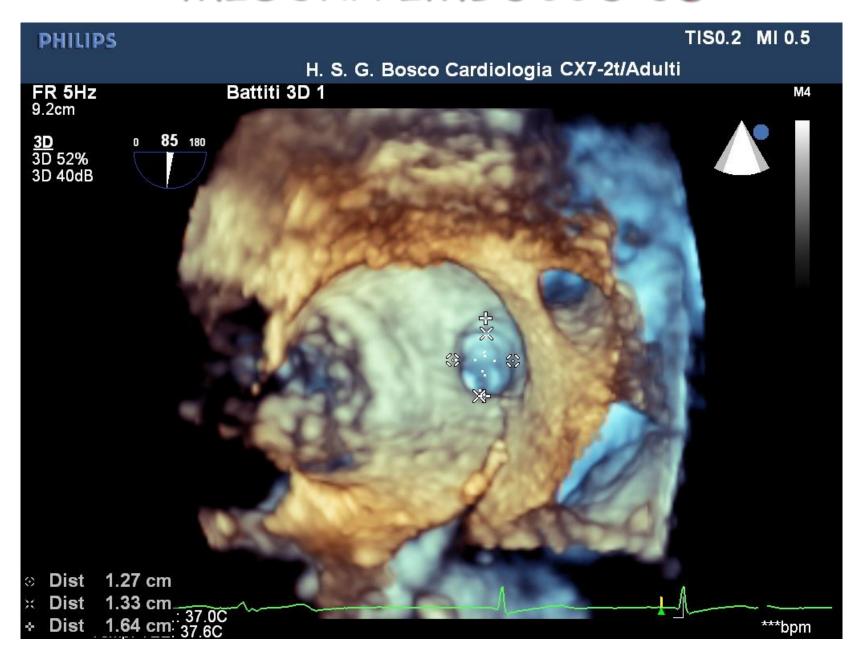
MISURE



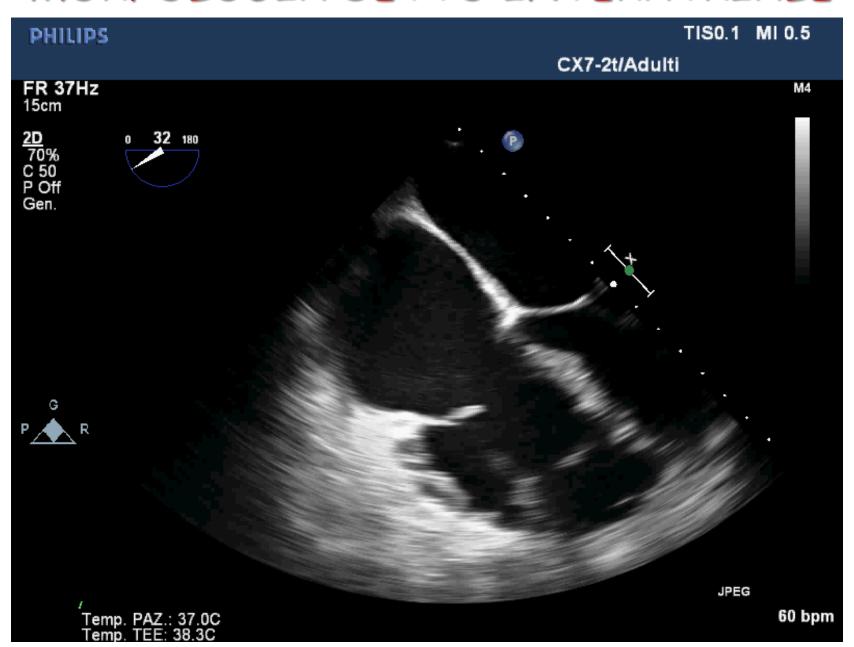
3D

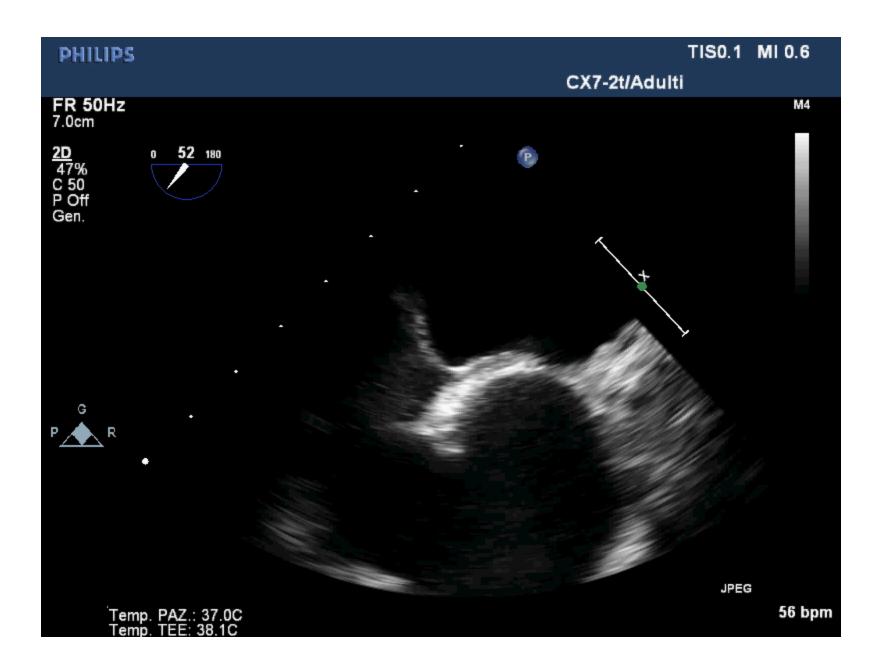


MISURA IMBOCCO 3D

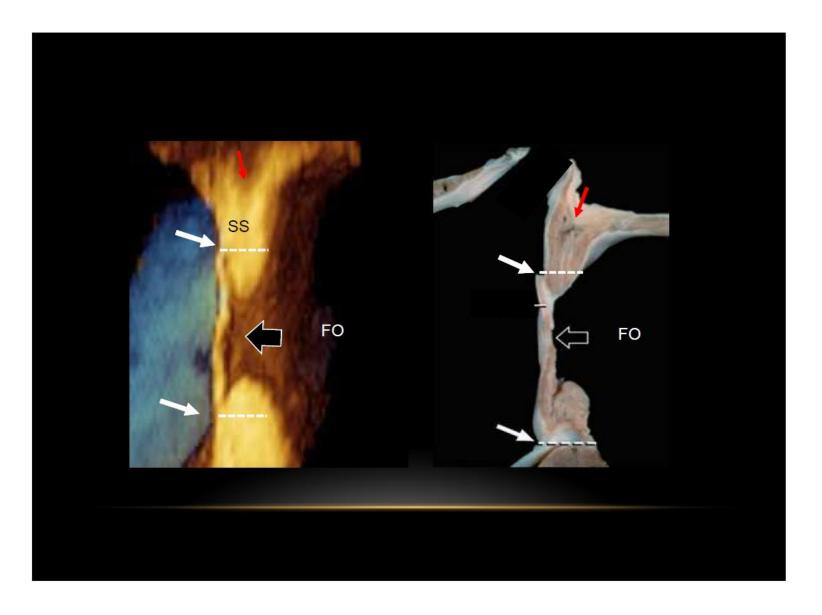


MORFOLOGIA SETTO INTERATRIALE





Vero setto interatriale



IN SALA PRE-PROCEDURA

• DIAMETRO E VELOCITA' VENA POLMONARE SUP SX

VALUTAZIONE MITRALE ED EV.
 RIGURGITO

(per valutare ev. danni post-)

CINETICA PARETE LATERALE E FLUSSO
 CX

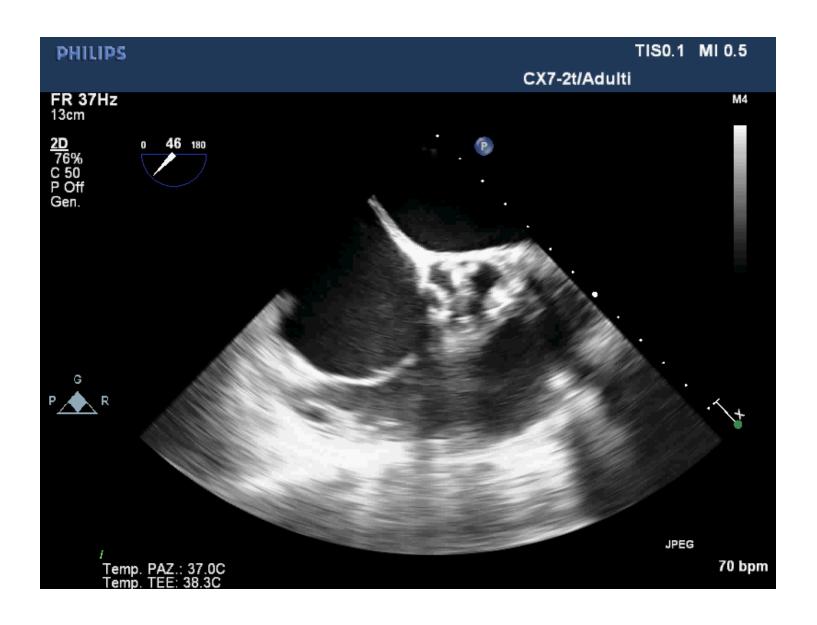
(per valutare ev compressione post-)

DURANTE LA PROCEDURA

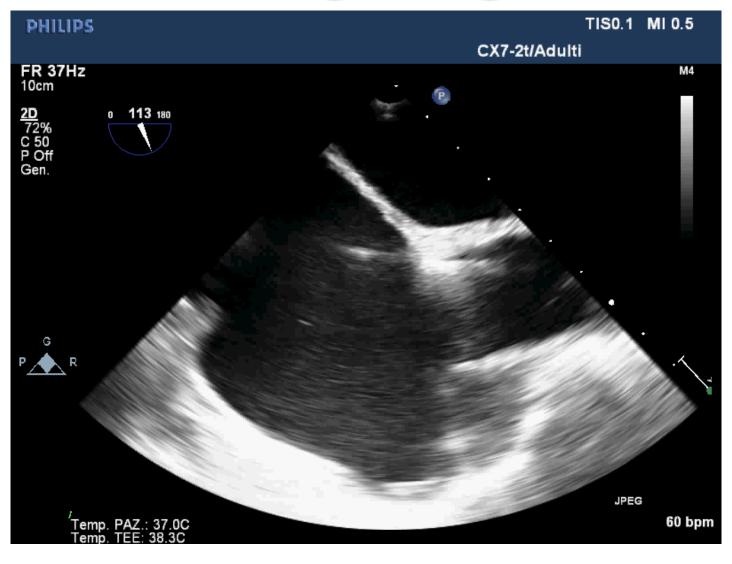
- 1) PUNTURA TRANSETTALE
- 2) GUIDA E CATETERE IN VENA POLMONARE SUP SX

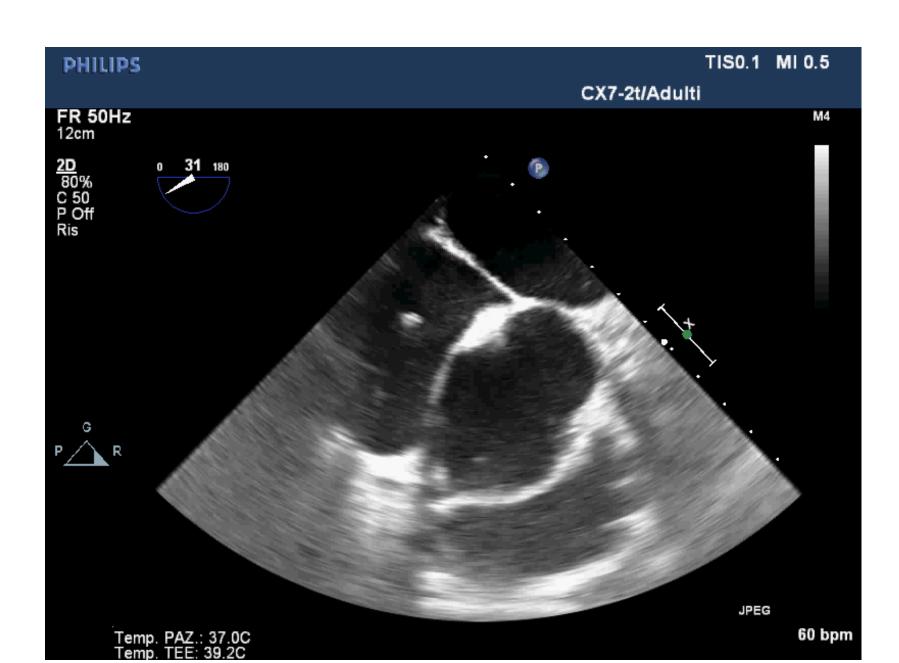
- 3) PIGTAIL IN AURICOLA
- 4) A SCAMBIO CON IL DELIVERY SYSTEM
- 5) POSIZIONAMENTO DEVICE

PROIEZIONE ASSE CORTO

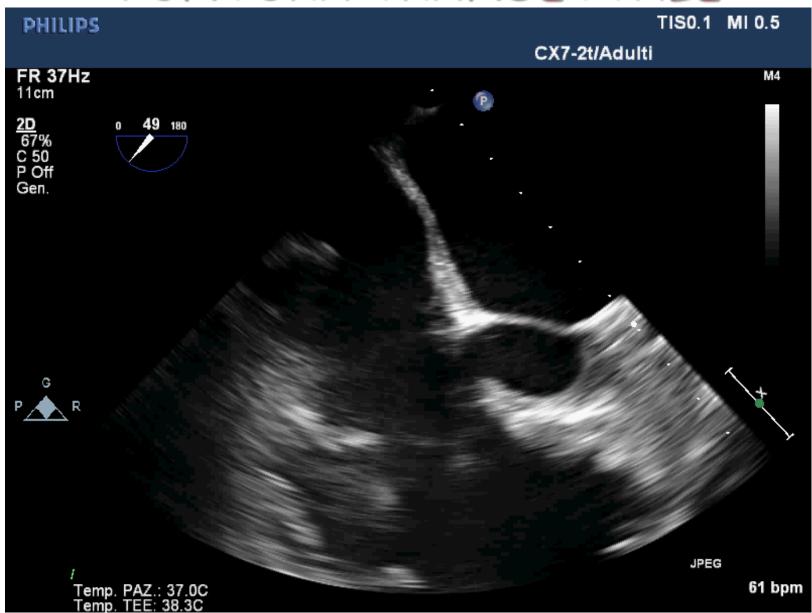


CATETERE IN VENA CAVA SUPERIORE

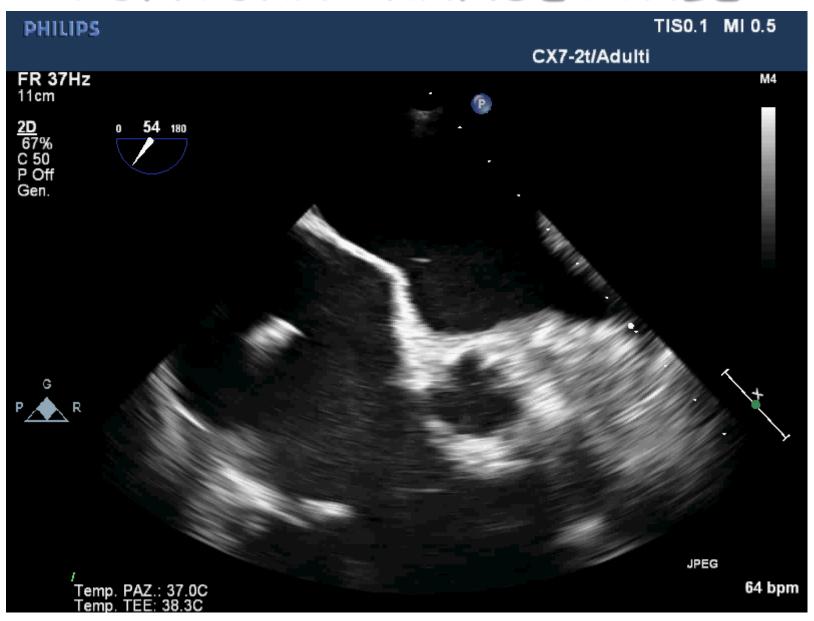




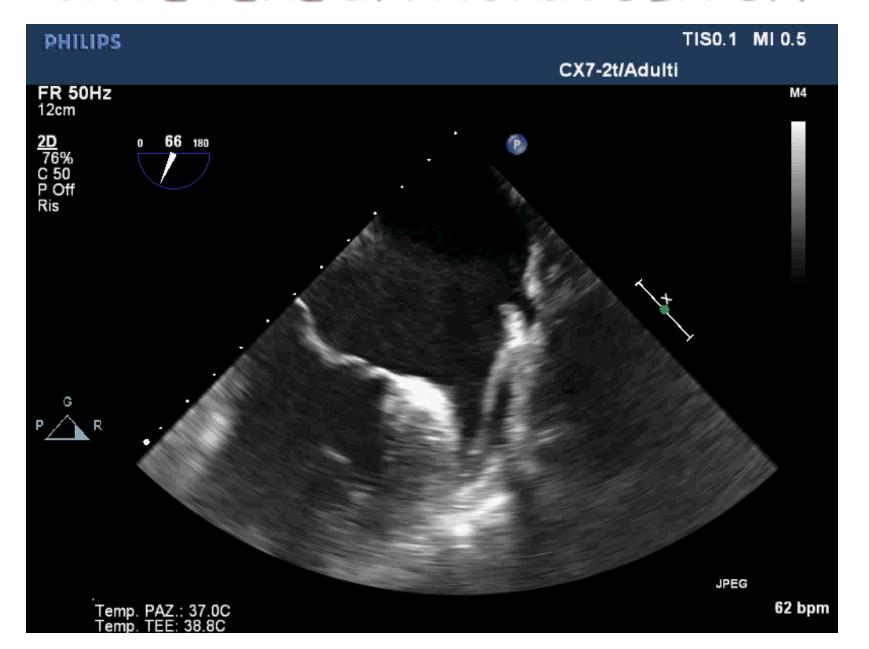
PUNTURA TRANSETTALE



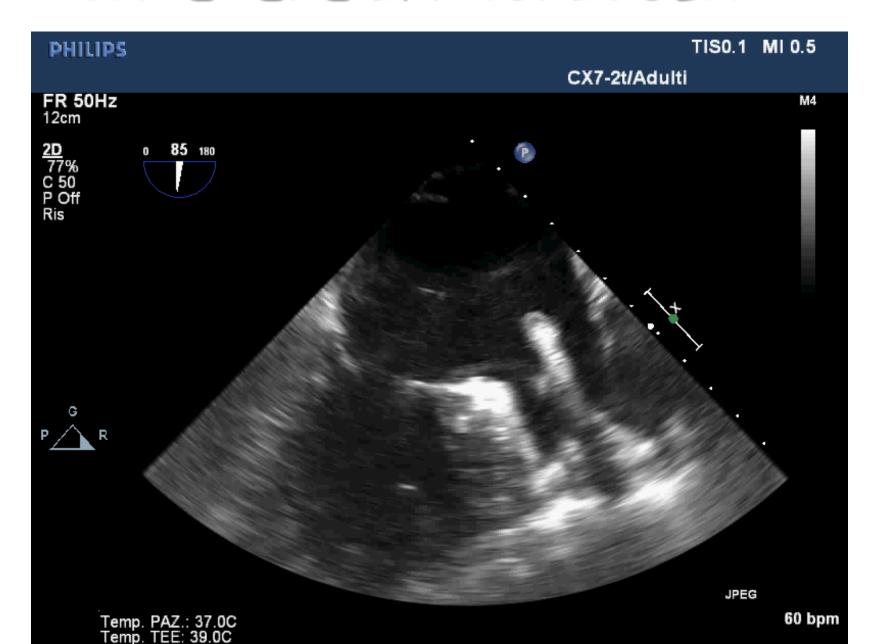
PUNTURA TRANSETTALE



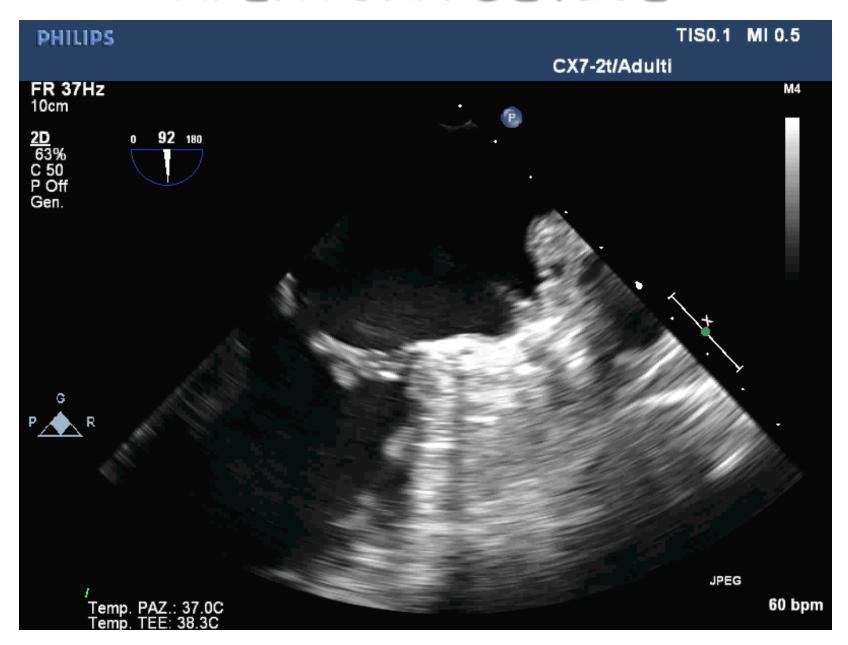
CATETERE IN AURICOLA SX

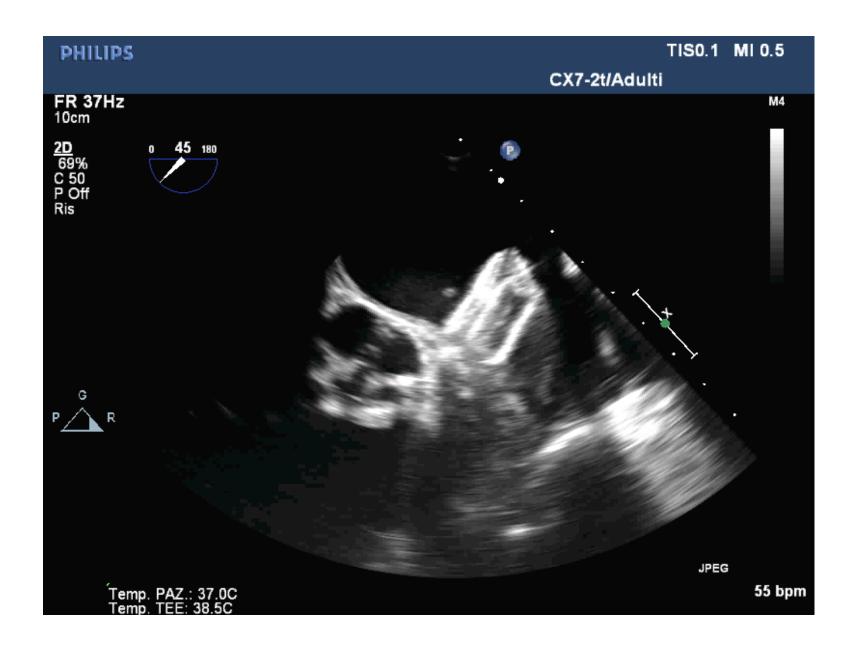


CATETERE IN AURICOLA 2

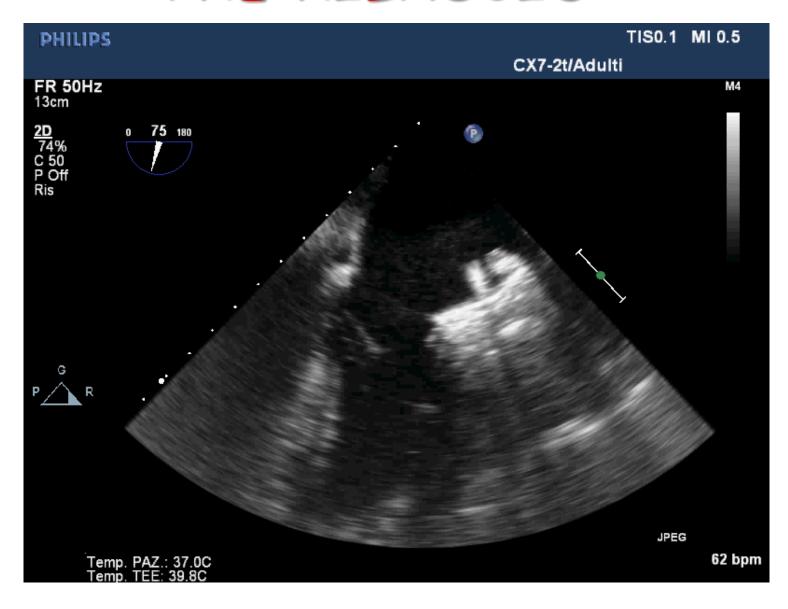


APERTURA DEVICE





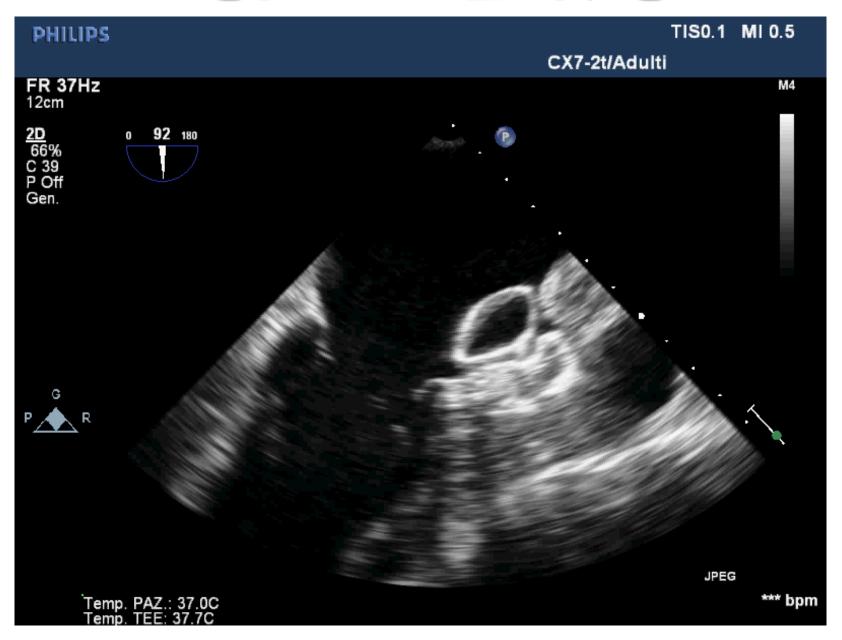
PRE-RILASCIO

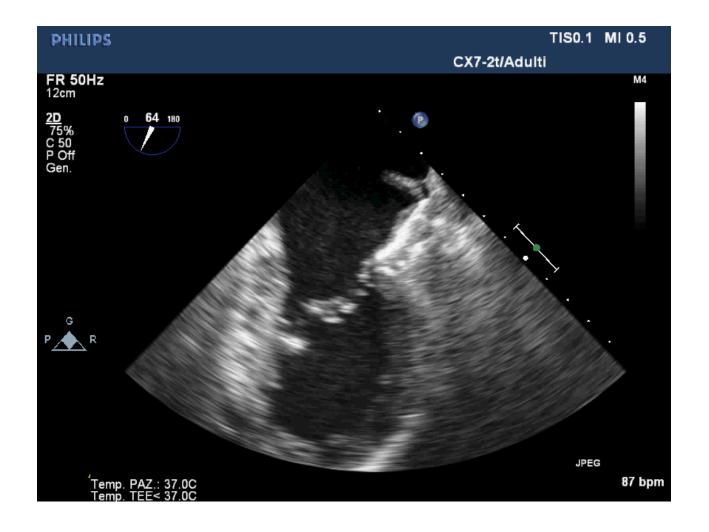


CRITERI DI RILASCIO POSIZIONAMENTO

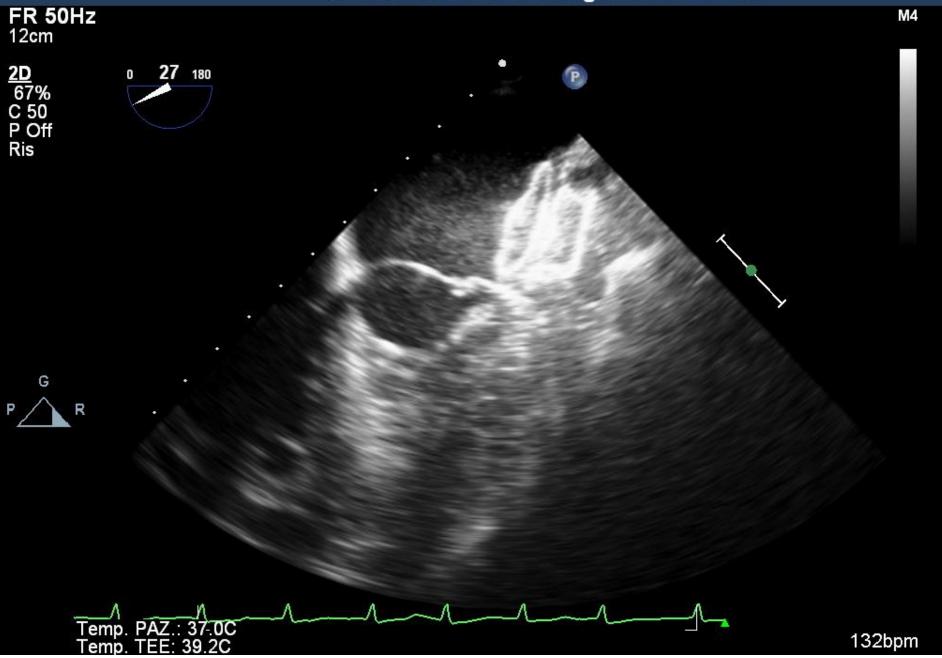
- stabilita' (test di trazione)
- compressione (misure)
- assenza di shunts (color doppler)
- assenza di interferenza con i lembi mitralici

TEST TRAZIONE

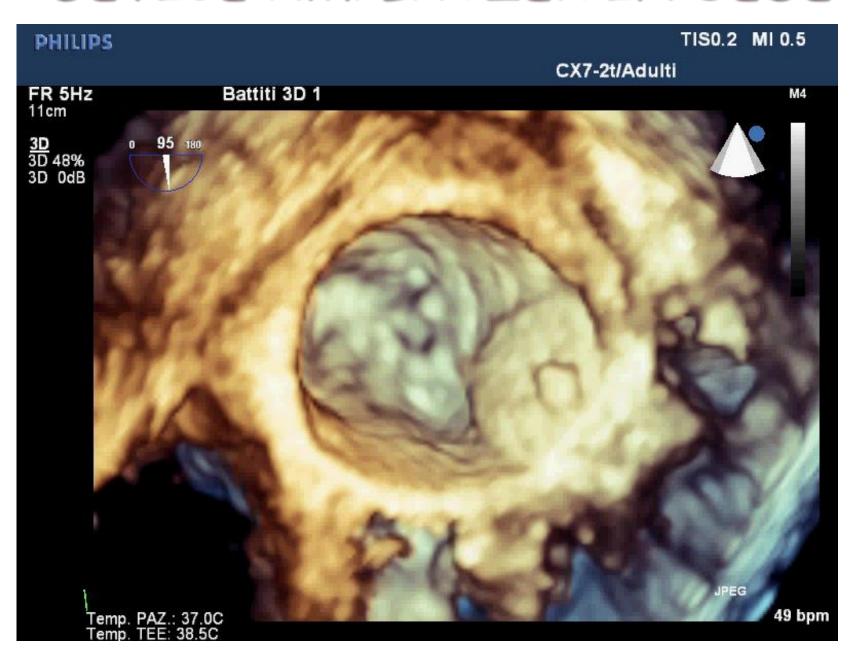




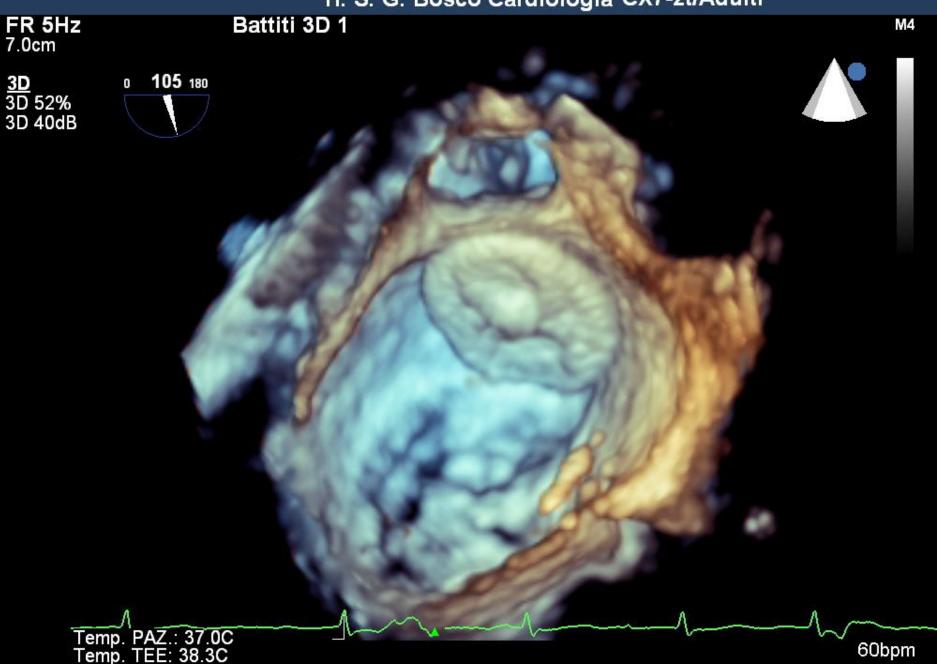
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DEVICE AMPLATZER IN SEDE



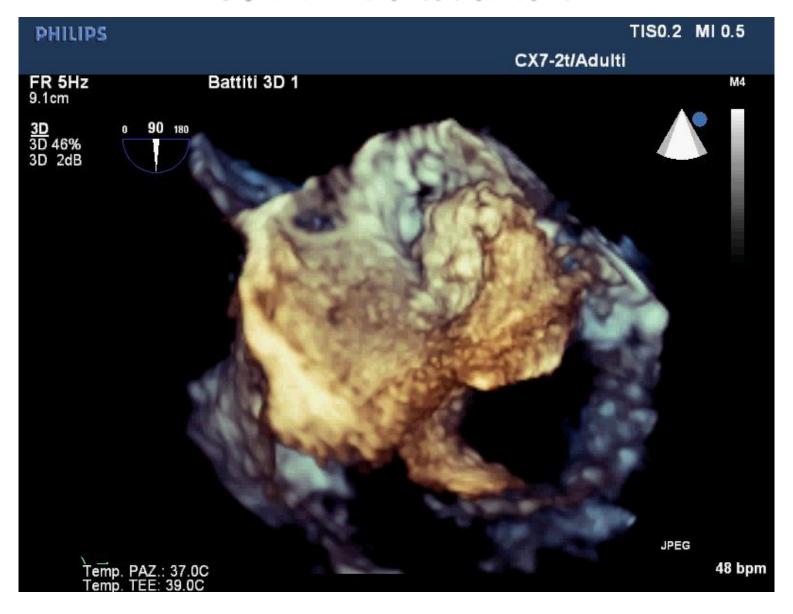
H. S. G. Bosco Cardiologia CX7-2t/Adulti



DEVICE WATCHMAN



WATCHMAN

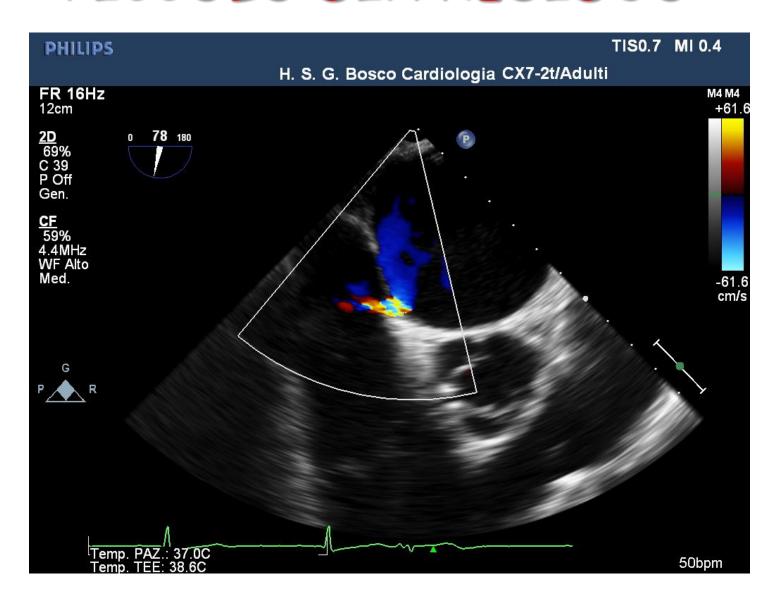


FOLLOW-UP

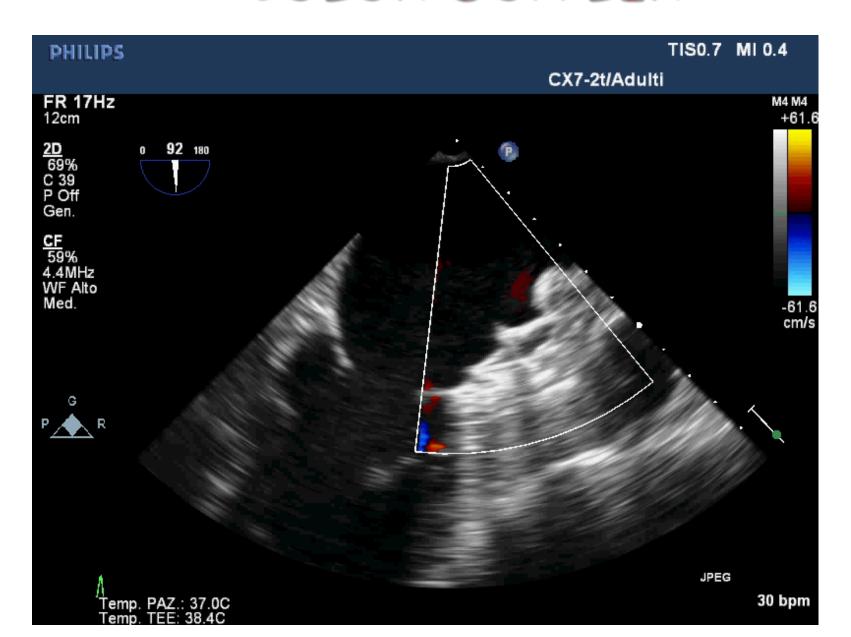
CONTROLLO LEAKS RESIDUI

- CONTROLLO EV. COMPLICANZE
 - DISLOCAZONI
 - TROMBOSI SU DEVICE...

PICCOLO DIA RESIDUO



COLOR-DOPPLER



GRAZIE PER L'ATTENZIONE!

