Place de la Micro-ETO dans les procédures de Cardiologie interventionnelle Structurelle

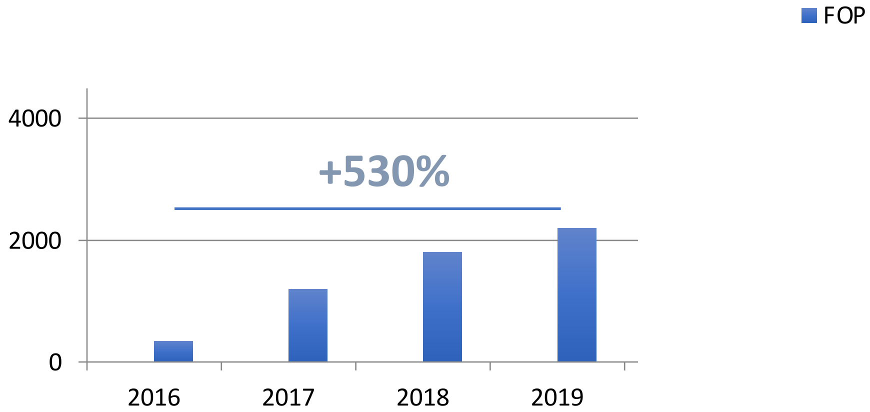
CardioRun, 29 Septembre 2021

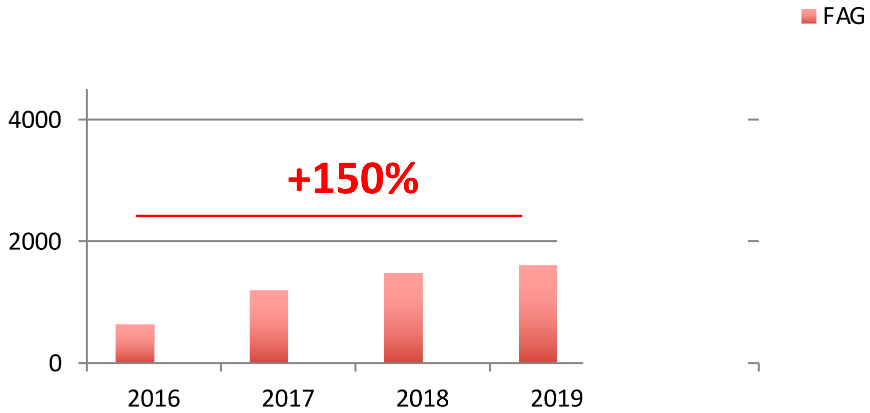
Gilles Rioufol MD, PhD

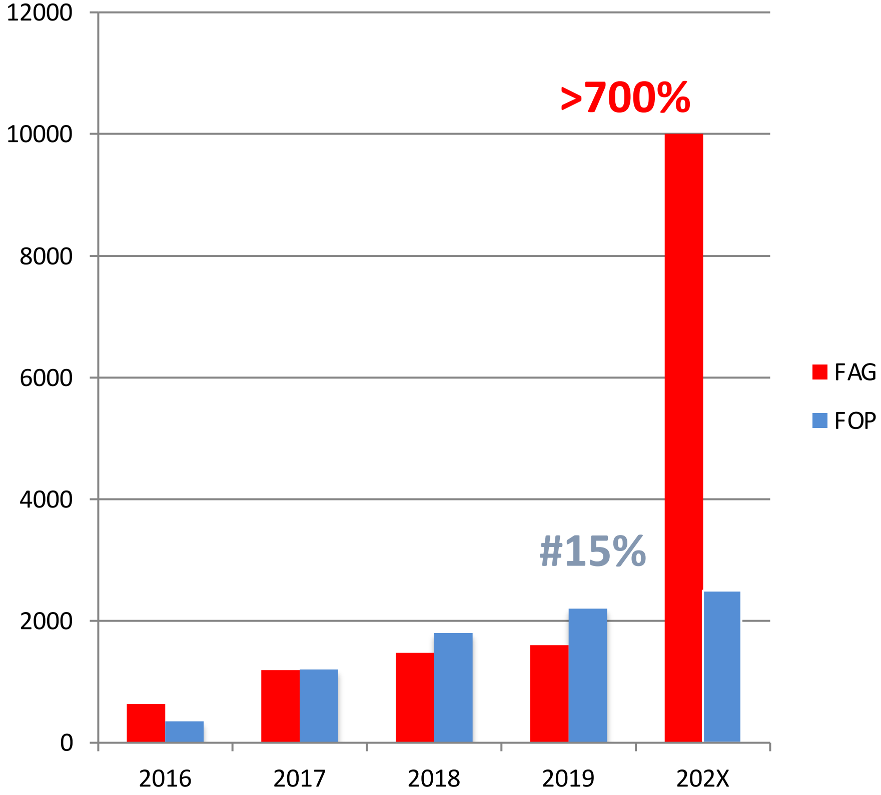
Interventional cardiology dpt
Cardiovascular Hospital - Lyon - France

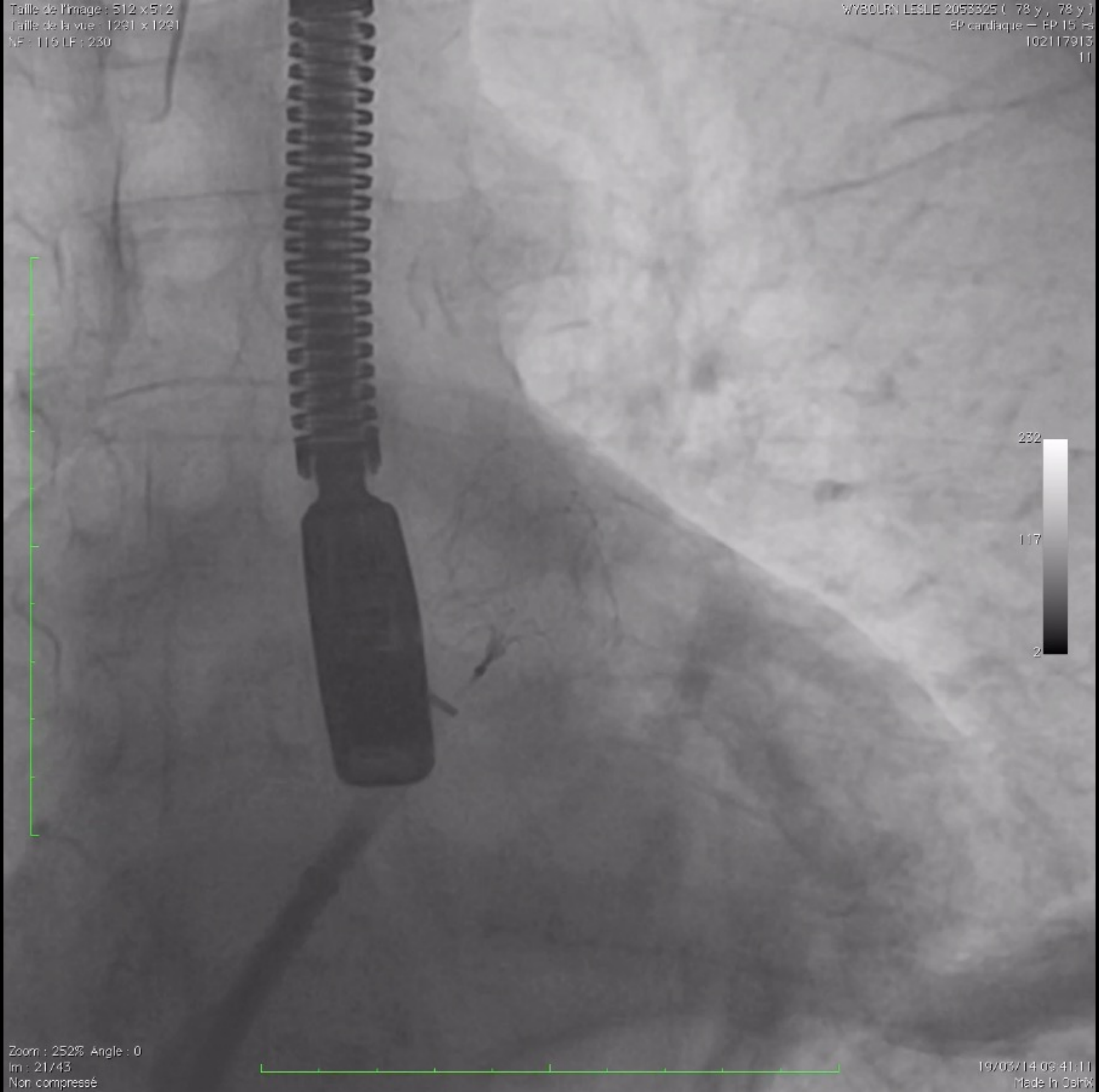
Hospices Civils de Lyon
UNIVERSITÉ DE LYON
Inserm
Institut national
de la santé et de la recherche médicale
INSERM U1060
CarMeN LYON

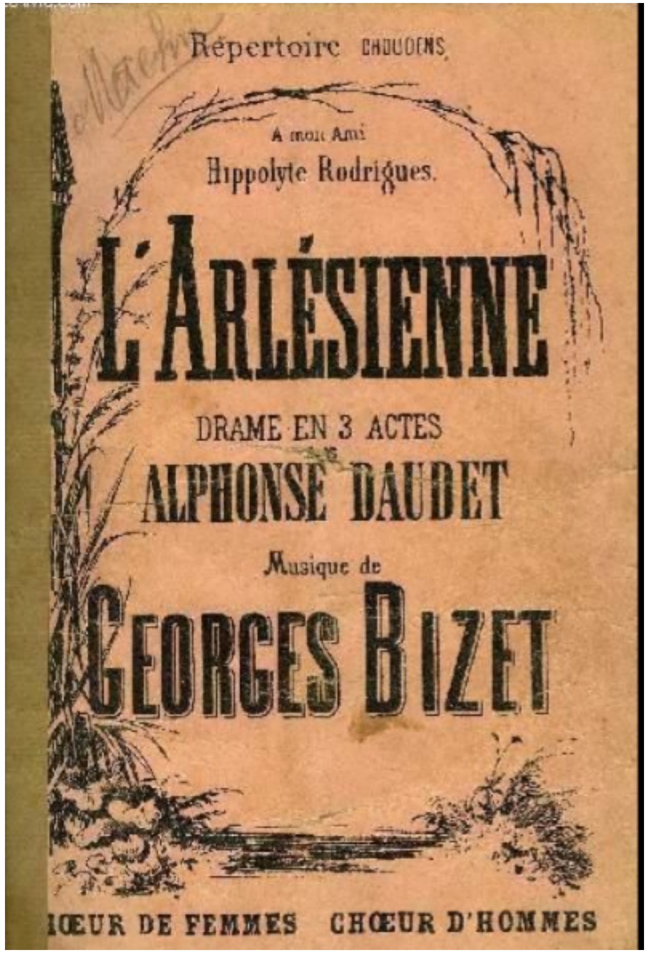
Evolution FOP et FAG et perspectives France








Taille de l'image : 512 x 512
Taille de la vue : 1291 x 1291
NF : 116 LF : 230
WYBOURN LESLIE 2053325 (78 y , 78 y)
EP cardiaque — EP 15 i/s
102117913
11
232
117
2
Zoom : 252% Angle : 0
Im : 21/43
Non compressé
19/03/14 09:41:11
Made In OsiriX



Répertoire CHOUDENS

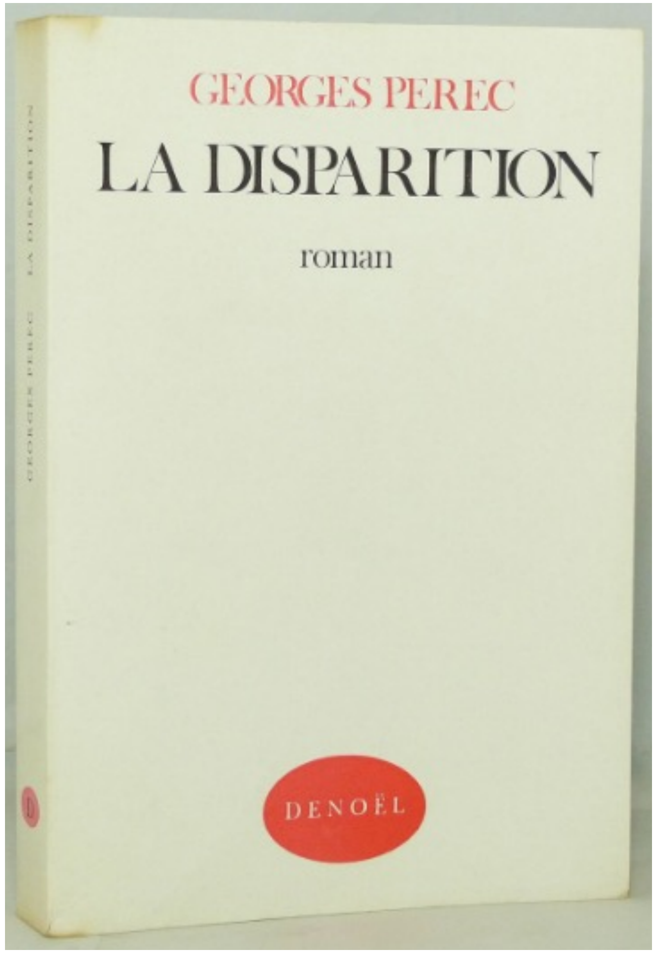
A mon Ami
Hippolyte Rodrigues.

L'ARLÉSIENNE

DRAME EN 3 ACTES
de
ALPHONSE DAUDET

Musique de
GEORGES BIZET

ŒUR DE FEMMES CHŒUR D'HOMMES



GEORGES PEREC

LA DISPARITION

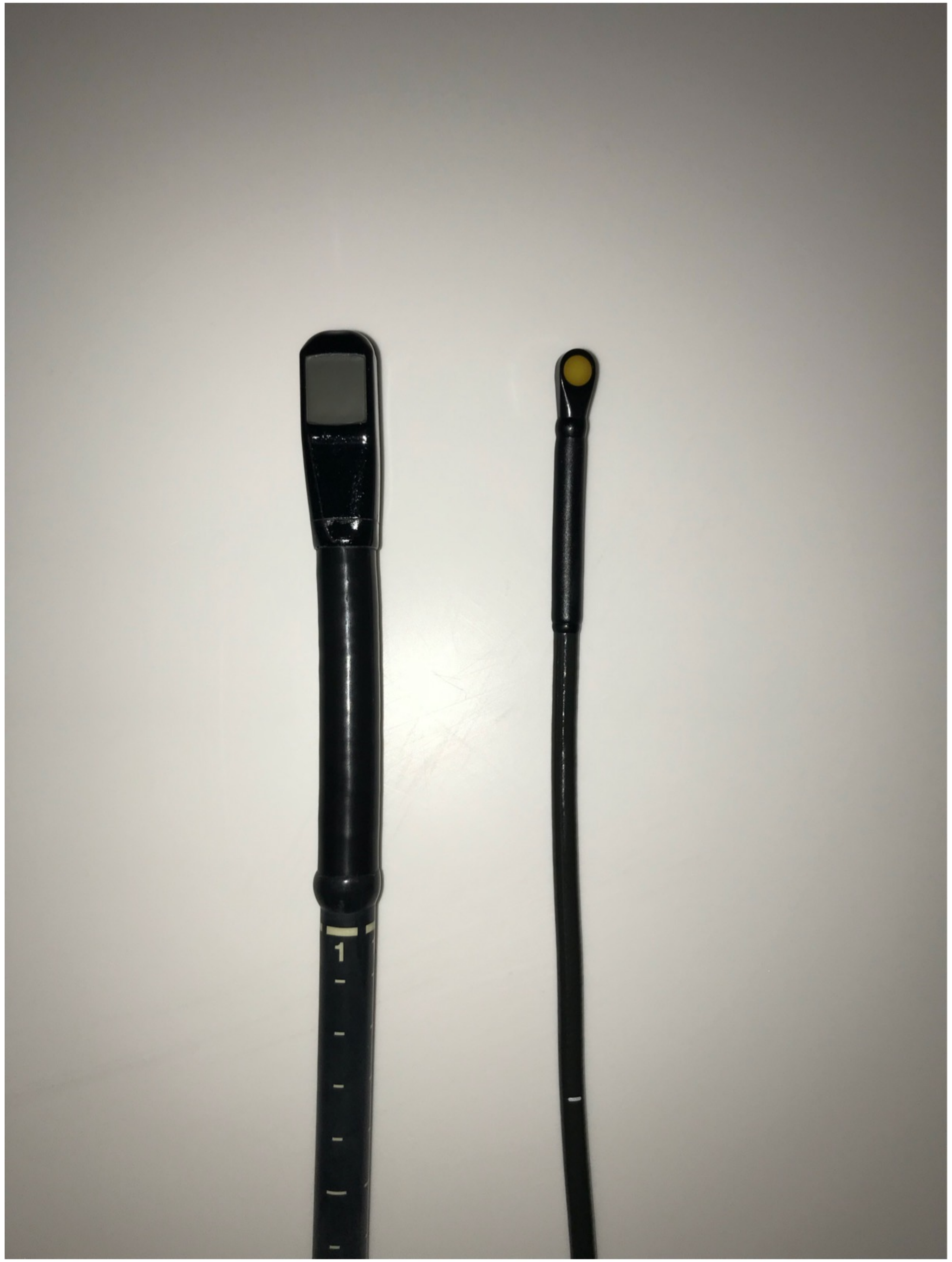
roman

DENOËL

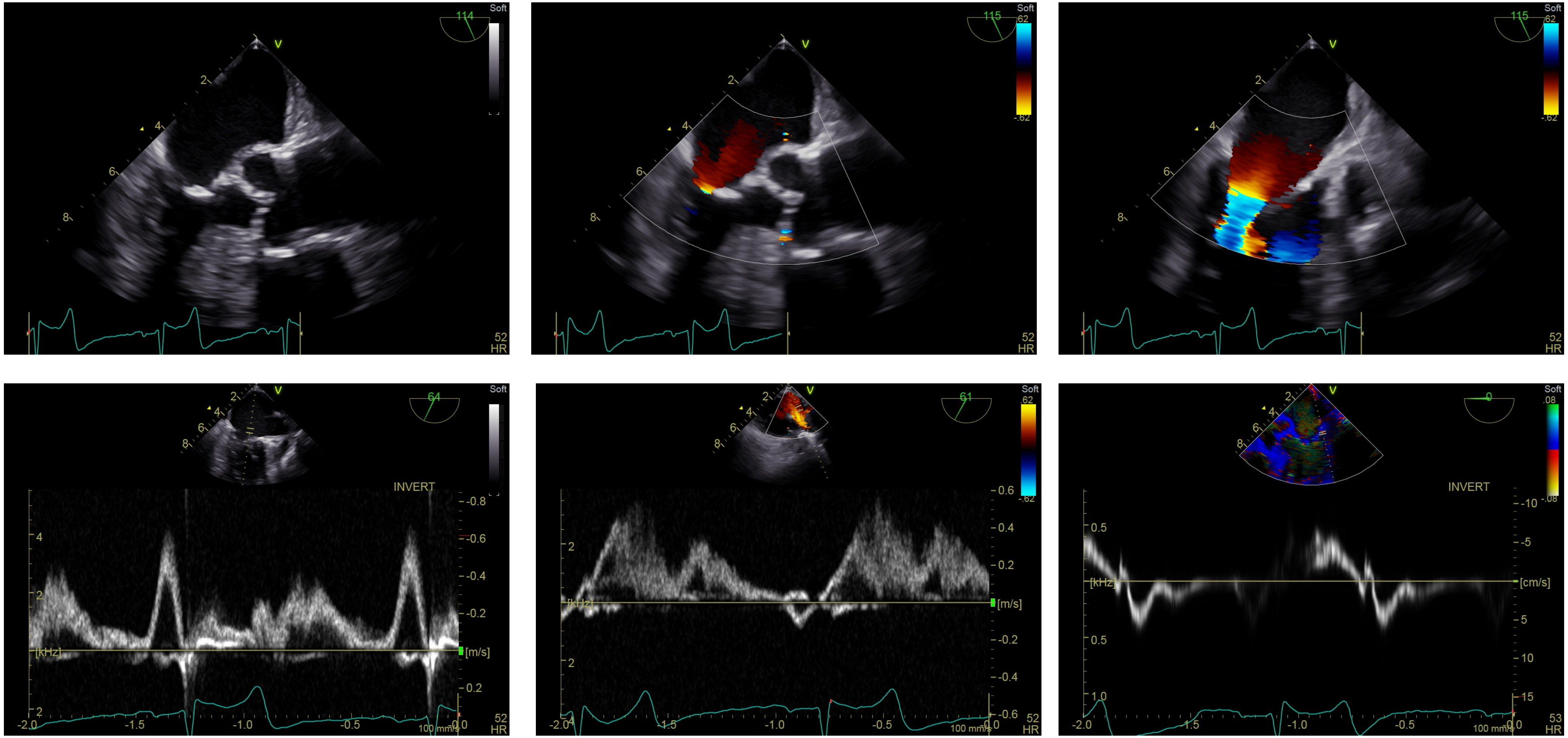
GEORGES PEREC LA DISPARITION
D

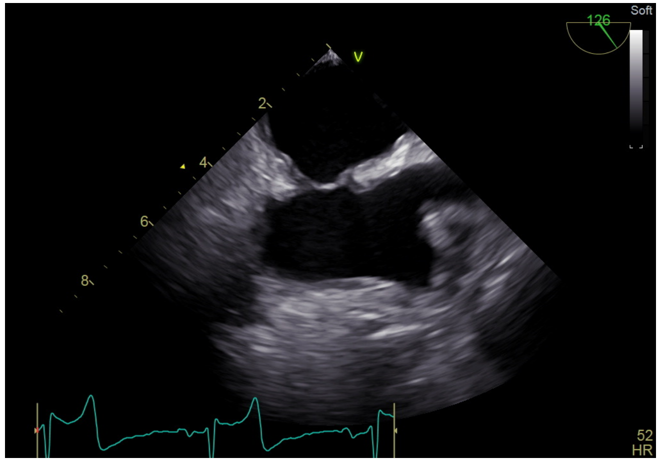
Besoins de l’ETO pour un interventionnel

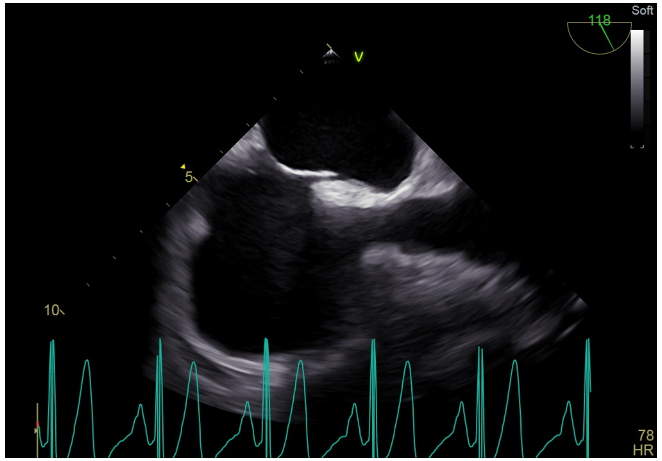
	FOP
Visualisation SIA	+
Choix prothèse	+
Positionnement prothèse	+
Stabilité prothèse	+
complication	+

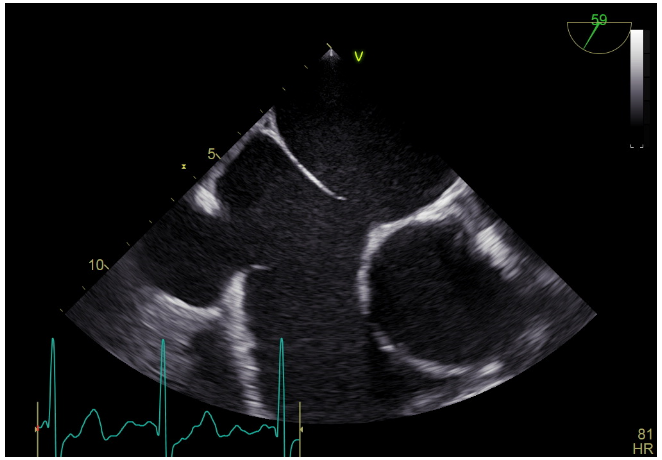

1

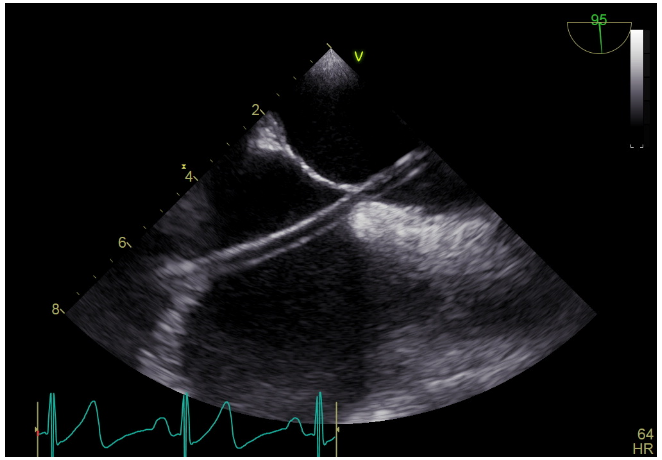
PHILIPS

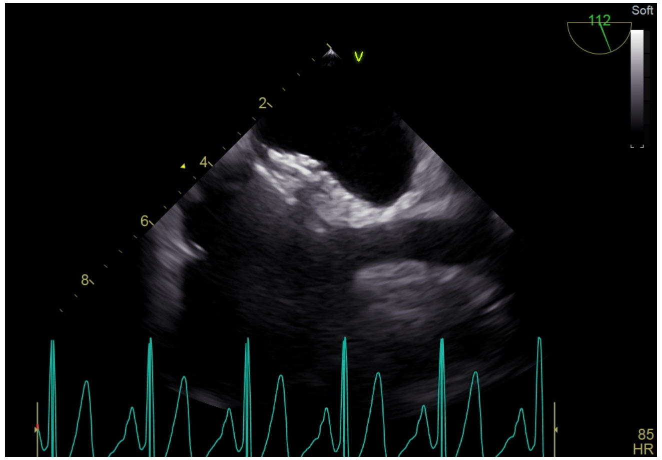

114
115
115
Soft
.62
-.62
V
2
4
6
8
52
HR
64
61
0
.08
-.08
INVERT
[kHz]
[m/s]
[cm/s]
-0.8
-0.6
-0.4
-0.2
0.2
0.4
0.6
0.5
1.0
-10
-5
5
10
15
-2.0
-1.5
-1.0
-0.5
0.0
100 mm/s
53

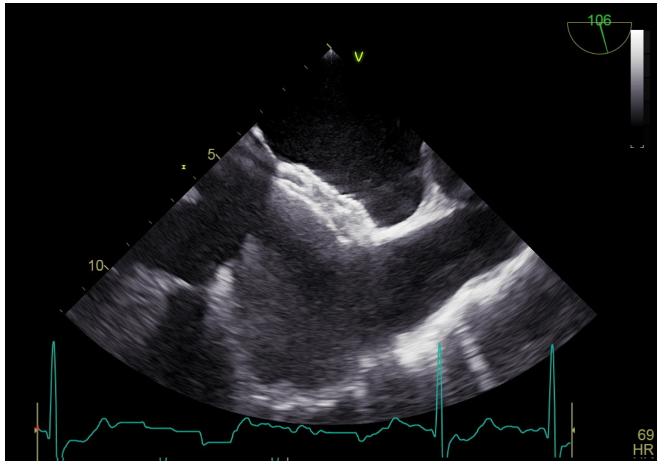

126
Soft
V
2
4
6
8
52
HR

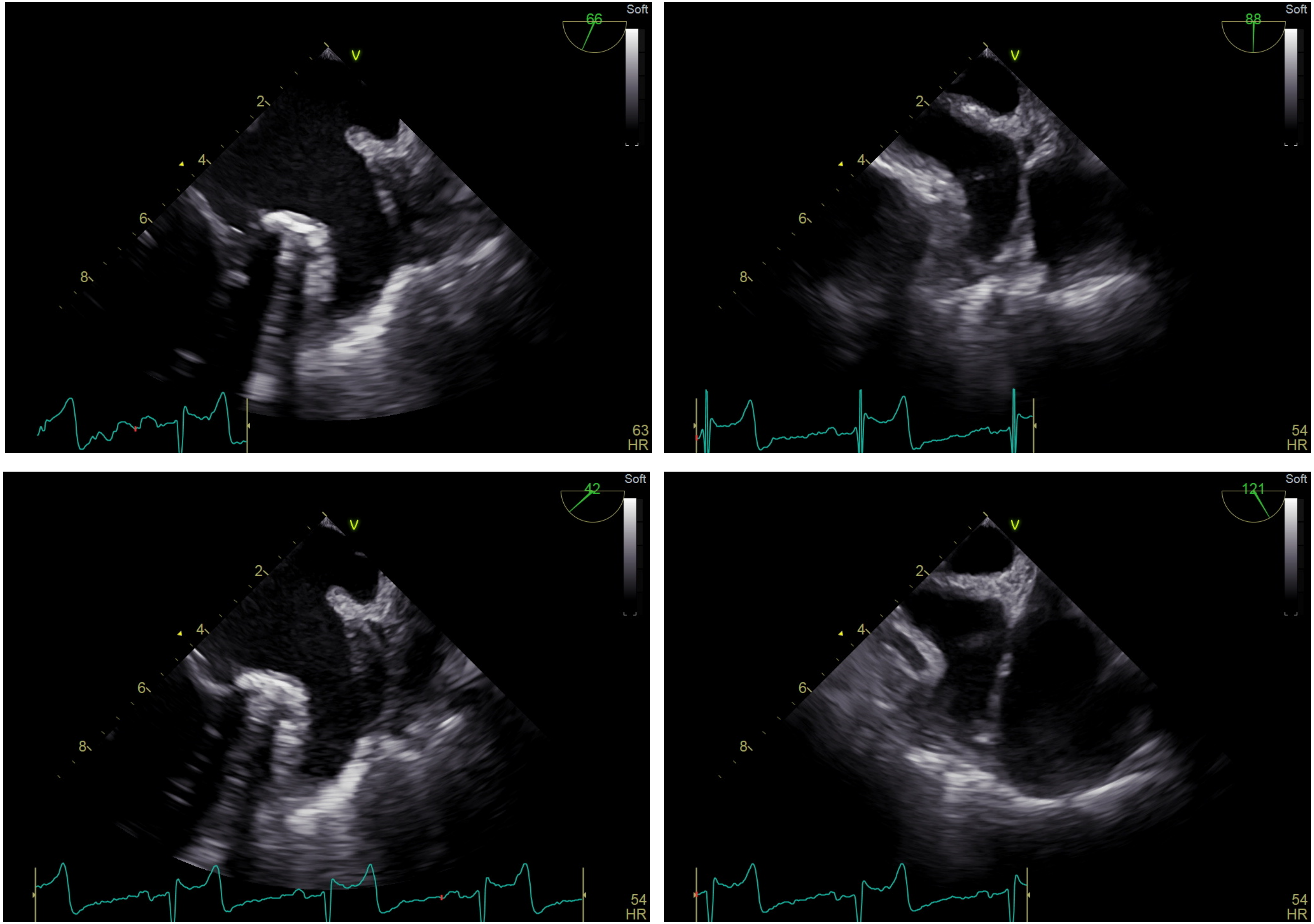

118
Soft
V
5
10
78
HR

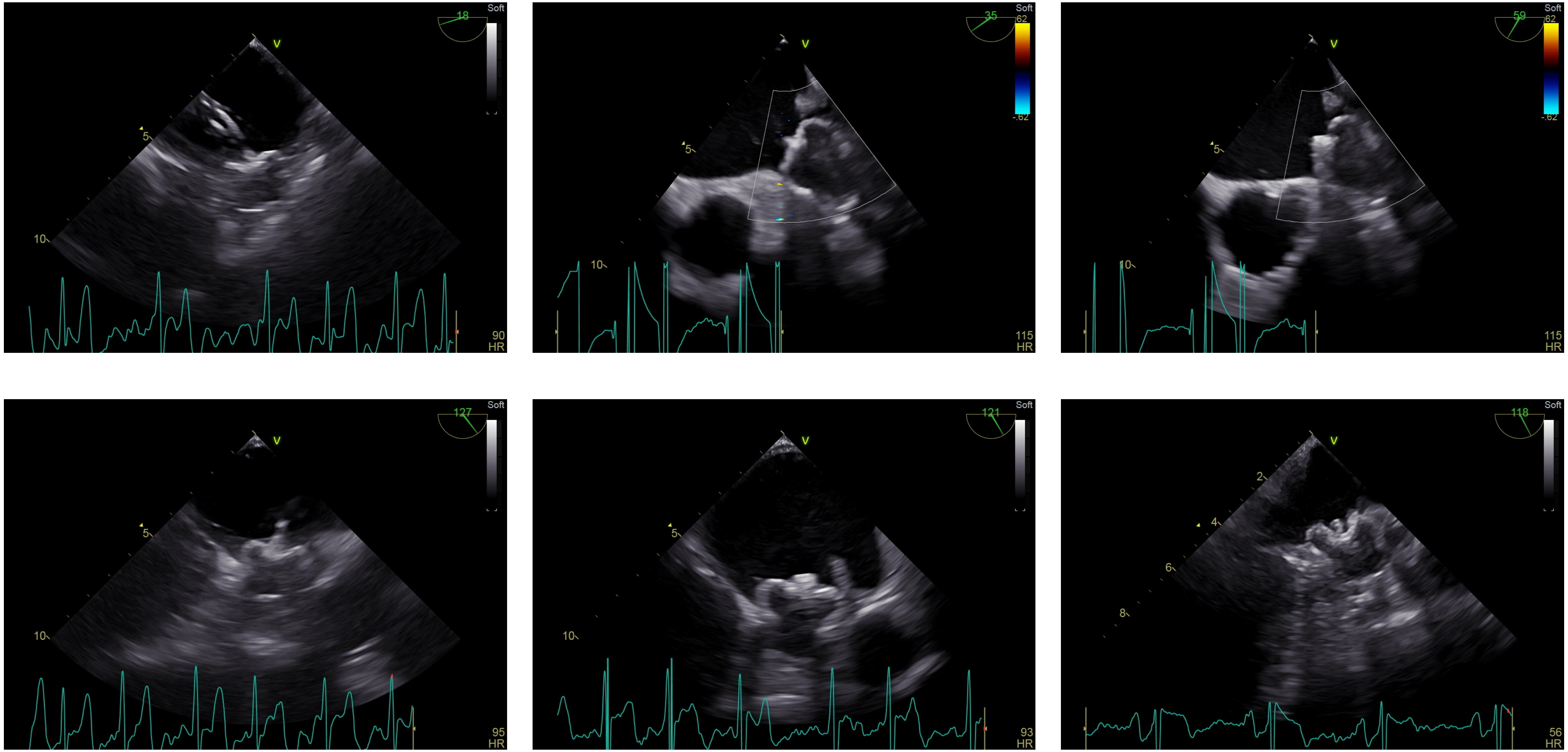

59
V
5
10
81
HR

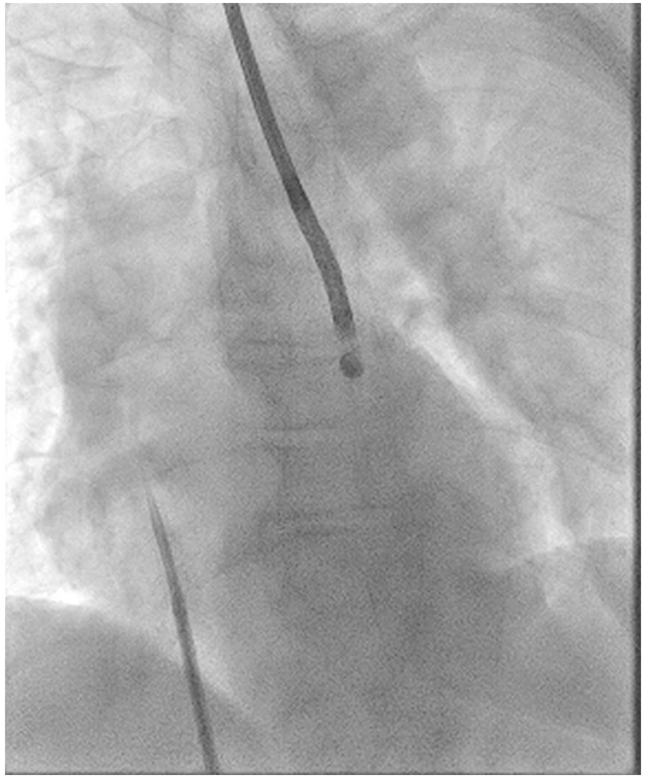

95
V
2
4
6
8
64
HR

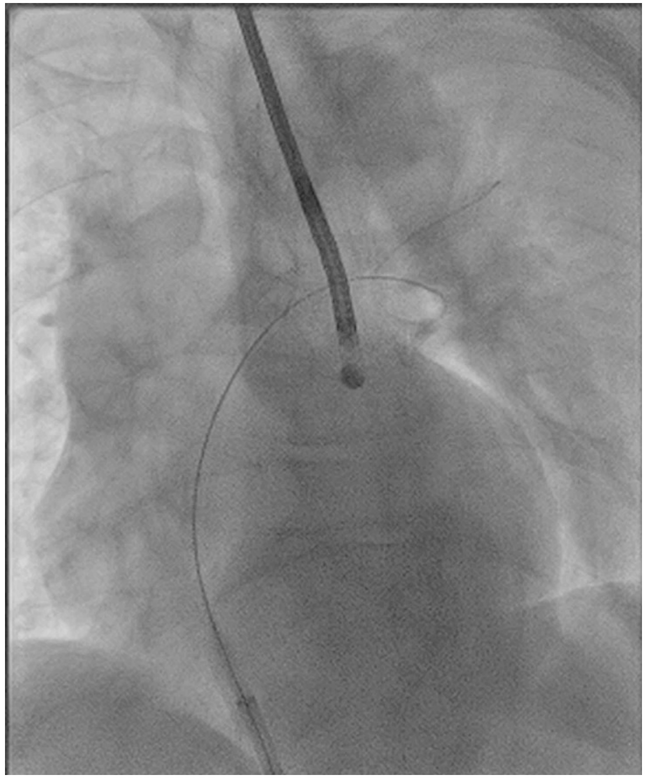

112
Soft
V
2
4
6
8
85
HR

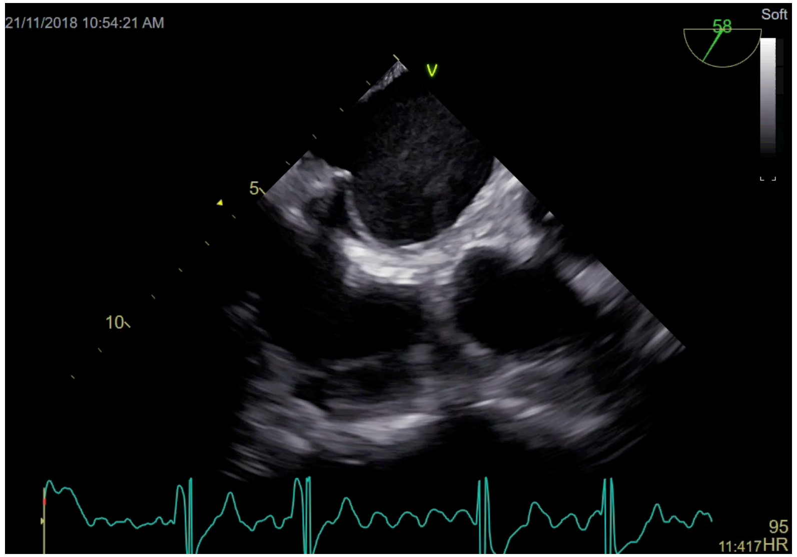

106
V
5
10
69
HR

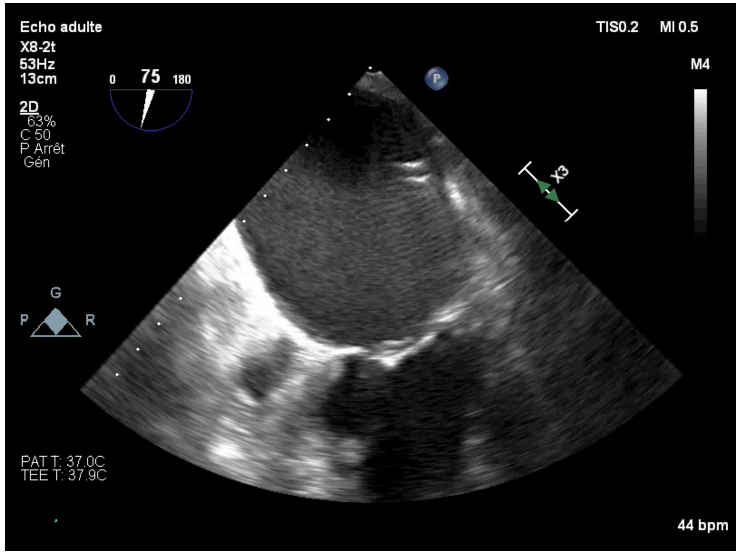

Soft
66
V
2
4
6
8
63
HR
Soft
88
V
2
4
6
8
54
HR
Soft
42
V
2
4
6
8
54
HR
Soft
121
V
2
4
6
8
54
HR

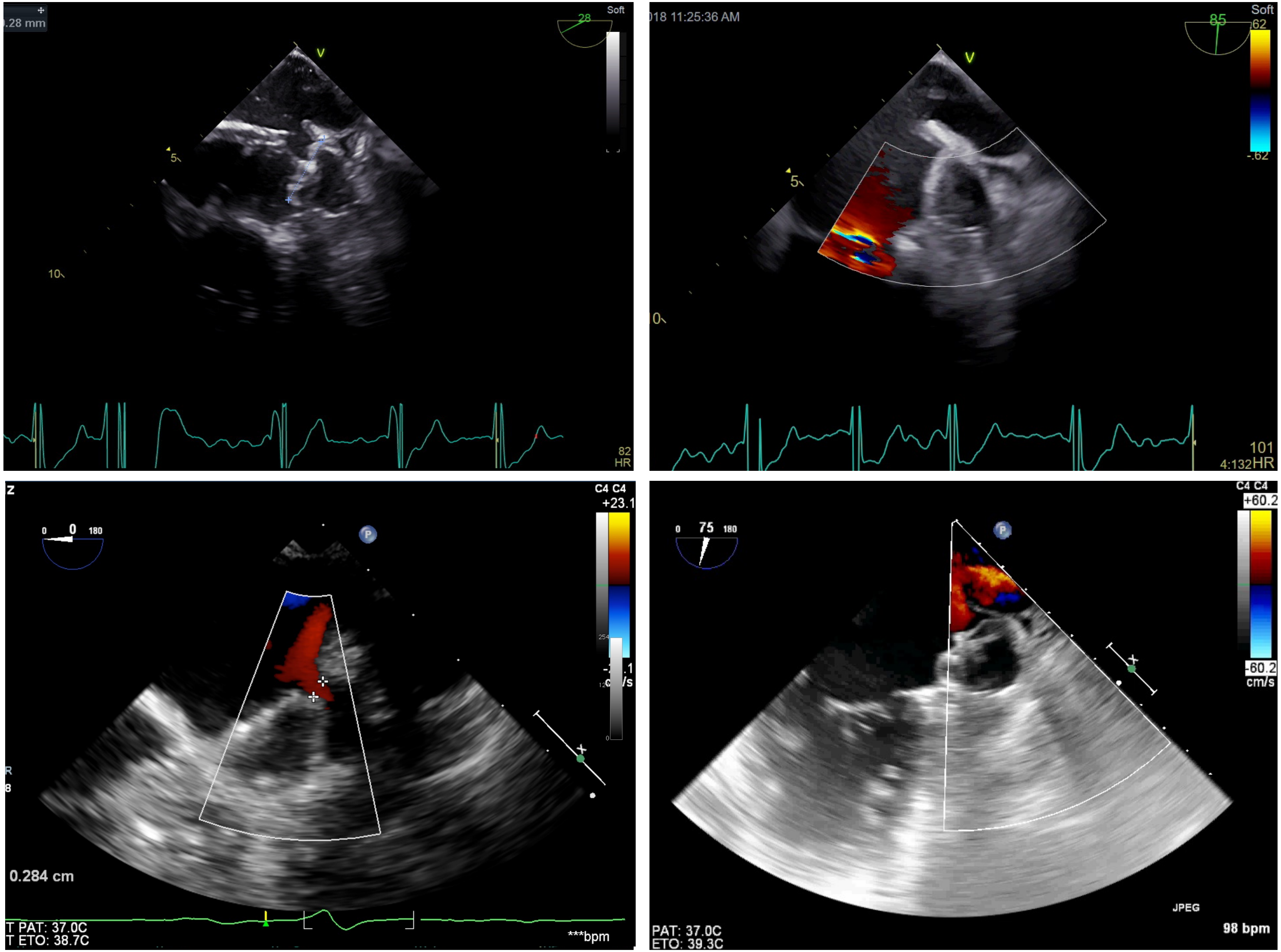

Soft
18
V
5
10
90
HR
Soft
35
62
-.62
V
5
10
115
HR
Soft
59
62
-.62
V
5
10
115
HR
Soft
127
V
5
10
95
HR
Soft
121
V
5
10
93
HR
Soft
118
V
2
4
6
8
56
HR



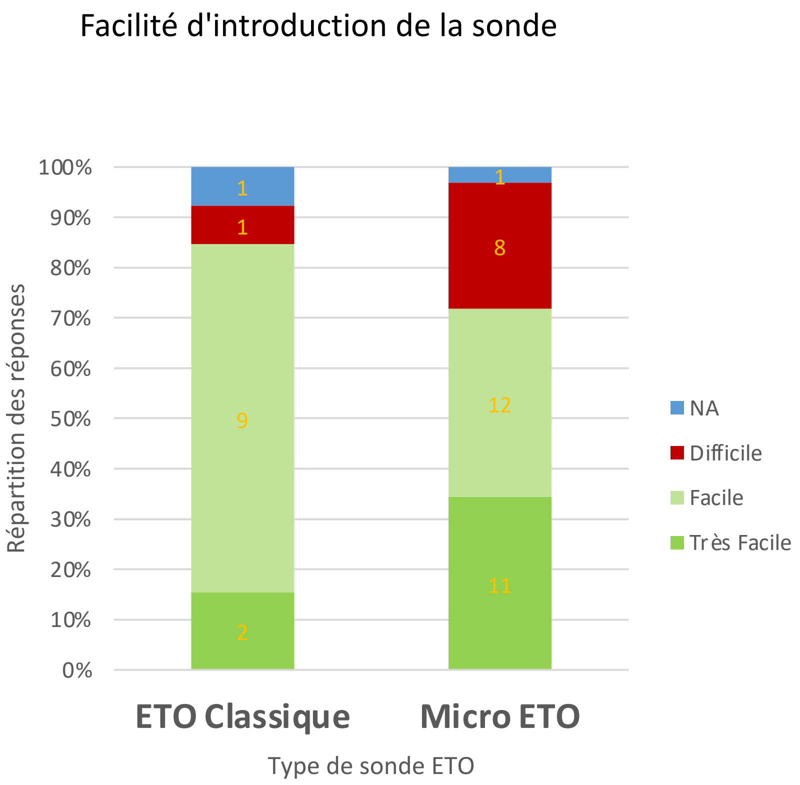



21/11/2018 10:54:21 AM
Soft
58
V
5
10
95
11:41
HR

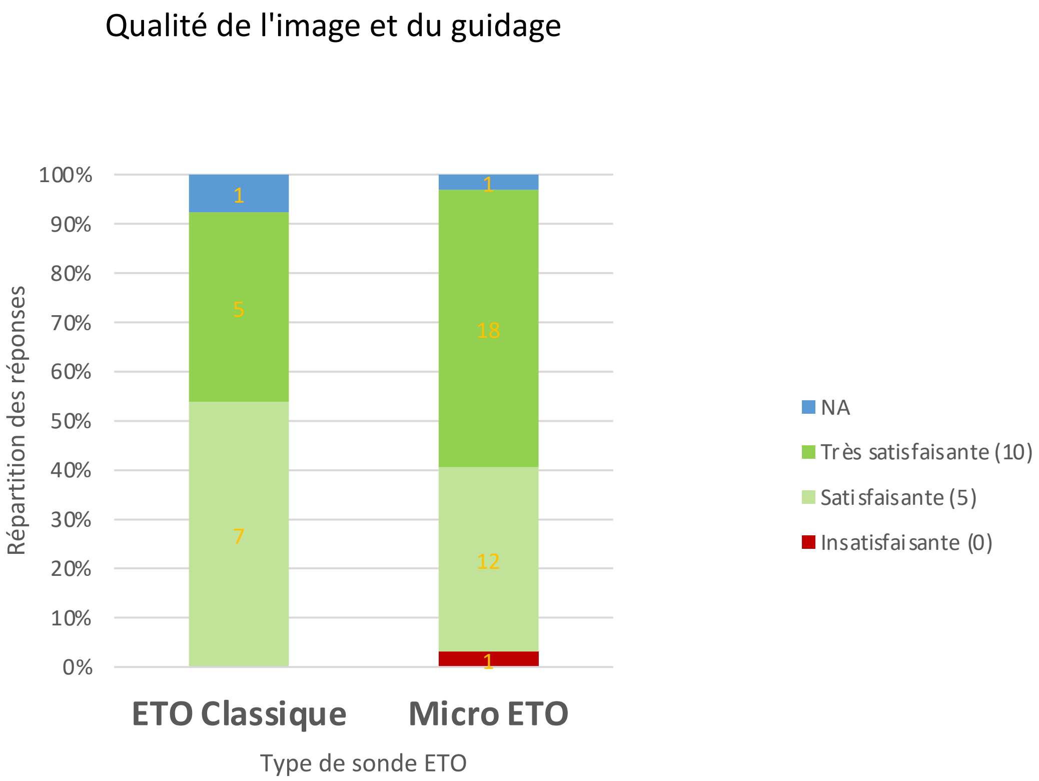

Echo adulte
X8-2t
53Hz
13cm
0
75
180
2D
63%
C 50
P Arrêt
Gén
TIS0.2
MI 0.5
M4
P
X3
G
P
R
PAT T: 37.0C
TEE T: 37.9C
44 bpm


.28 mm
28
Soft
V
5
10
82
HR
018 11:25:36 AM
85
Soft
.62
-.62
V
5
0
101
4:132HR
Z
0
0
180
P
C4 C4
+23.1
0.284 cm
T PAT: 37.0C
T ETO: 38.7C
***bpm
0
75
180
P
C4 C4
+60.2
-60.2
cm/s
JPEG
98 bpm
PAT: 37.0C
ETO: 39.3C

Perceptions échographiste



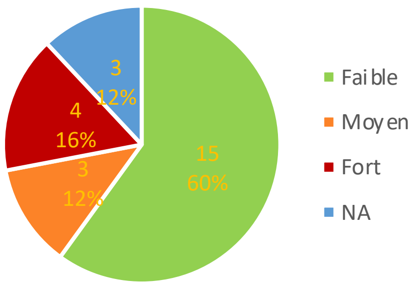
Facilité d'introduction de la sonde



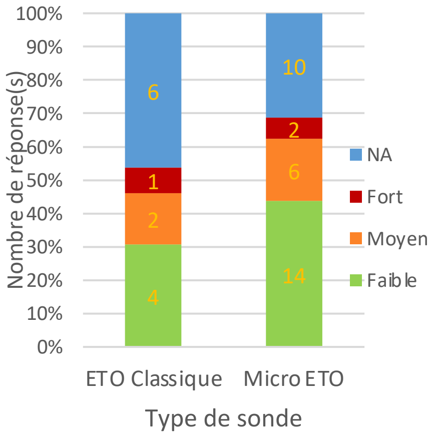
Qualité de l'image et du guidage

Perceptions patient

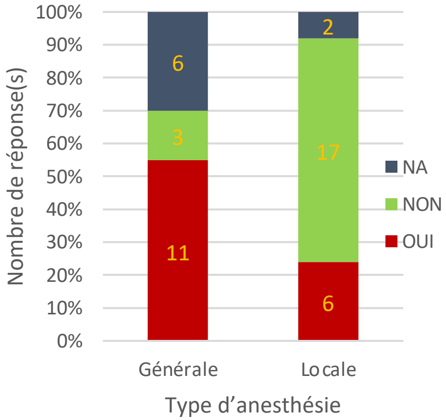
Gêne lors du positionnement de la sonde



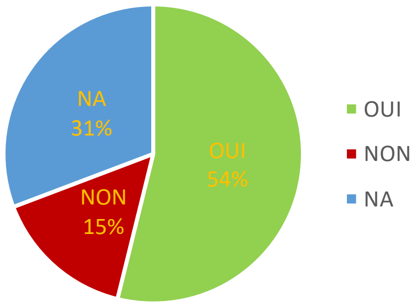
Niveau d'inconfort à la déglutition



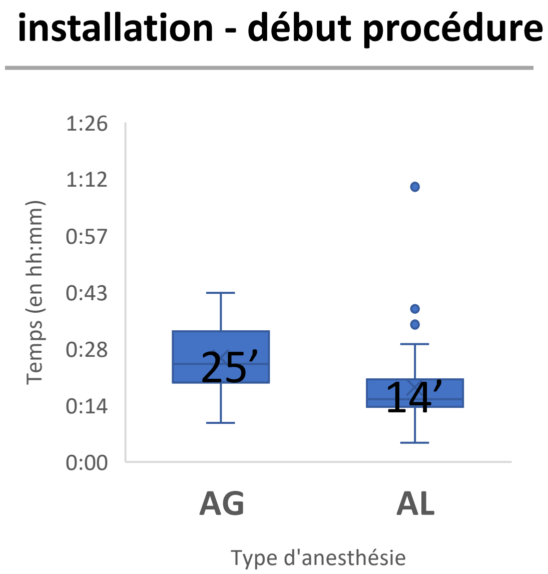
Choix du type d’anesthésie si nouvelle intervention



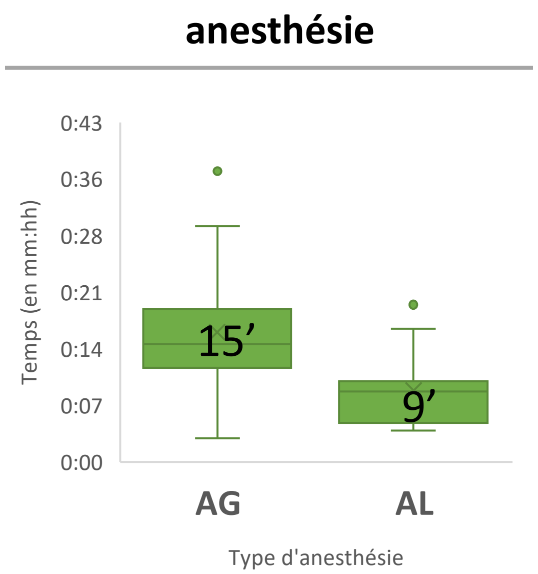
Recommandation de la micro-sonde ETO



préparation patient et occupation de la salle


installation - début procédure

Nombre de point : 75 sur 75
AG: 29 / AL: 46


anesthésie

Nombre de point : 56 sur 75
AG: 26 / AL: 30

- -18 minutes
- (-20%)
- Passage de 3 à 5 (6) procédures/ vacation

- Anesthésiste = 0
- IADE = 0
- SSPI=0

Besoins de l’ETO pour un interventionnel

	FOP	FAG	Mini-ETO
Visualisation SIA	+	+	✓
Securisation ponction SIA	NA	+	✓
Thrombus intracavitaire	NA	+	✓
Choix prothèse	+	+/-	✓
Positionnement prothèse	+	+	✓
Stabilité prothèse	+	+	✓
Evaluation fuites	NA	+	✓
complication	+	+	✓
confort patient			👍
occupation cathlab			👍
besoins anesthésique			👍