



La nostra esperienza

MitraClip

05.2016 – 12.2016

10 valvuloplastiche MitraClip (7 IMi funzionale, 3 IMi degenerative)

Età media: 76±11 anni

Valutazione: ETT, ETE, coronarografia

Numero clip: 2 (7 pts), 3 (1 pts), 1 (2 pts)

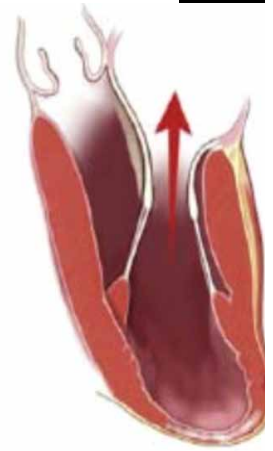
Terapia intensiva: 24 ore (extubare 6h)

Dimissione: 2 giorni postprocedurale (domicilio)

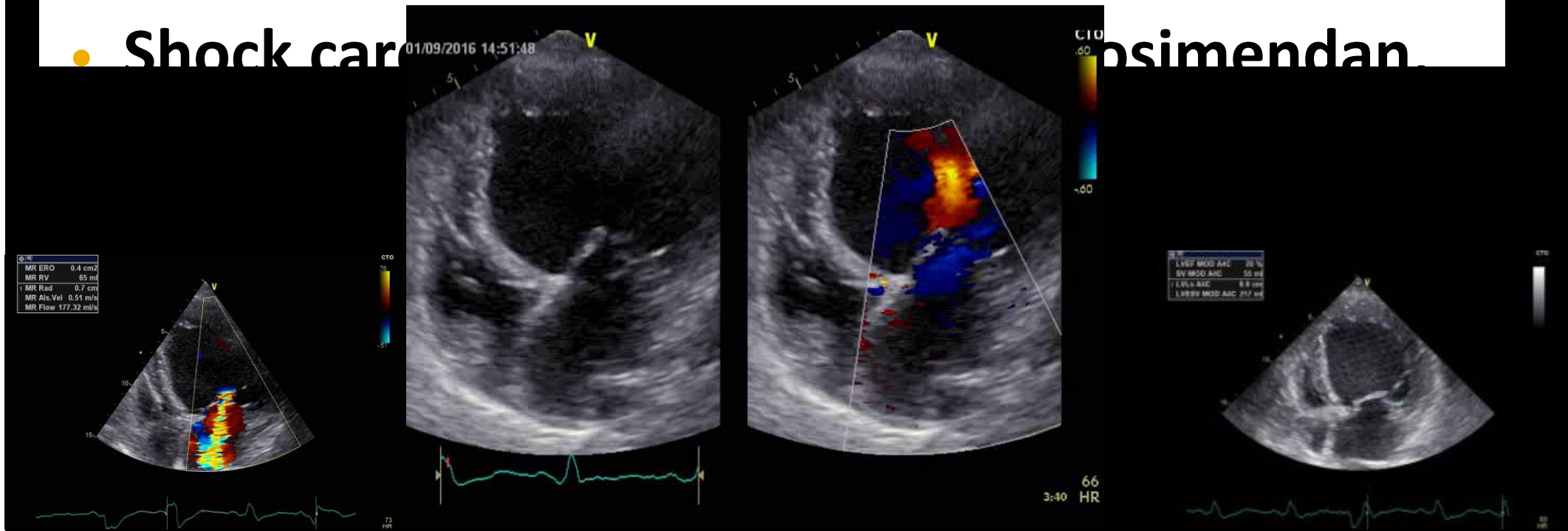
Nessuna complicanza intra/periprocedurale

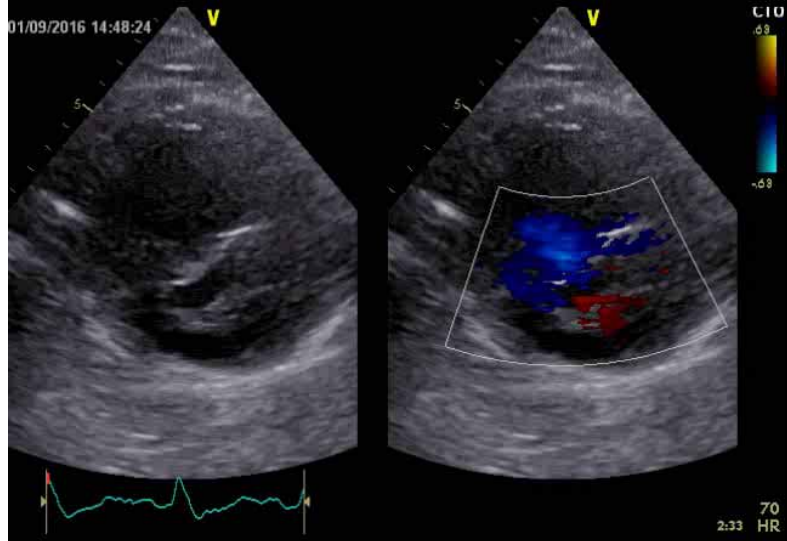
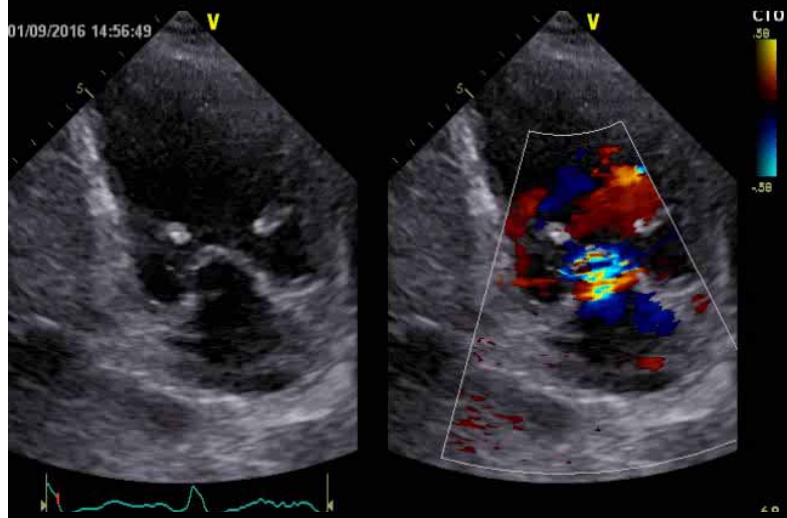
F, 83 anni

- **1980: IMA laterale → FEVS 35% → ICD**
- **2015: hemicolectomia dr (adenok) → EPA, II severa**
- **2016: STEMI inferiore (occlusione IVP hipoplasico)**

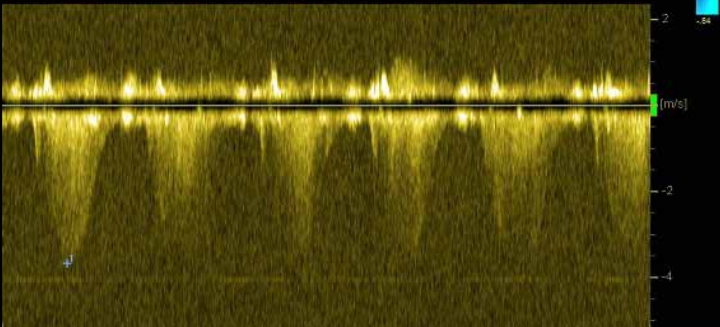


- **Shock cardiogenico**

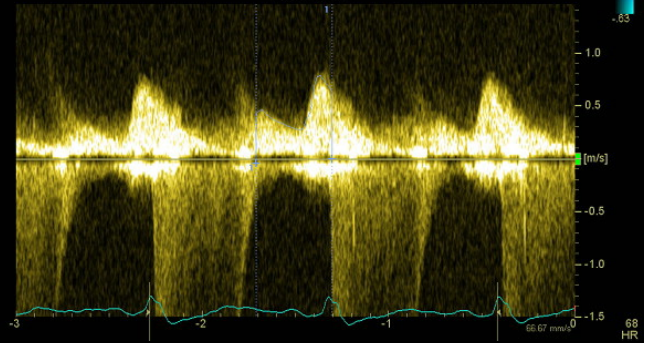
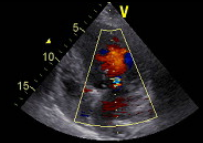




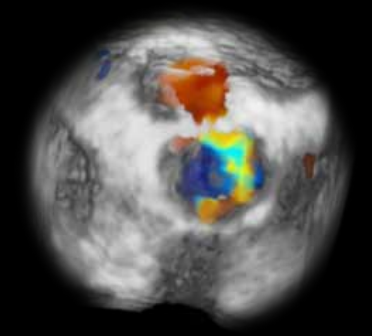
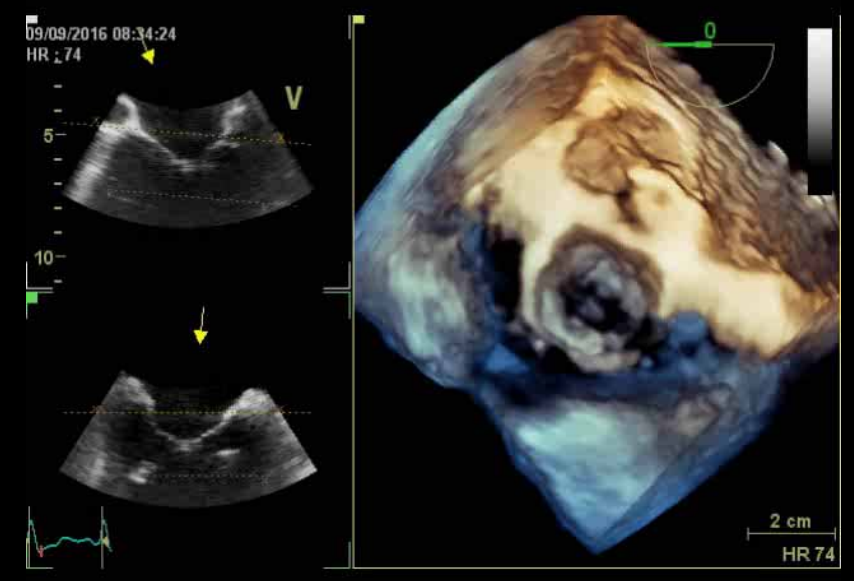
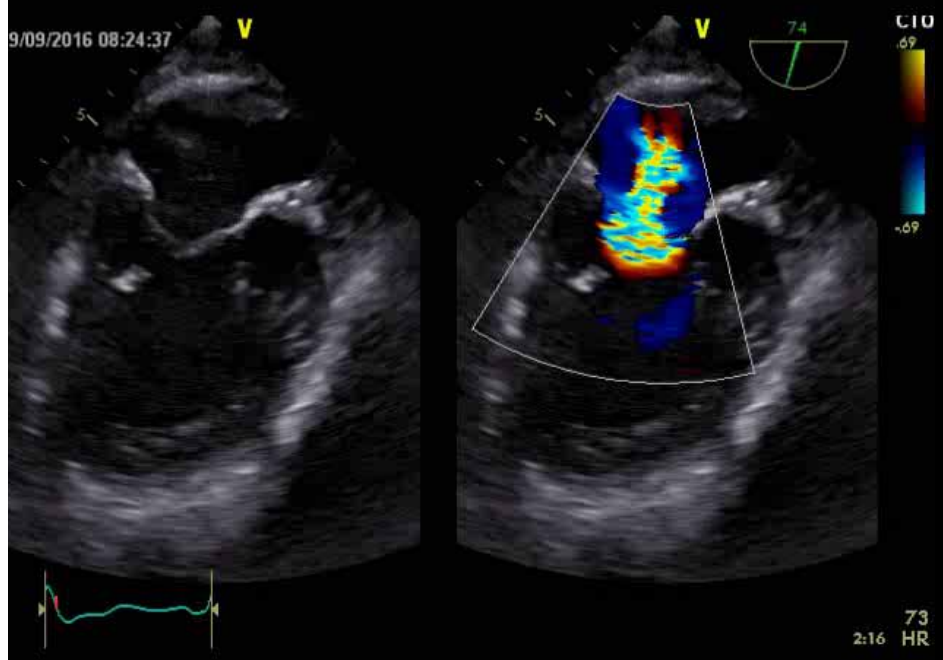
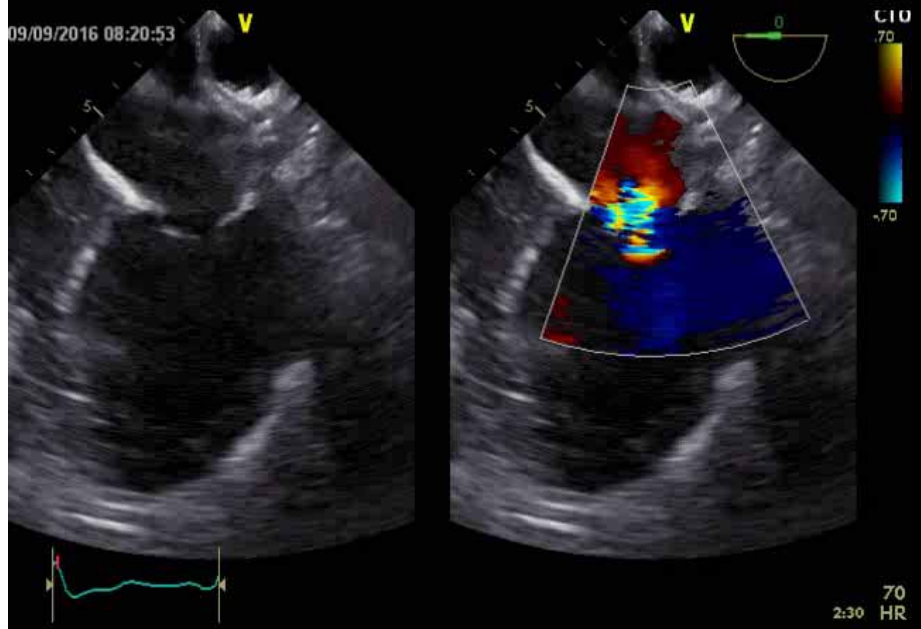
TR Vmax 3.69 m/s
TR maxPG 54.34 mmHg

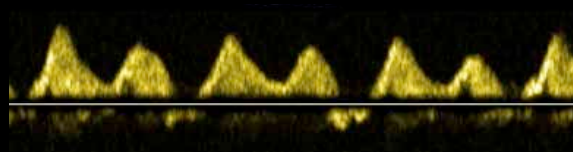
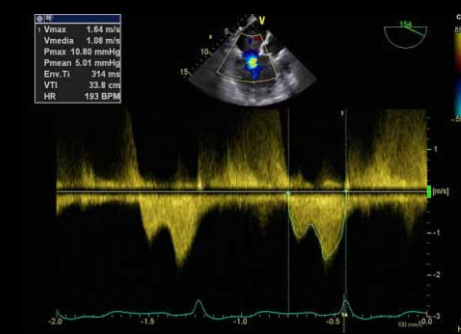
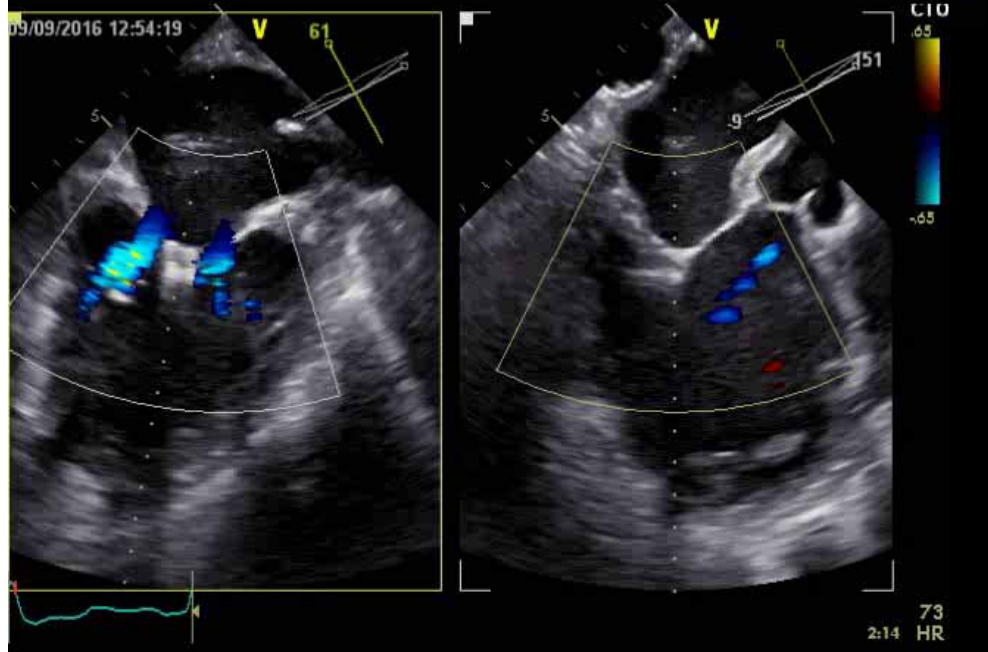
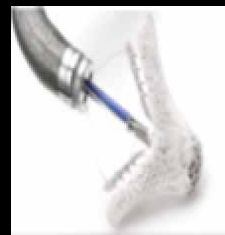
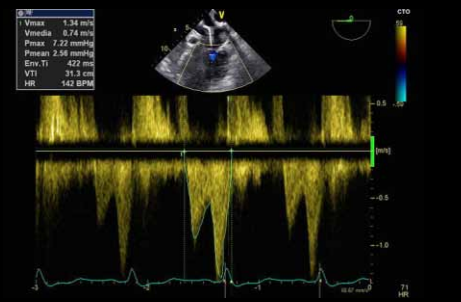
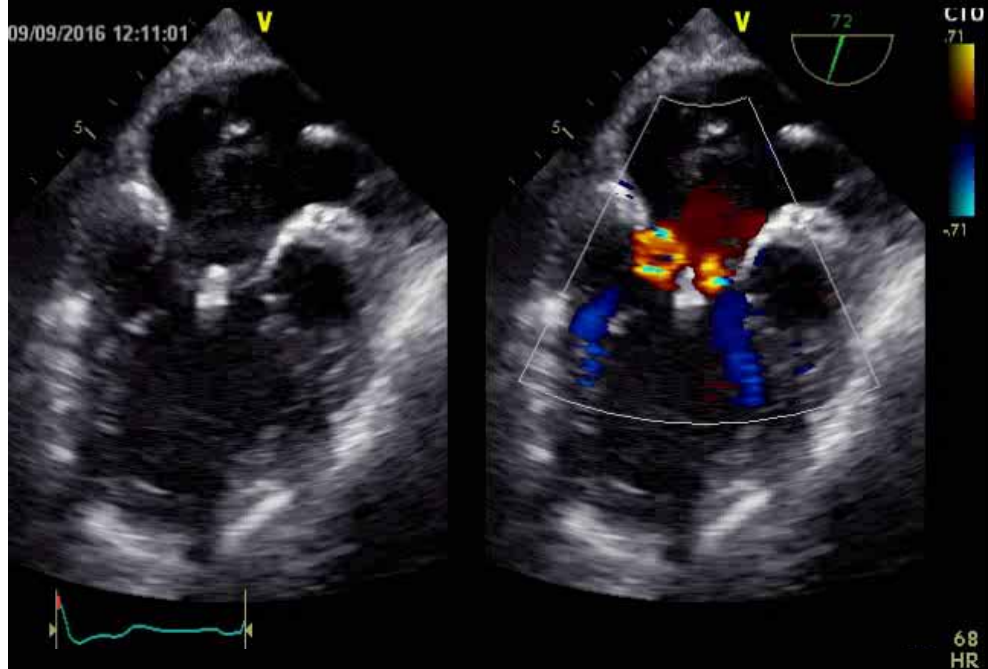


MV Vmax 0.79 m/s
MV Vmean 0.46 m/s
MV maxPG 2.50 mmHg
MV meanPG 0.95 mmHg
MV VTI 18.7 cm
HR 147 BPM

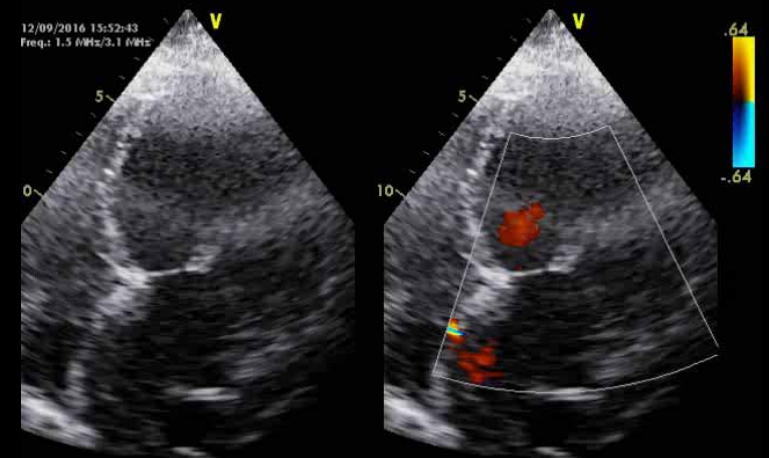
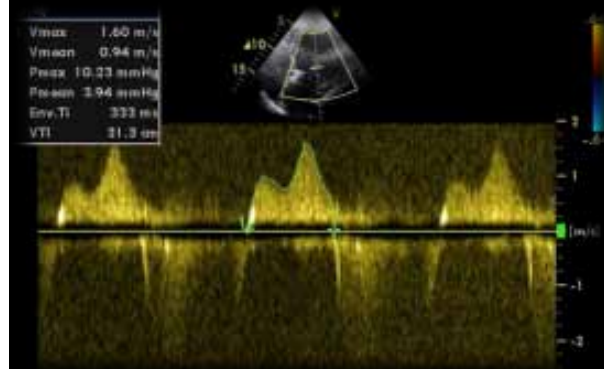
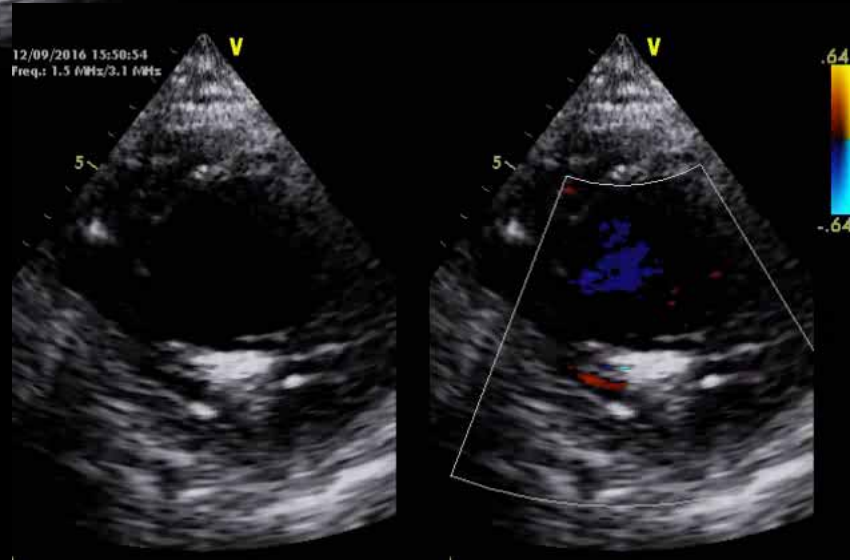
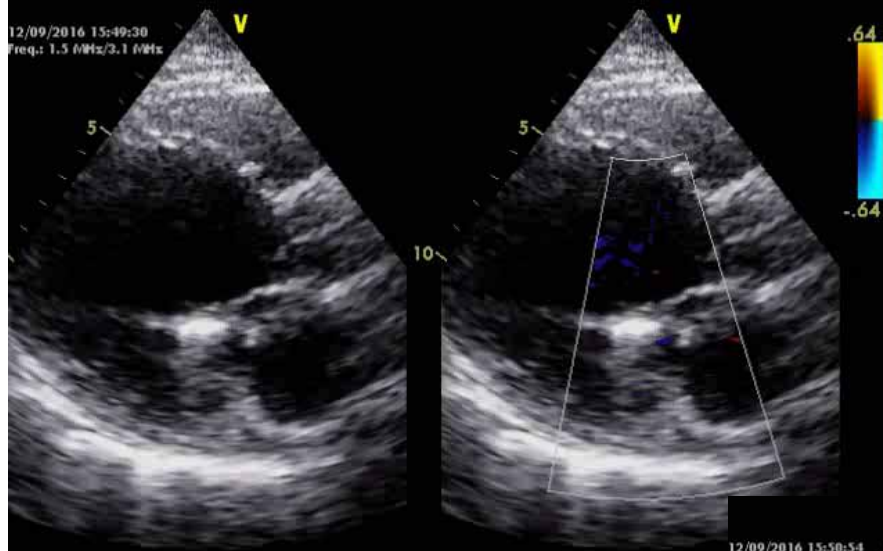


EuroSCORE II
13.5%
STS 16%



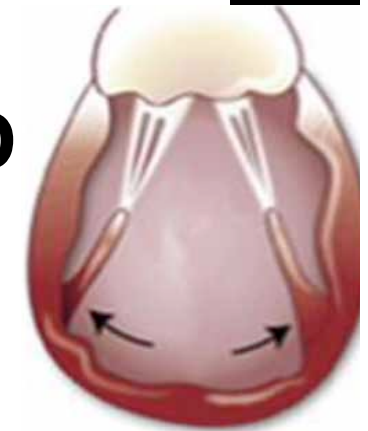


Post MitraClip



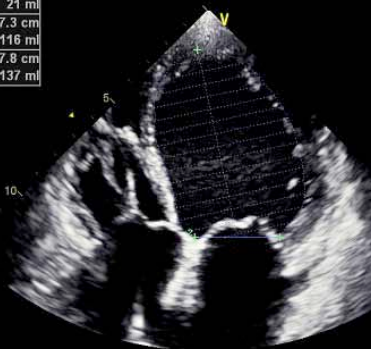
F, 66 anni

- 2008: CMD FEVS 20%, coro indenni → ICD
- 2014: EPA, IM severa, FEVS 15%

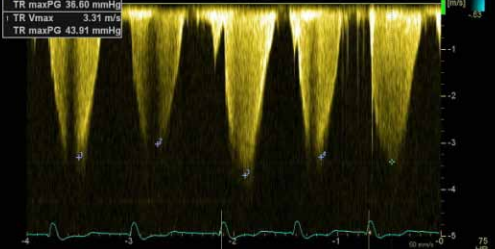
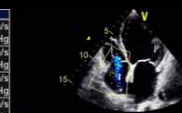


2016: IC NYHA IV, scompenso cardiaco

LVEF MOD A4C	15 %
SV MOD A4C	21 ml
LVLs A4C	7.3 cm
LVESV MOD A4C	116 ml
LVLd A4C	7.8 cm
LVEDV MOD A4C	137 ml



V	3.41 m/s
p	48.40 mmHg
1 TR Vmax	3.30 m/s
TR maxPG	43.63 mmHg
2 TR Vmax	3.69 m/s
TR maxPG	54.58 mmHg
3 TR Vmax	3.02 m/s
TR maxPG	38.00 mmHg
4 TR Vmax	3.21 m/s
TR maxPG	43.91 mmHg

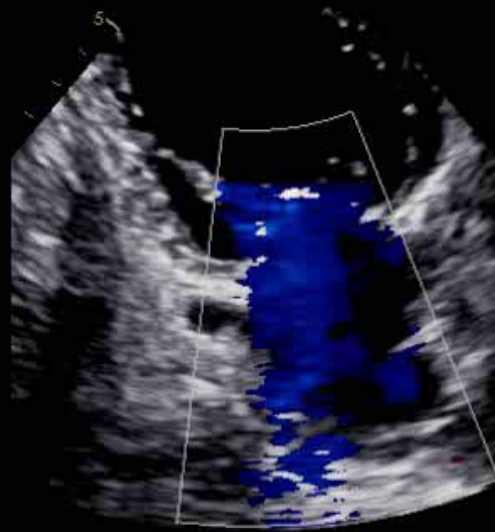


23/05/2016 12:51:38

V



V



C10
0.69
-0.69

73
3:46 HR

23/05/2016 13:04:03

V



V



C10
0.69
-0.69

EuroSCORE II



6.00 %

RISK SCORES

[About the STS Risk Calculator](#)

Procedure: MV Repair

Risk of Mortality: 2.099%

Morbidity or Mortality:
27.092%

Long Length of Stay: 14.835%

Short Length of Stay: 18.774%

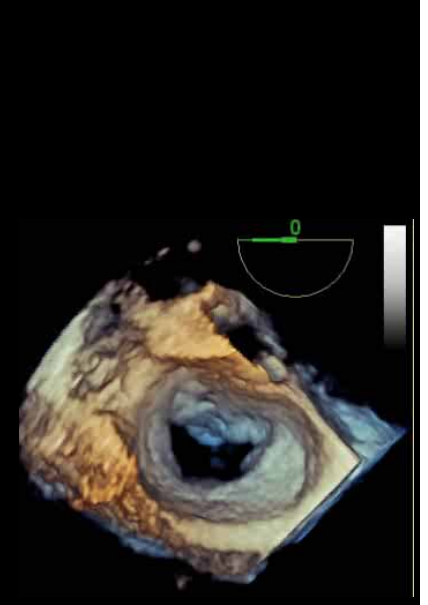
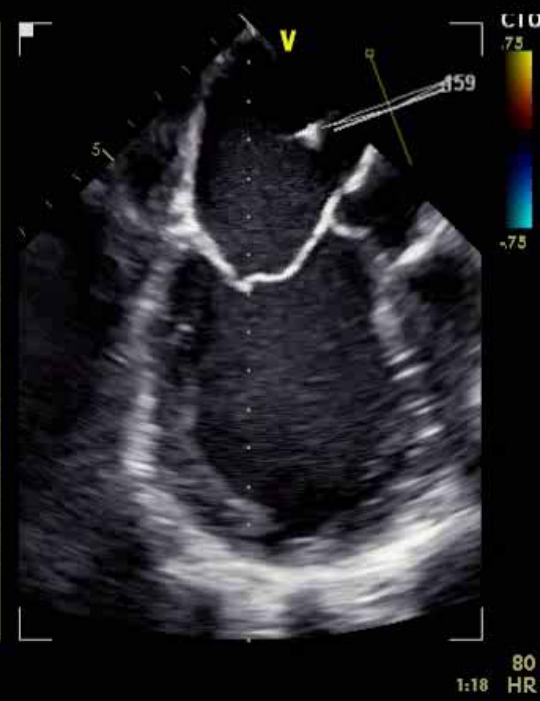
Permanent Stroke: 1.847%

Prolonged Ventilation:
17.582%

DSW Infection: 0.152%

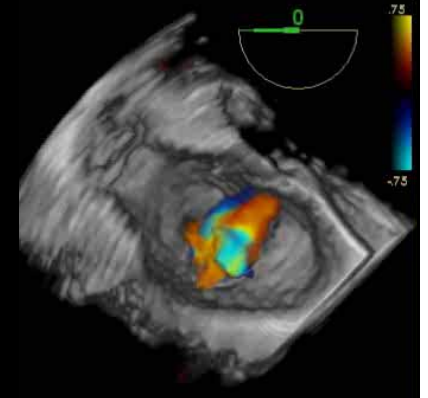
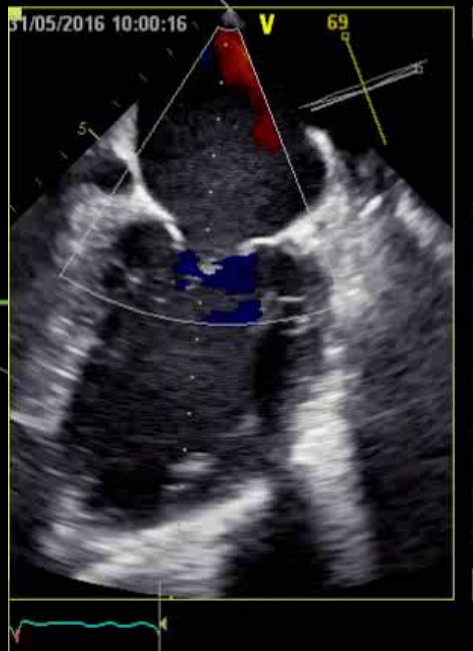
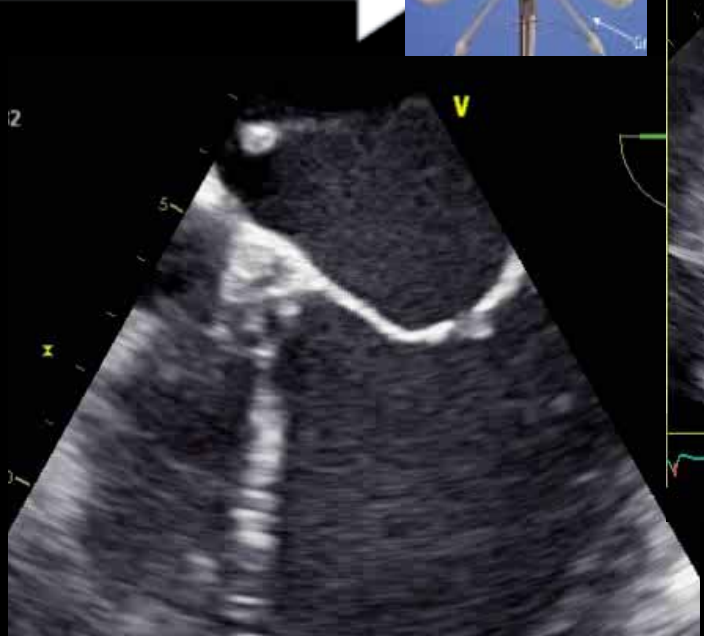
Renal Failure: 3.369%



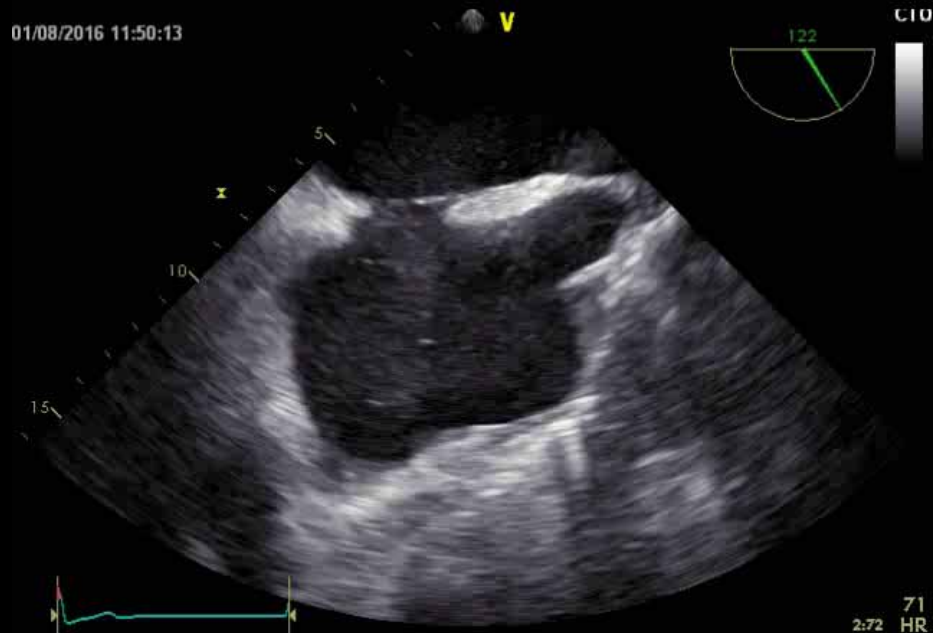


C-length<2mm
FEVS<25%
LVESD>55mm
C-depth>10mm

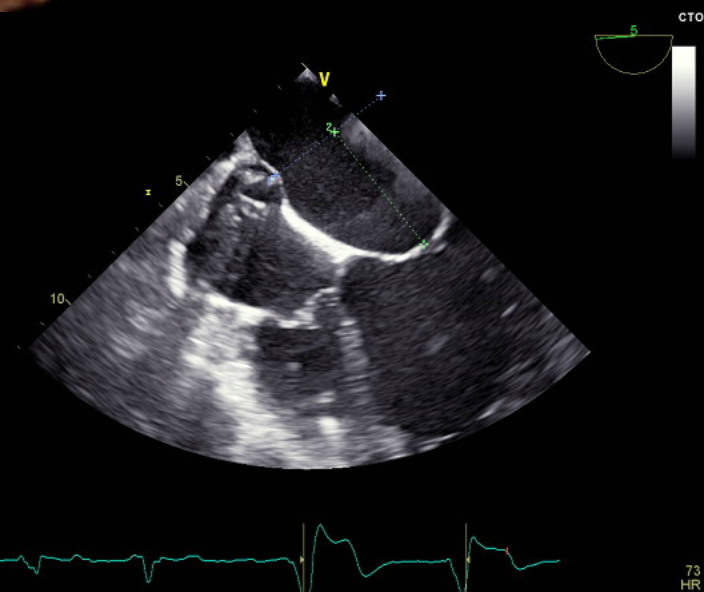
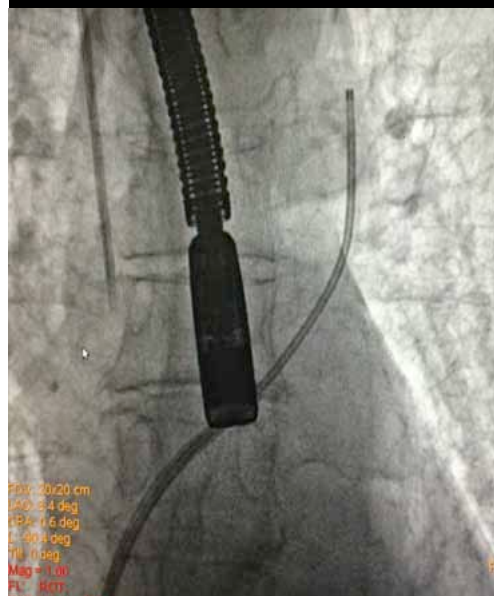
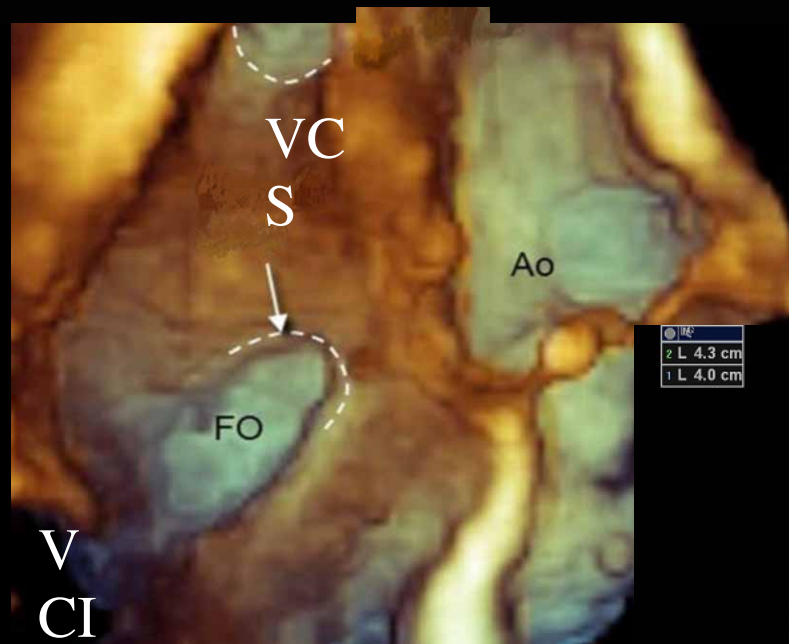
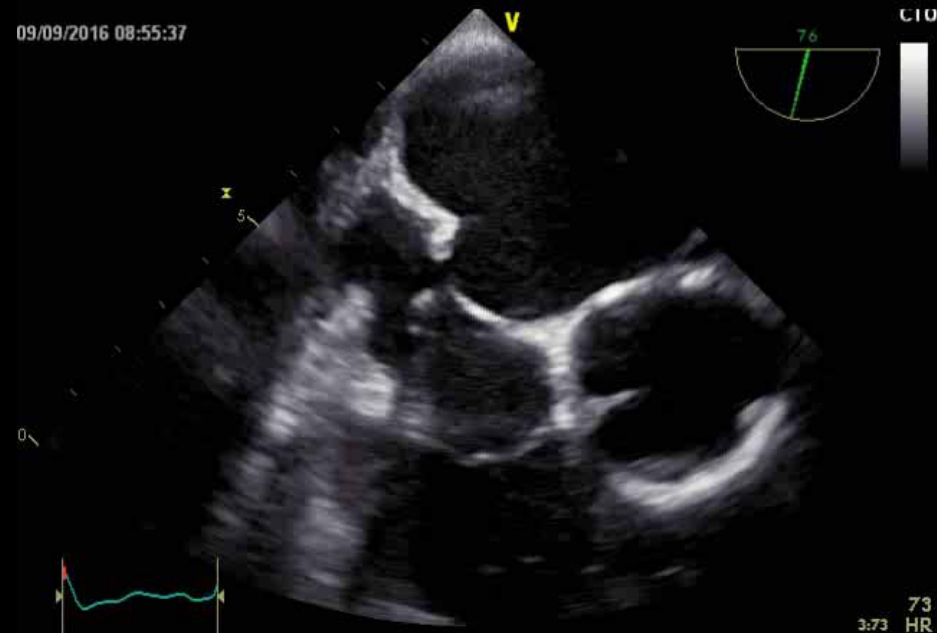
LEVOSIMENDA

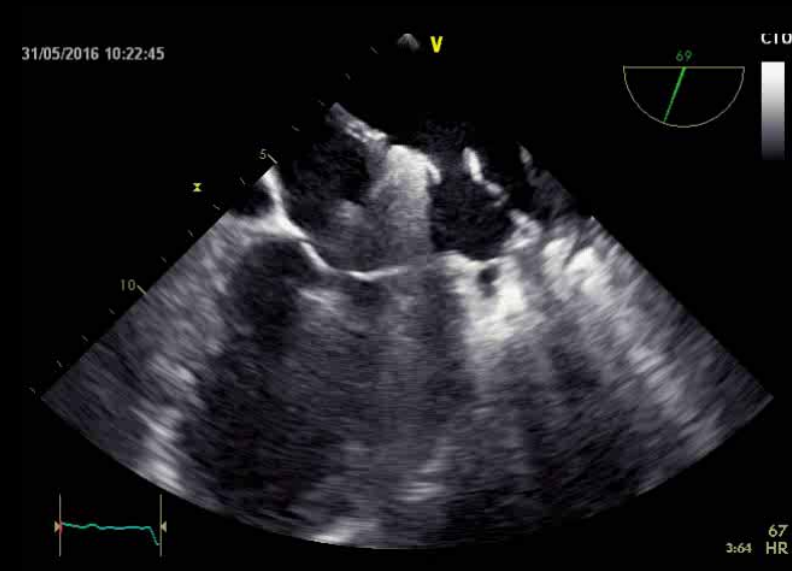
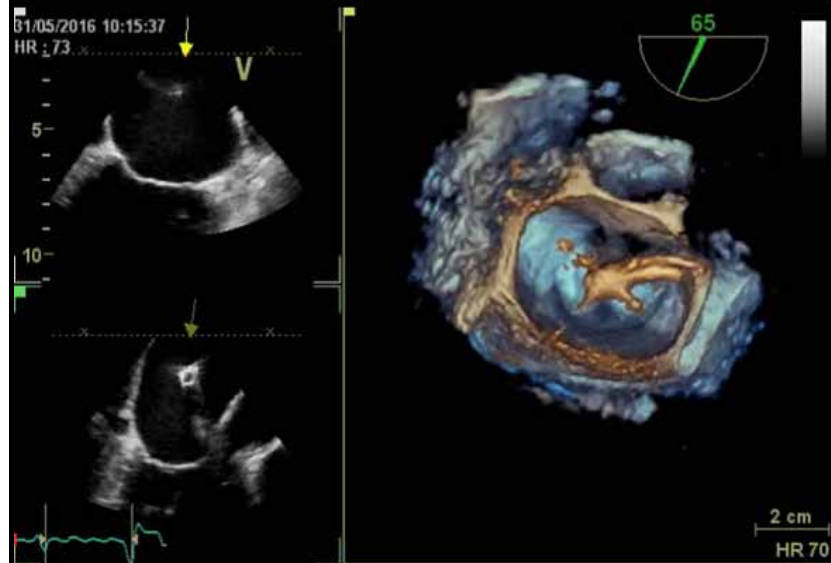


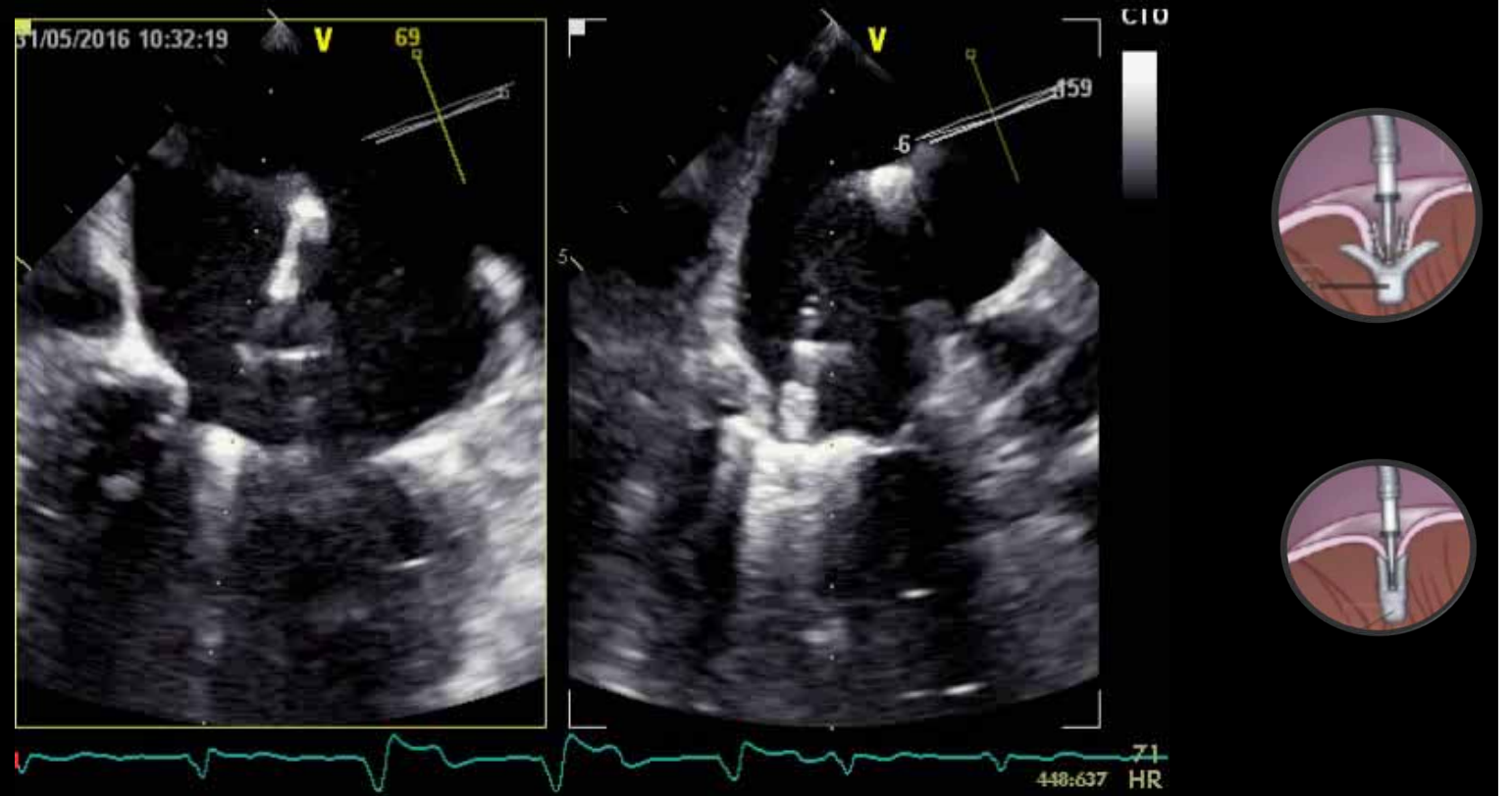
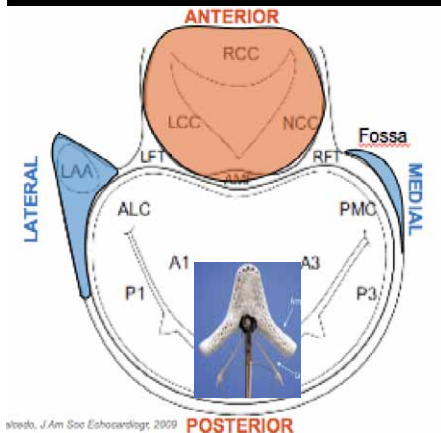
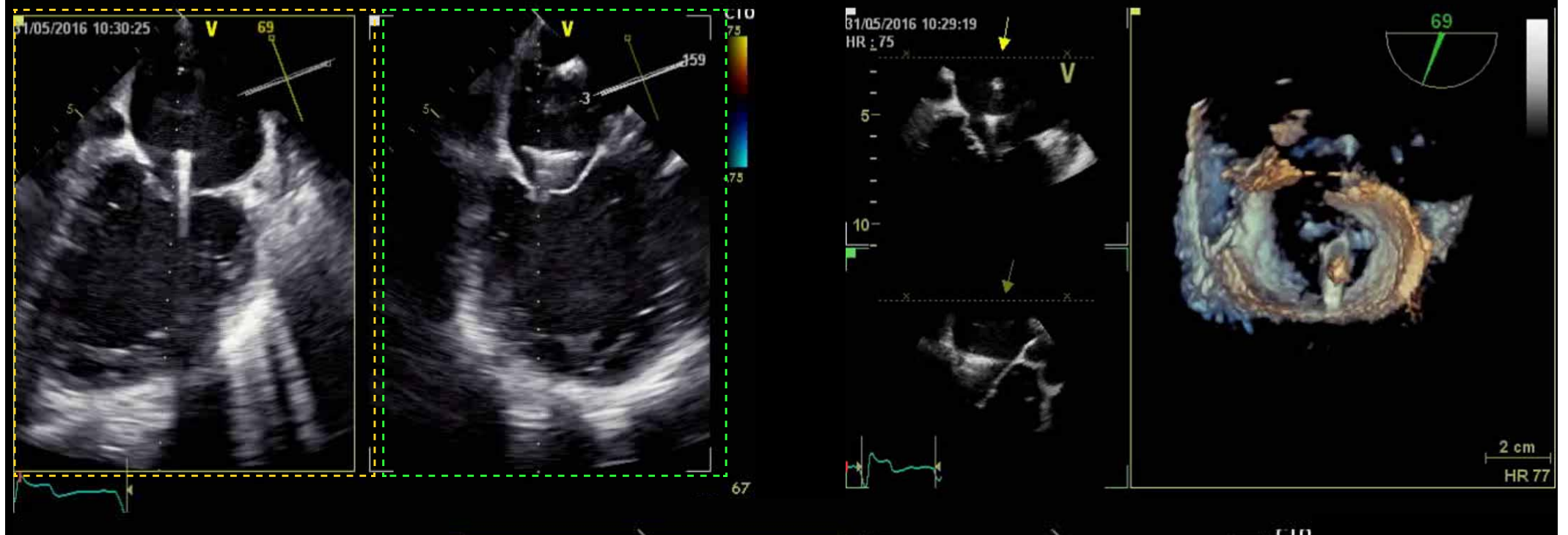
01/08/2016 11:50:13



09/09/2016 08:55:37







Wleed, J Am Soc Echocardiogr 2009

31/05/2016 10:54:34

V



CTD
75
-75

31/05/2016 10:55:41

V



CTD
75
-75

80
1:12 HR

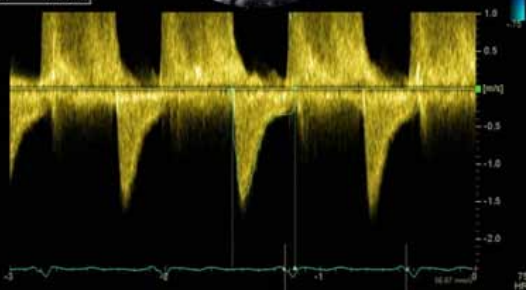
31/05/2016 11:13:58
HR 74



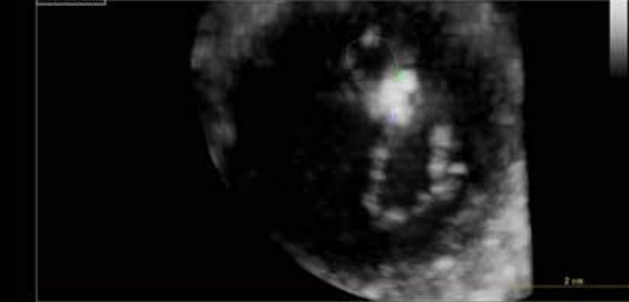
CTD
75
-75



CTD
75
-75

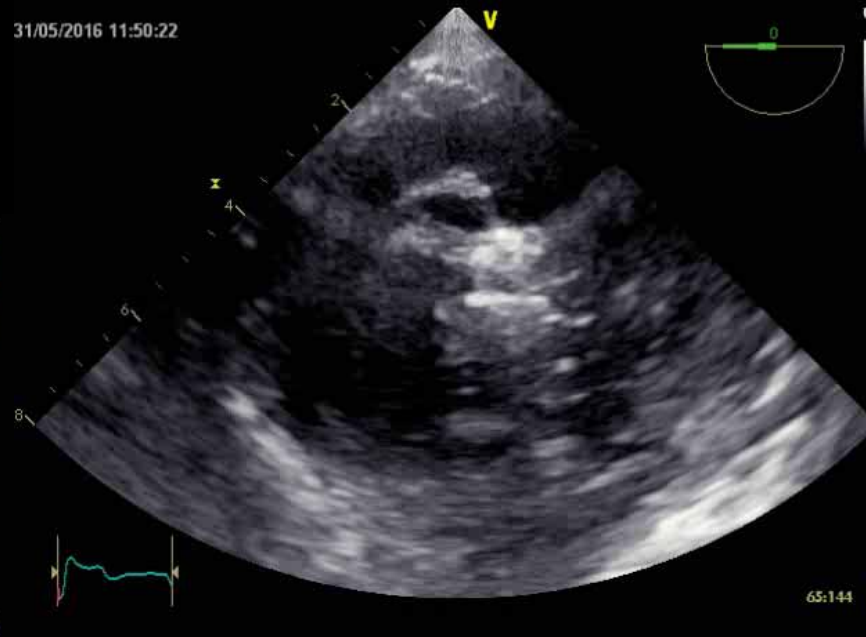
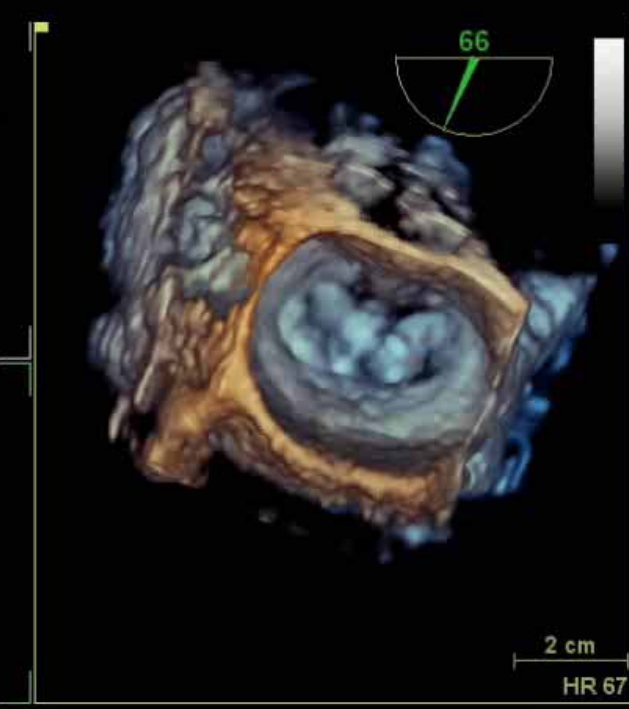
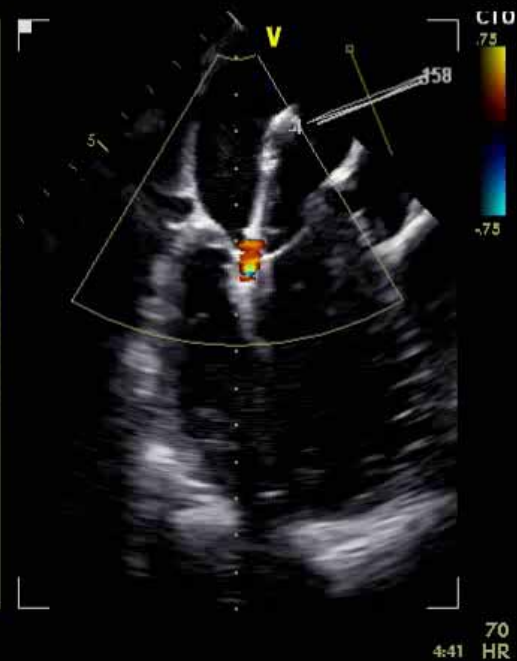


31/05/2016 11:18:44
HR 75



HR 75

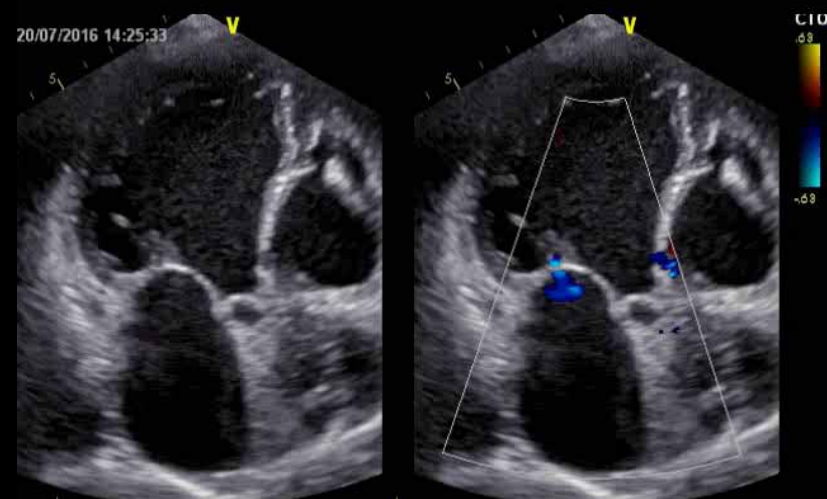
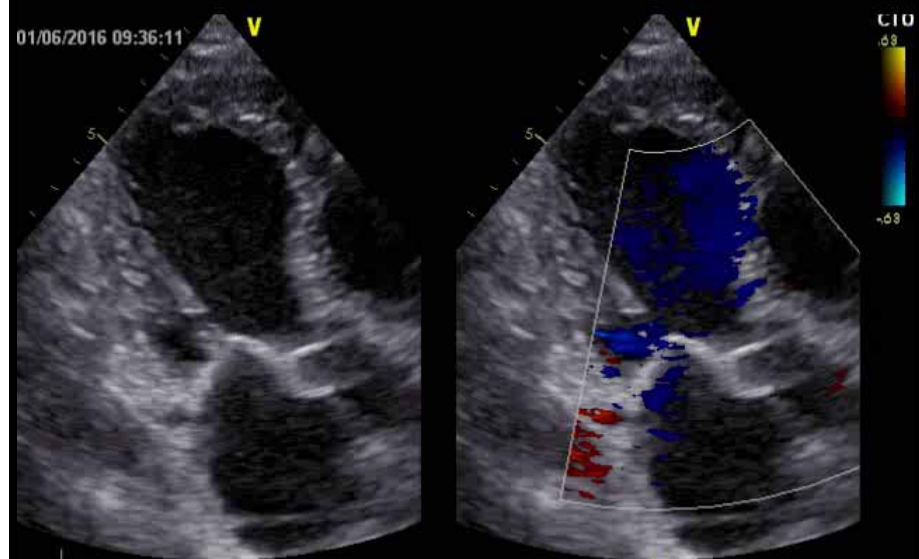
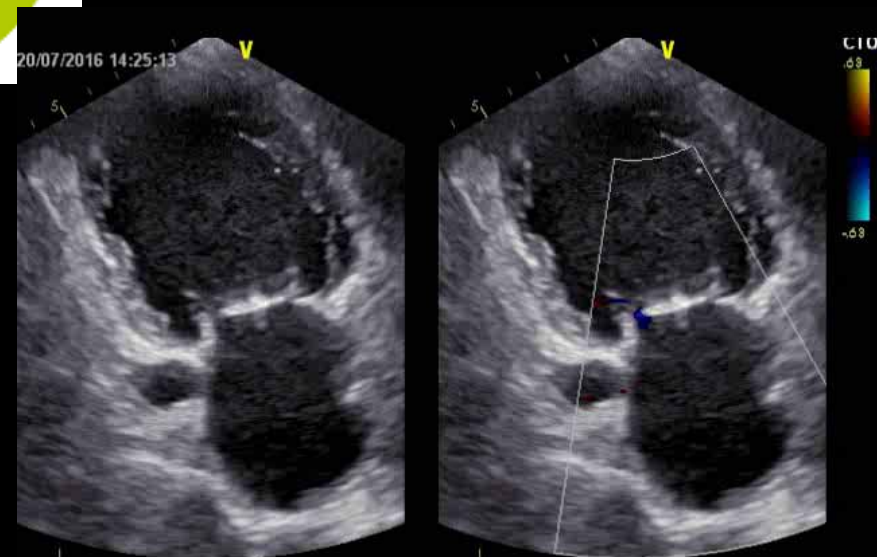
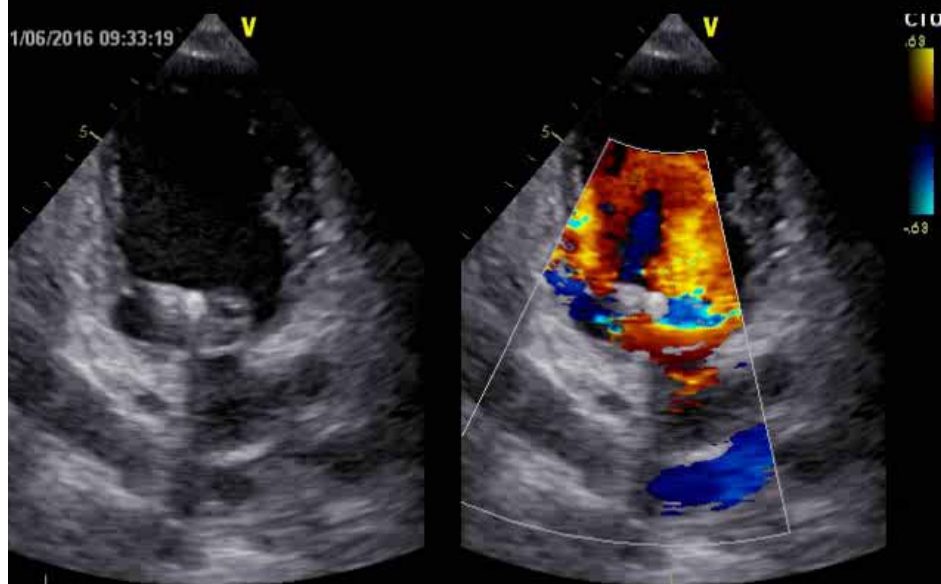




Post MitraClip

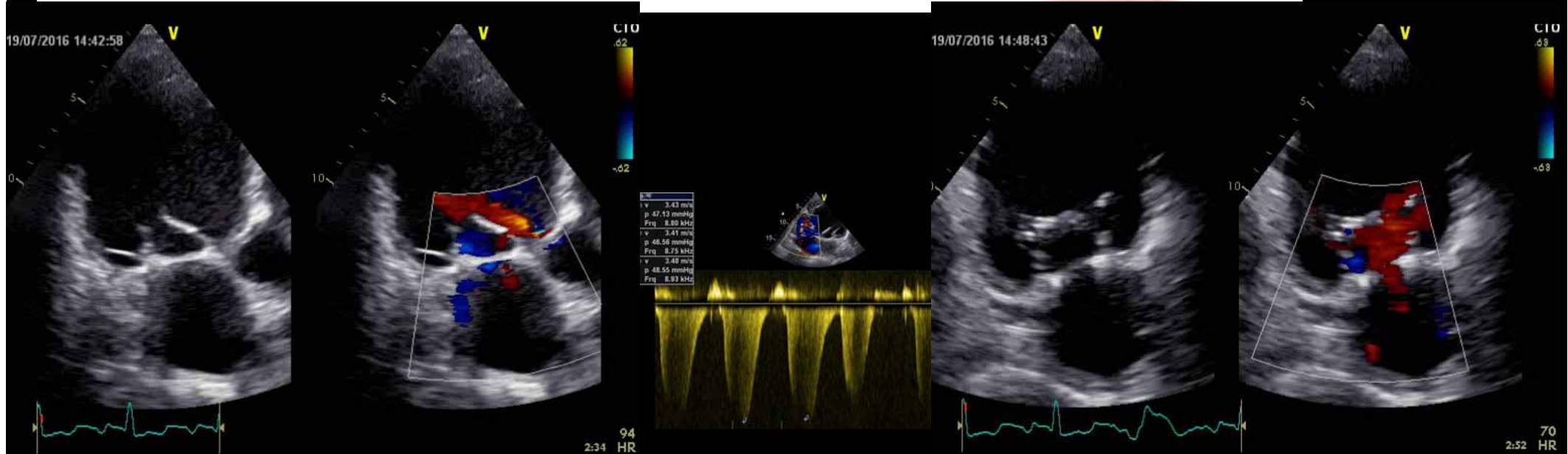
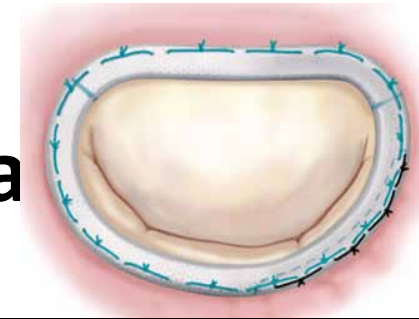


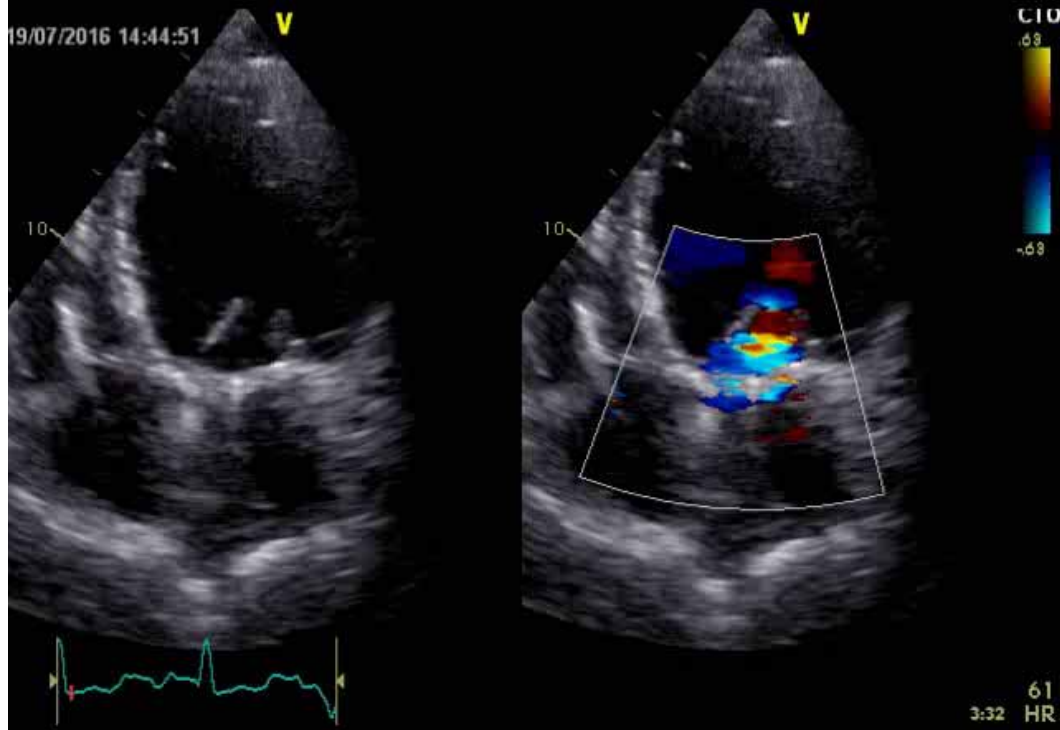
Follow-up



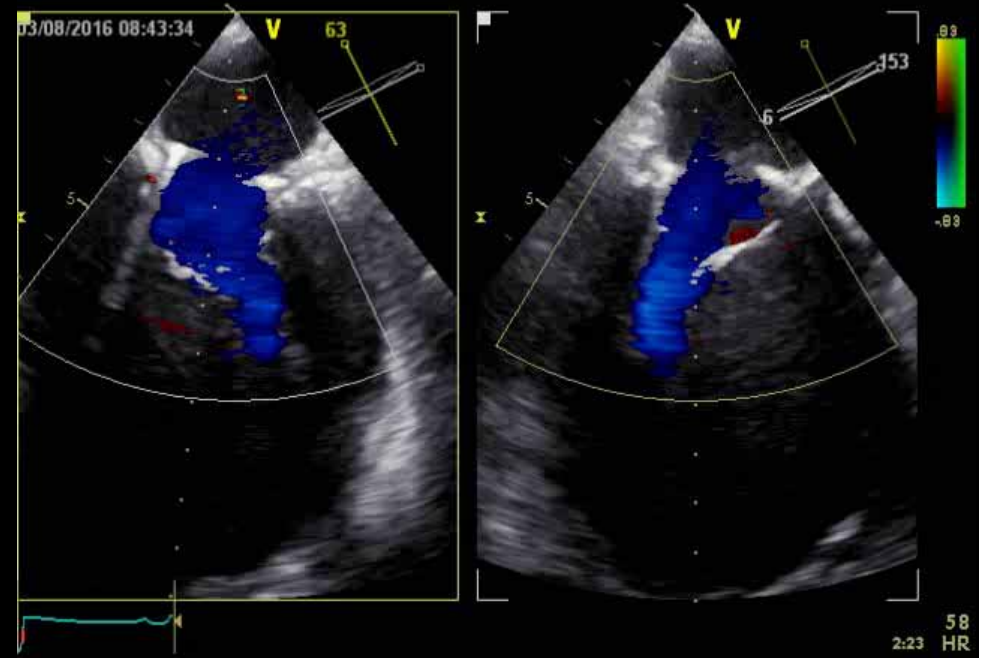
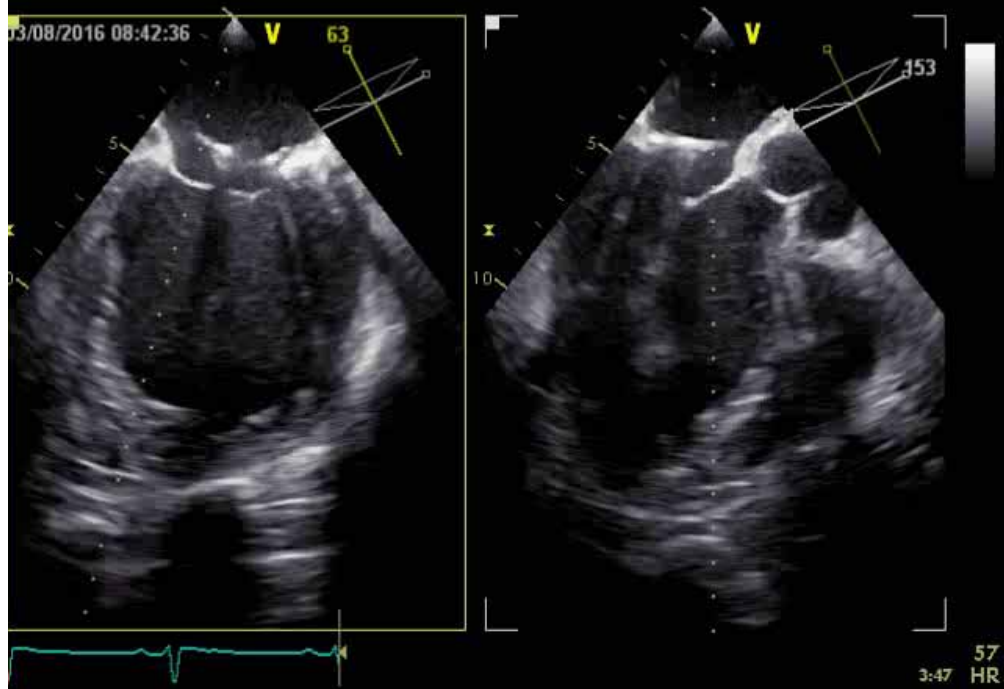
M, 67 anni

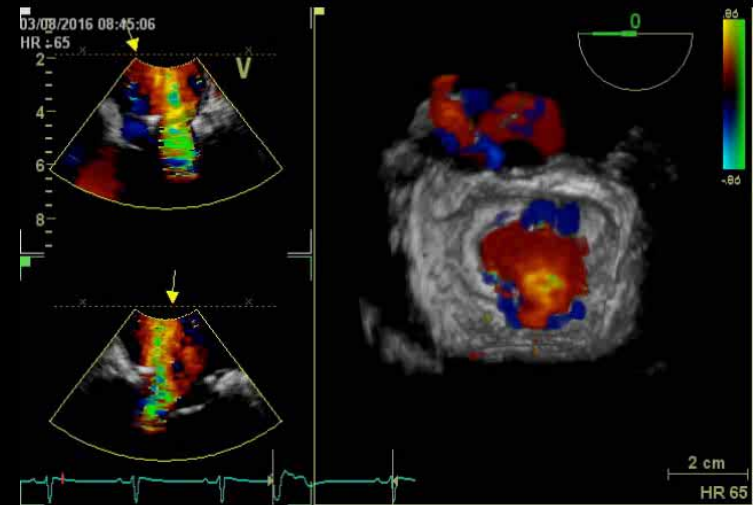
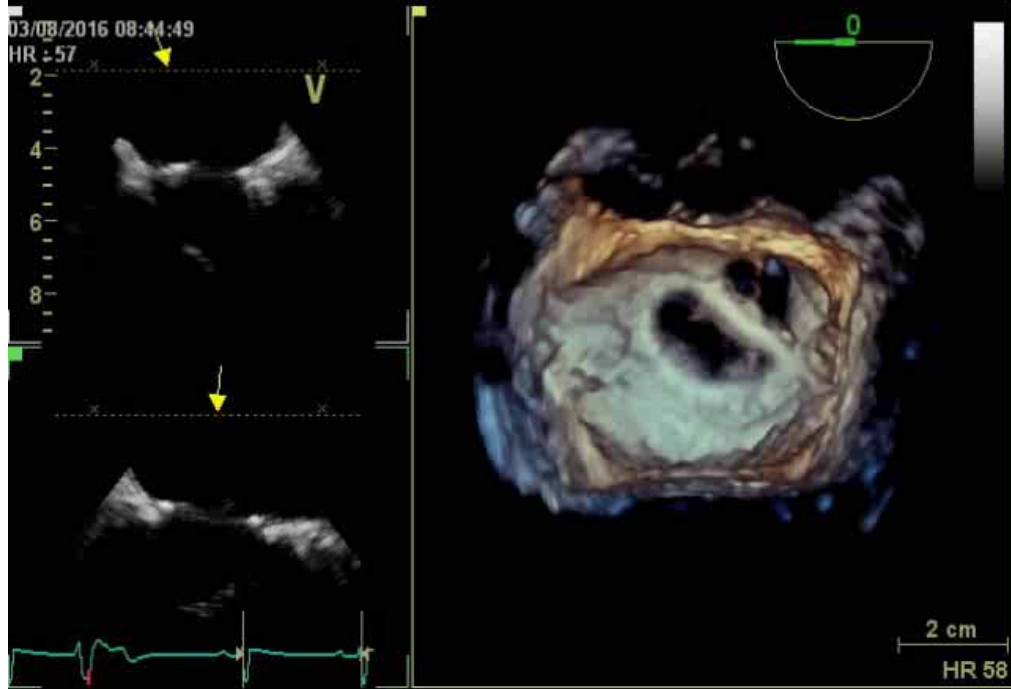
- **1992: STEMI infero-laterale → trombolisi+ PCI RI**
- **1994: NSTEMI → PCI Cx; 1996: PCI IVA**
- **2002: ICD in prevenzione primaria**
- **2008: NSTEMI → PCI Cx + IVA**
- **2012: CABG (LIMA-IVA, safena PVM)**





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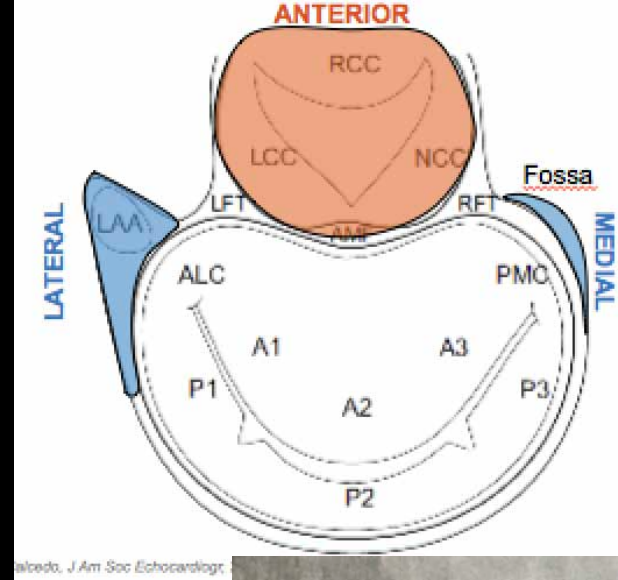
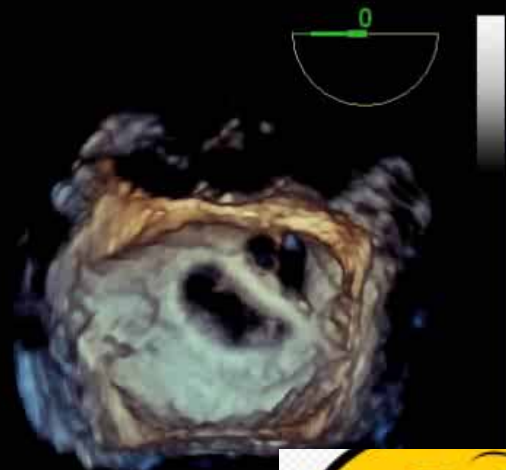
EuroSCORE II

9.5%

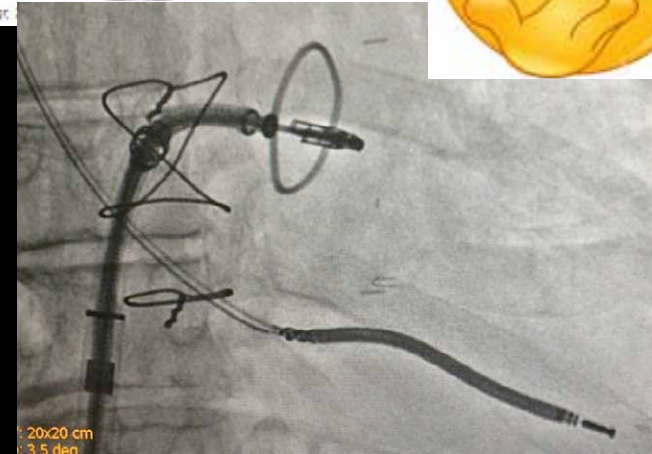
STS 6.88%

IM isolata

03/08/2016 08:44:49
HR : 57



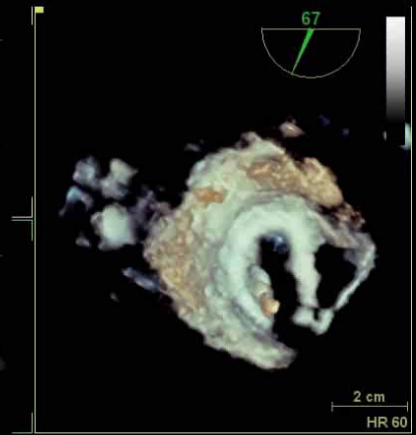
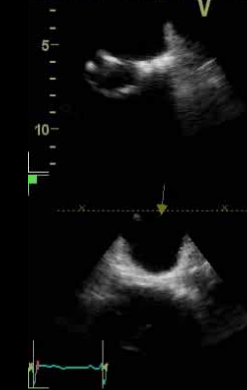
alcedo, J Am Soc Echocardiogr.

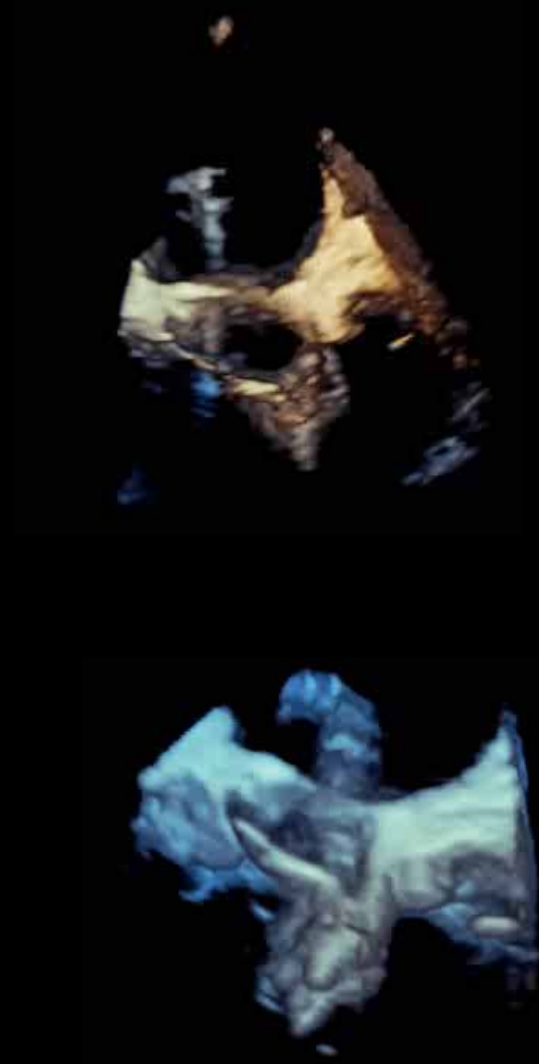
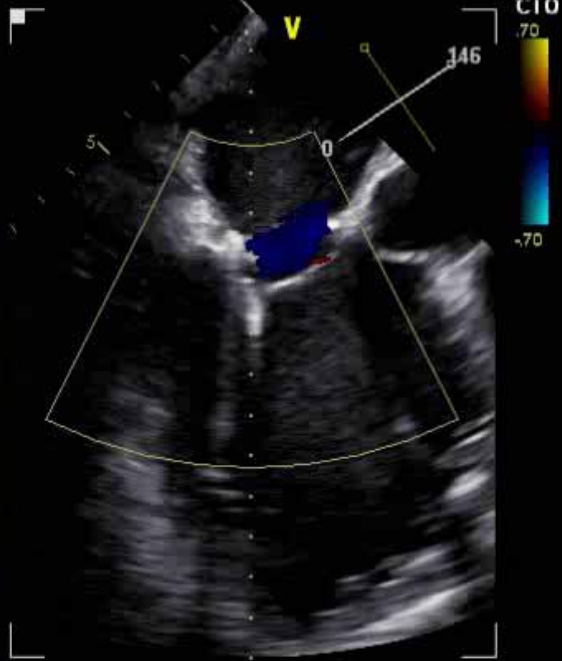
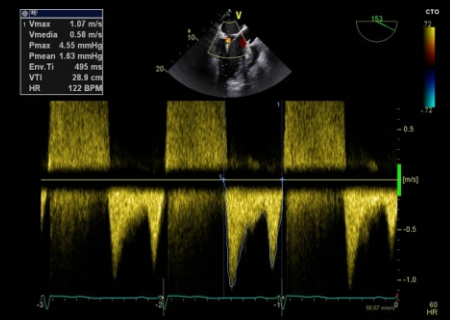


03/08/2016 08:52:45
HR : 64



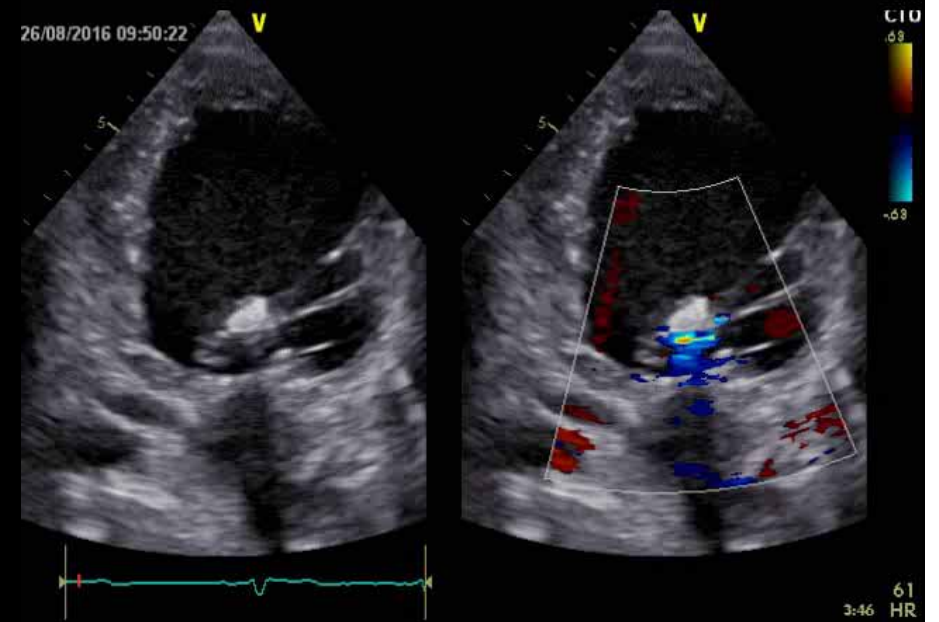
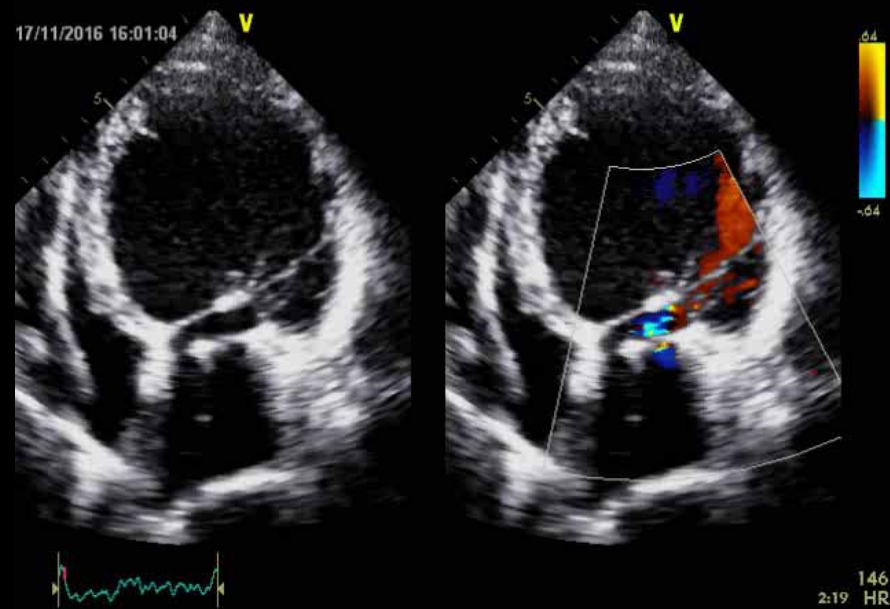
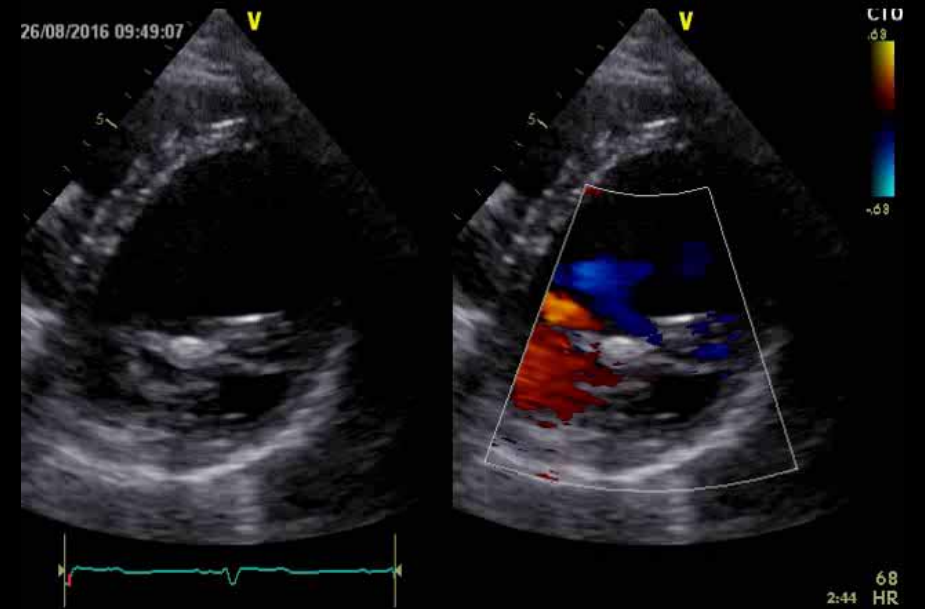
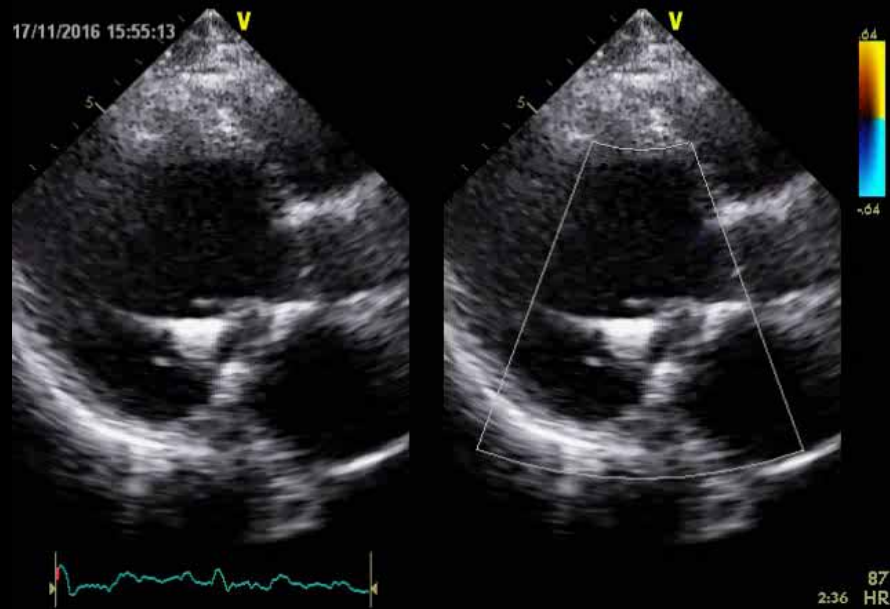
03/08/2016 10:00:23
HR : 60







Post MitraClip

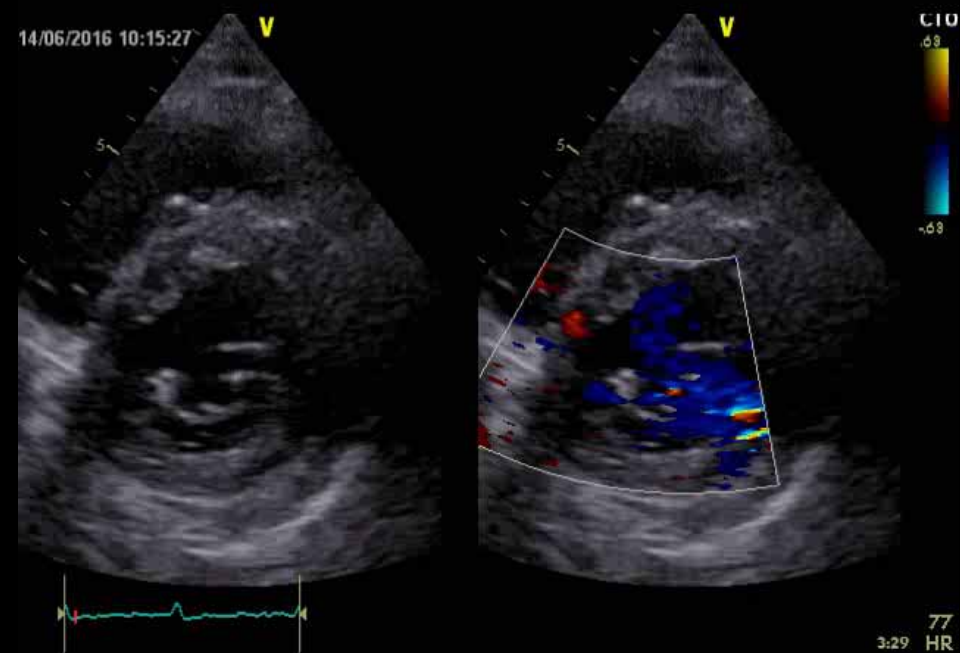
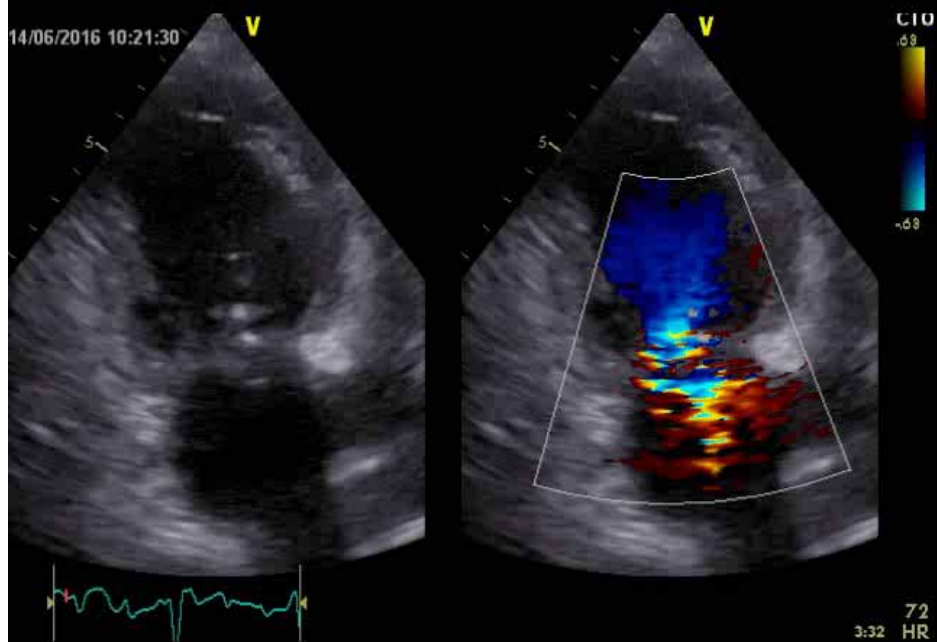


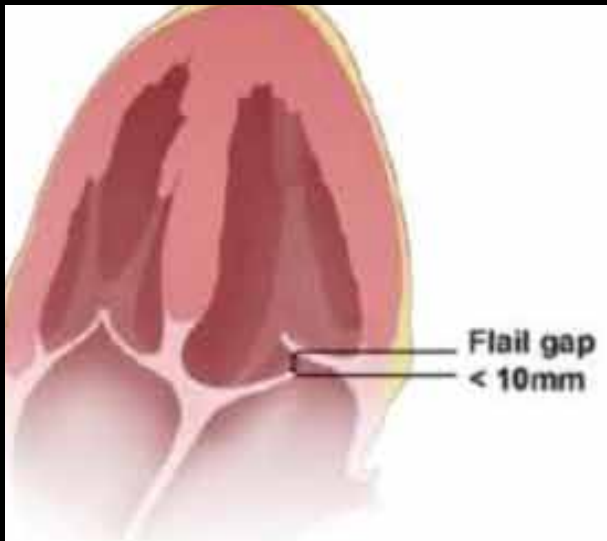
M, 87 anni

- **FA permanente**
- **2015: IM severa**
- **2016: EPA**



EuroSCORE II 7.5%
STS 6.6%
Fragilità



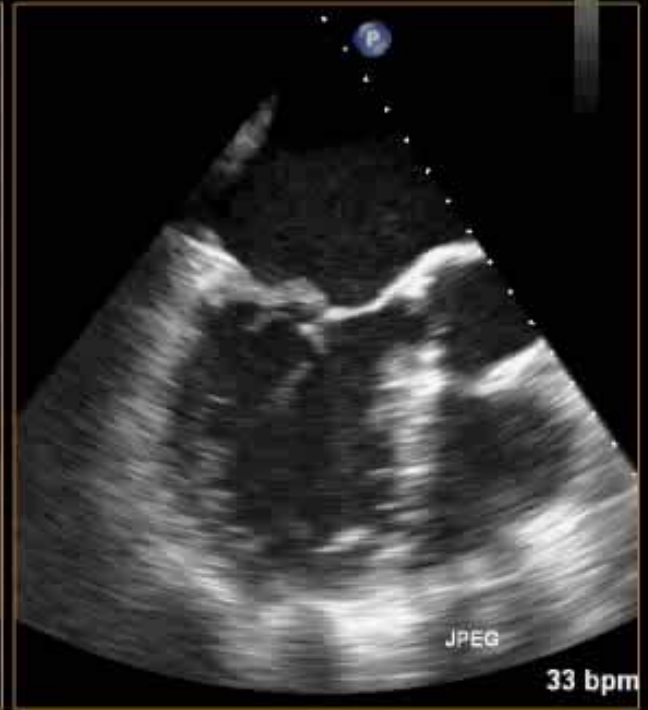


FR 36Hz
18cm
xPlane
61%
61%
53dB
P Off
Gen

55
-6

M4

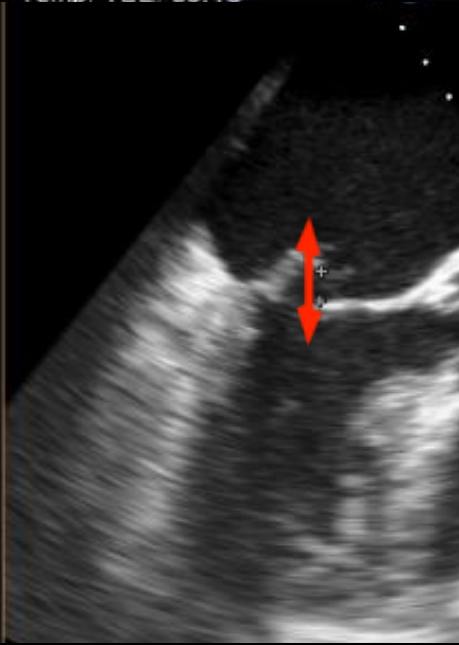
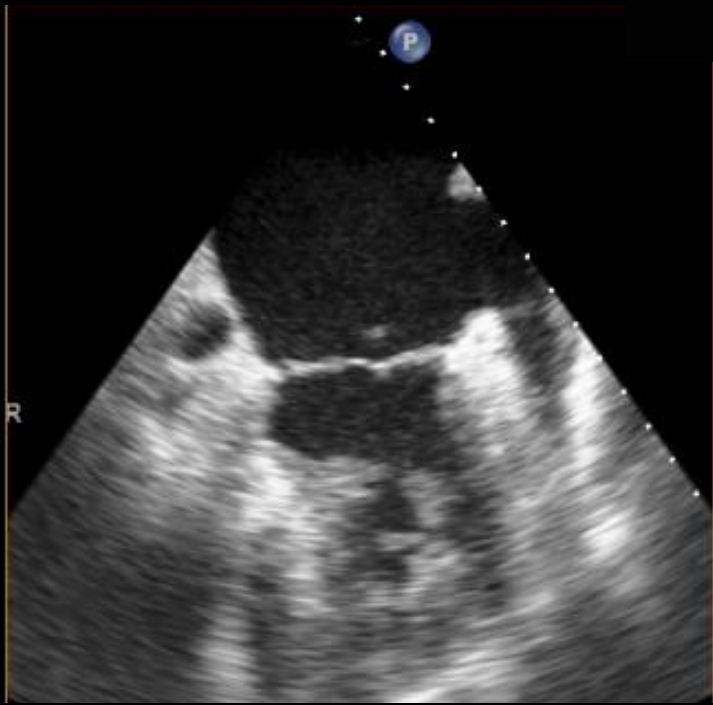
G
P R



Temp. PAZ.: 37.0C
Temp. TEE: 39.4C

Gen

G
P R





FR 52Hz
15cm

2D
64%
C 53
P Off
Gen



11cm

Live 3D
3D 29%
3D 47dB
Gen

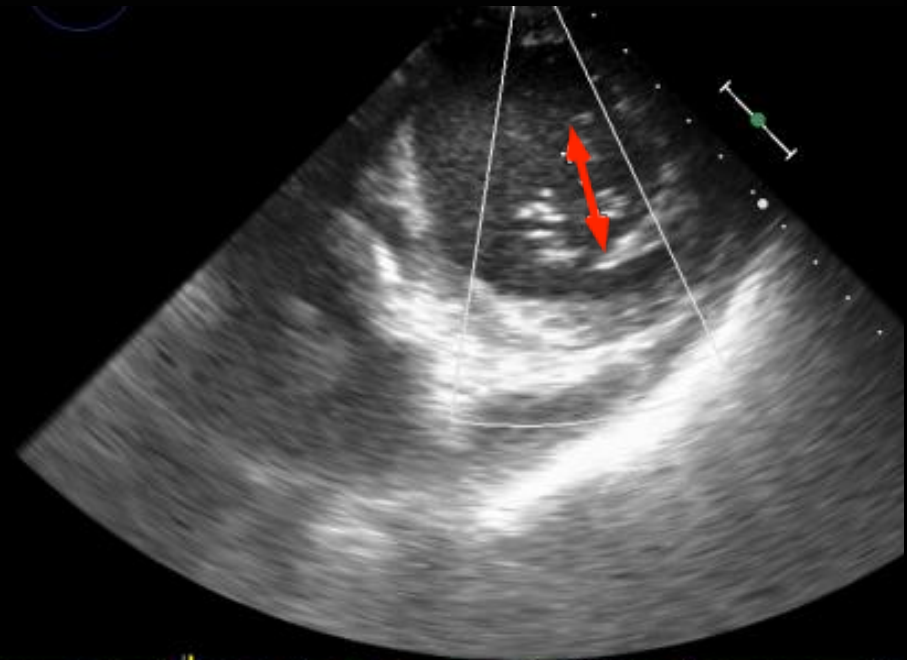


PAZ: 37.0C
TEE: 38.5C
C 53
P Off
Gen

CF
59%
4.4MHz
WF Alto
Med.

JPEG

39 bpm



JPEG

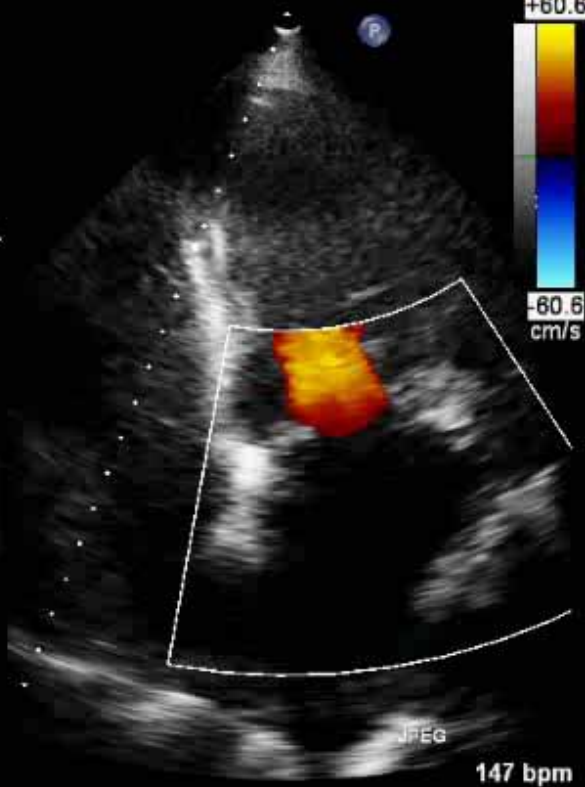
*** bpm

Temp. PAZ: 37.0C
Temp. TEE: 39.5C

Dist 1.47 cm
PAZ: 37.0C
TEE: 38.2C

FR 13Hz
20cm

2D
54%
C 50
P Bassa
AGen
CF
66%
2.5MHz
WF Alto
Med.

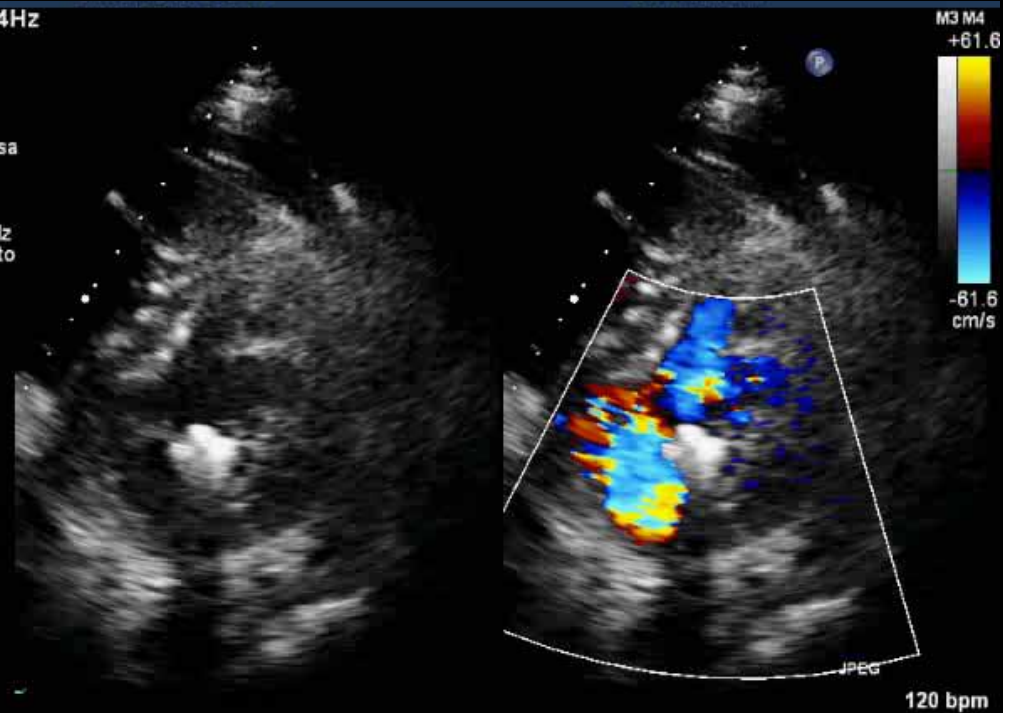


Post MitraClip



FR 14Hz
16cm

2D
42%
C 50
P Bassa
AGen
CF
66%
2.5MHz
WF Alto
Med.



M, 82 anni

- IRC (Cl creatinina 30ml/min)
- BPCO
- 2012: FA permanente
- 2016: stenosi critica IVA m+CDx m

EPA ricorrente → CPAP



RISK SCORES

About the STS Risk Calculator

Procedure: MV Repair

Risk of Mortality: 4.419%

Morbidity or Mortality: 27.136%

Long Length of Stay: 14.288%

Short Length of Stay: 14.53%

Permanent Stroke: 1.628%

Prolonged Ventilation: 14.855%

DSW Infection: 0.355%

Renal Failure: 7.518%

Reoperation: 11.761%

