



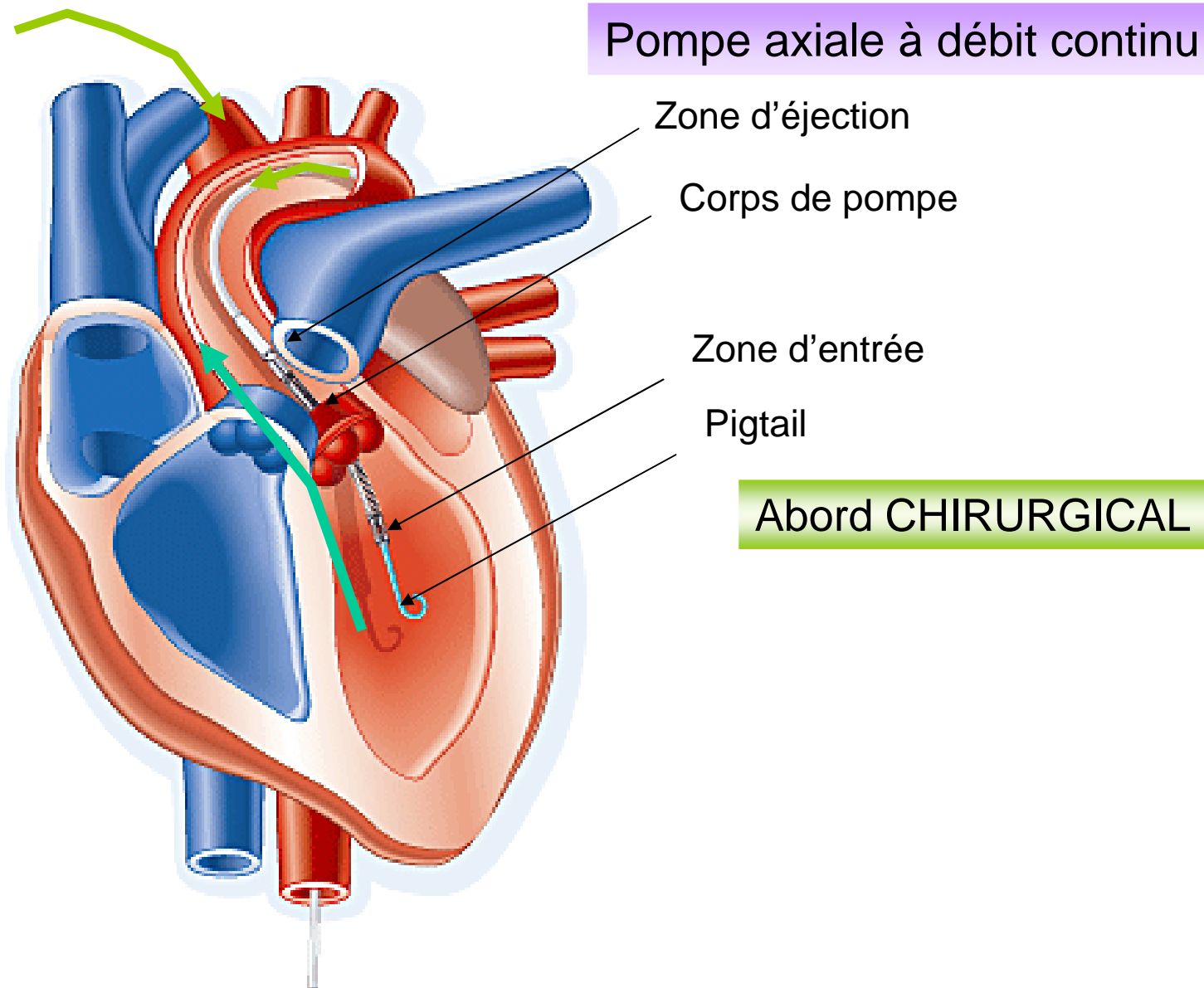
IMPELLA 5.0 : EXPERIENCE

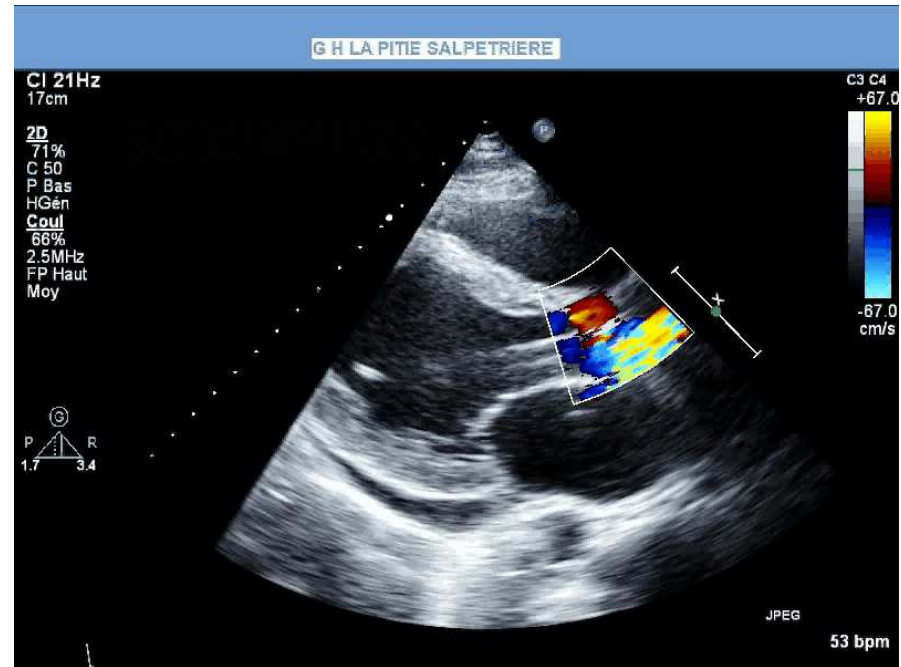
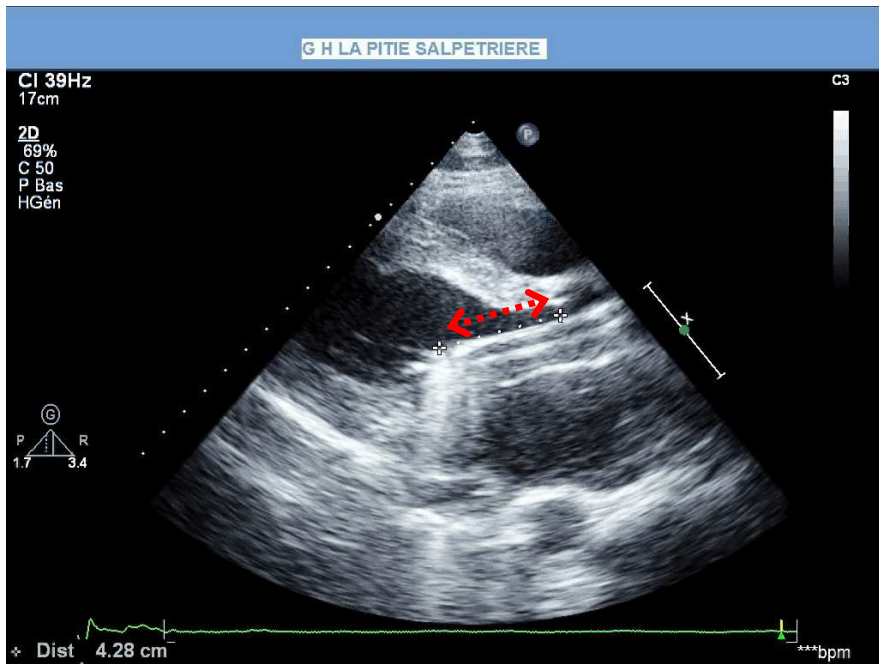
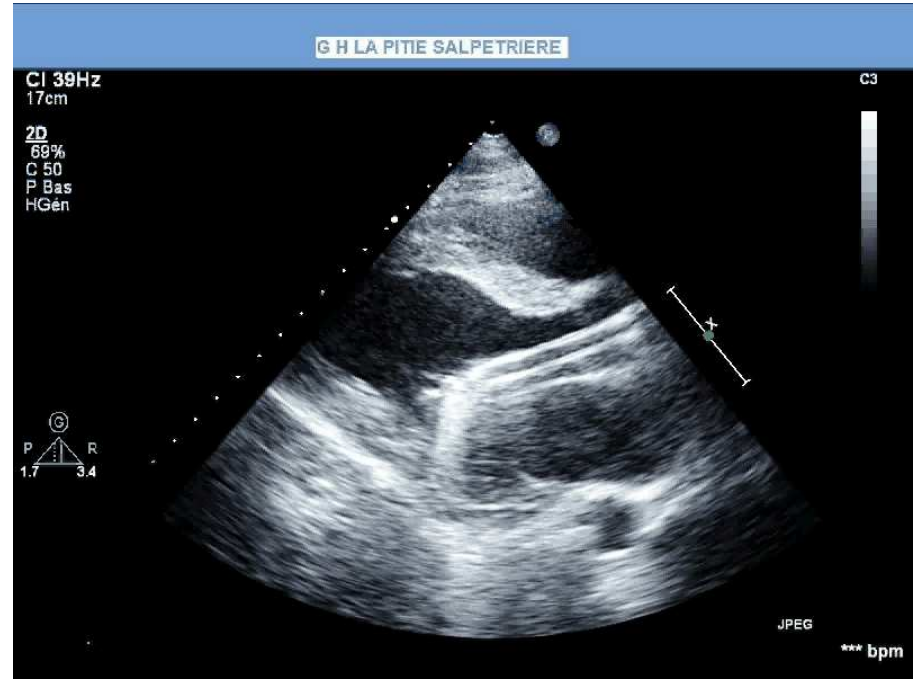
Astrid Quessard

Département d'Anesthésie Réanimation
Institut de Cardiologie
Groupe Hospitalier La Pitié Salpêtrière
Paris

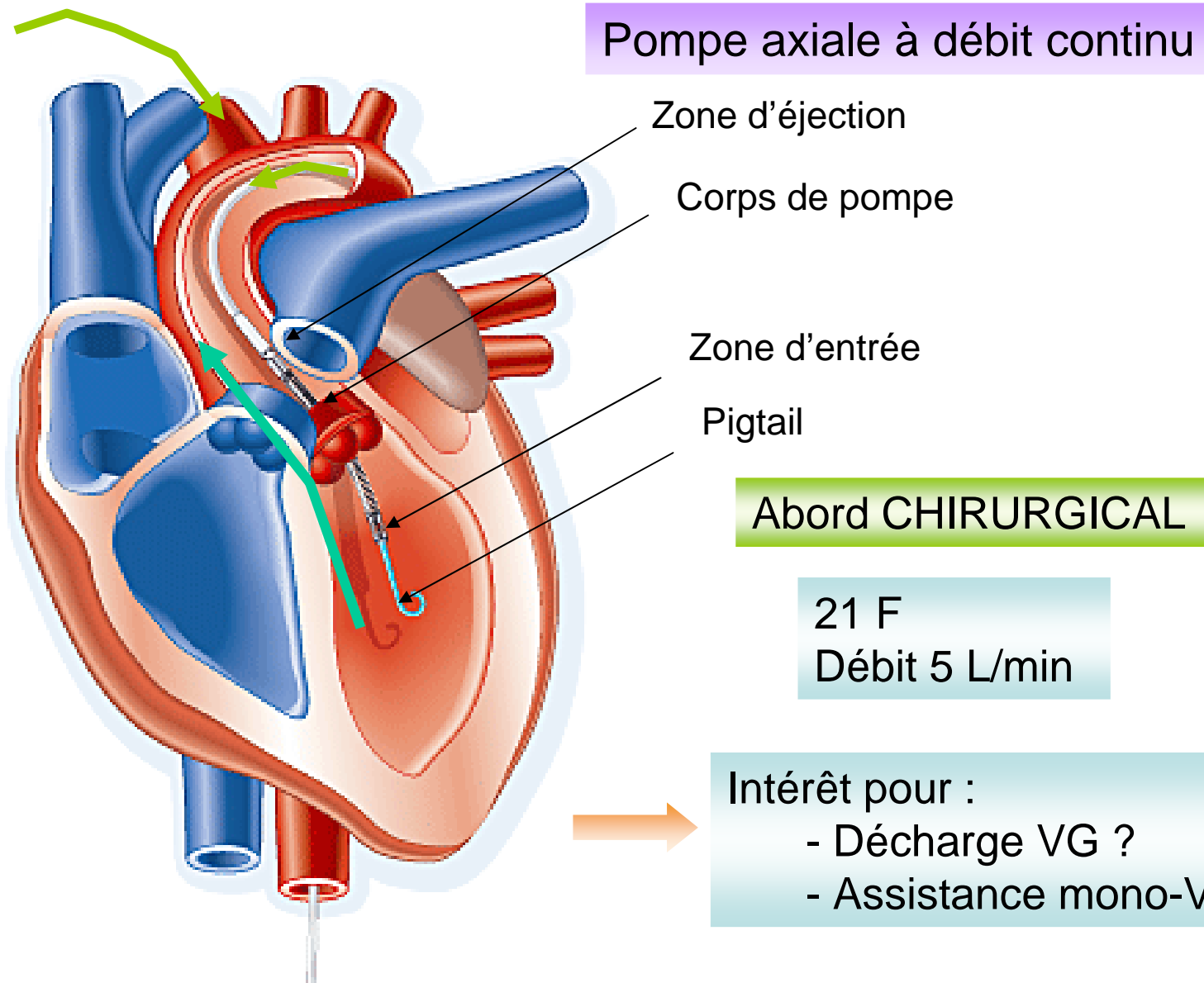


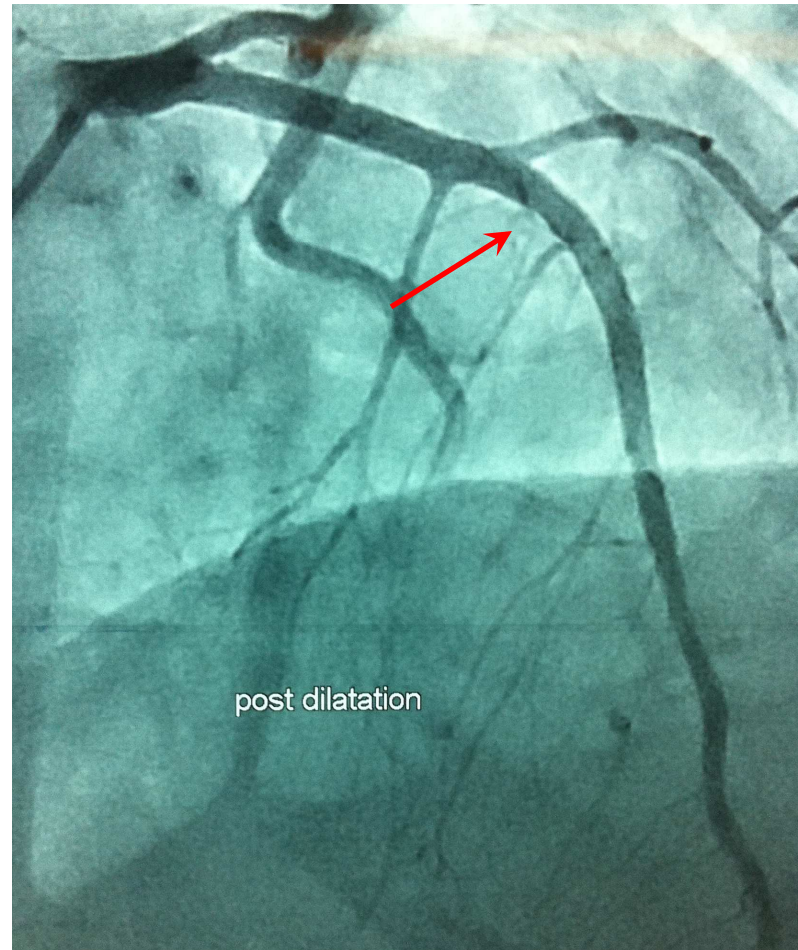
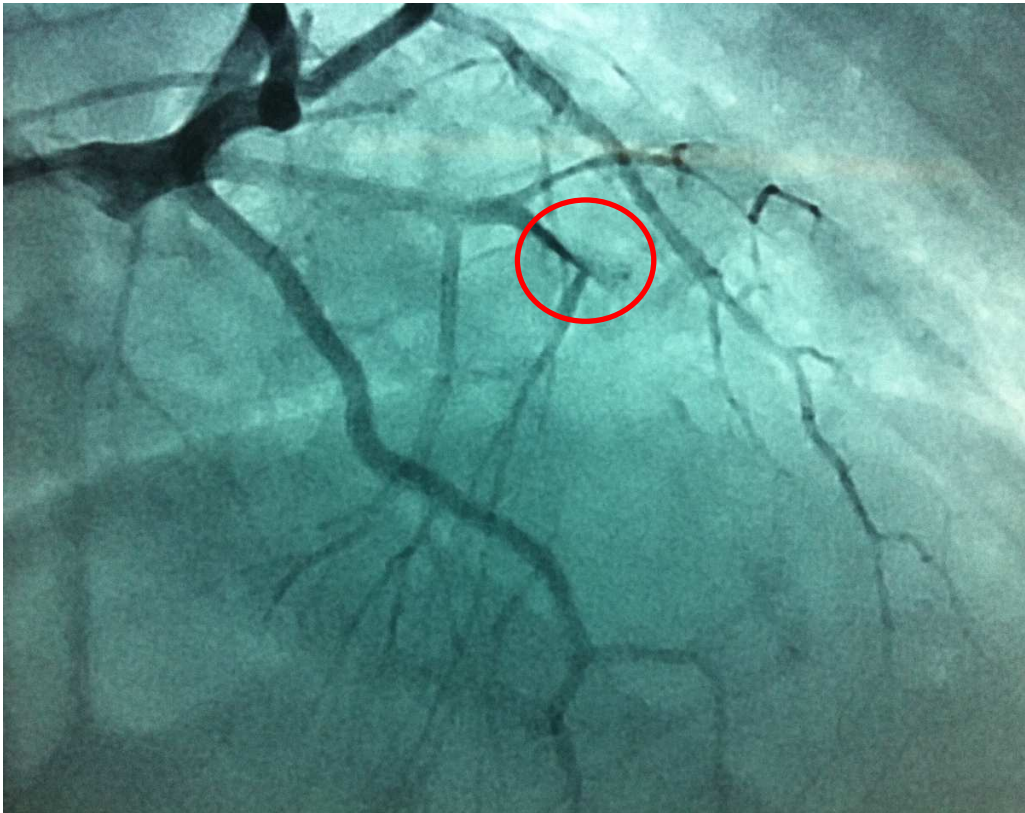
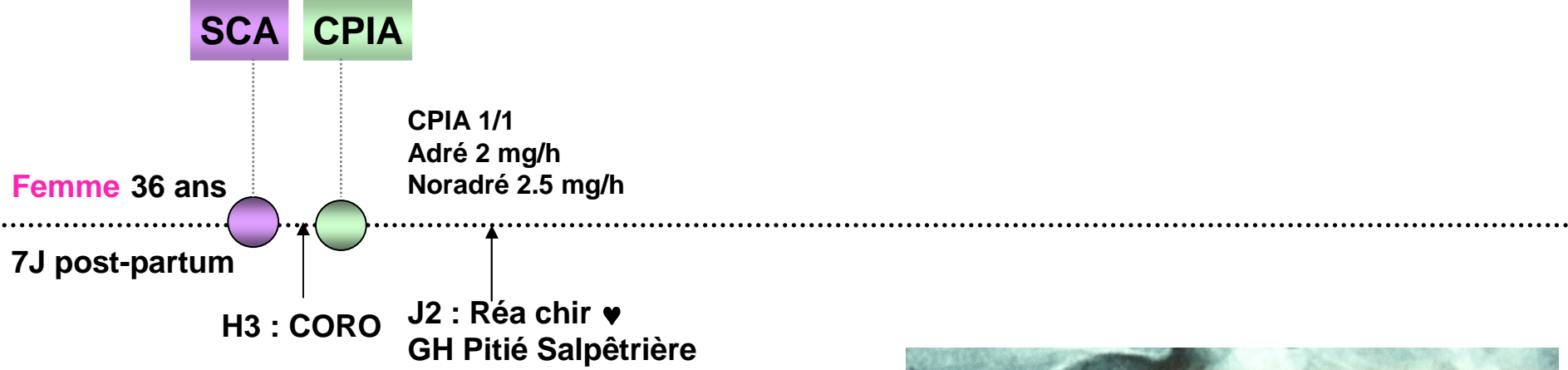
IMPELLA 5.0 : comment ça marche ?

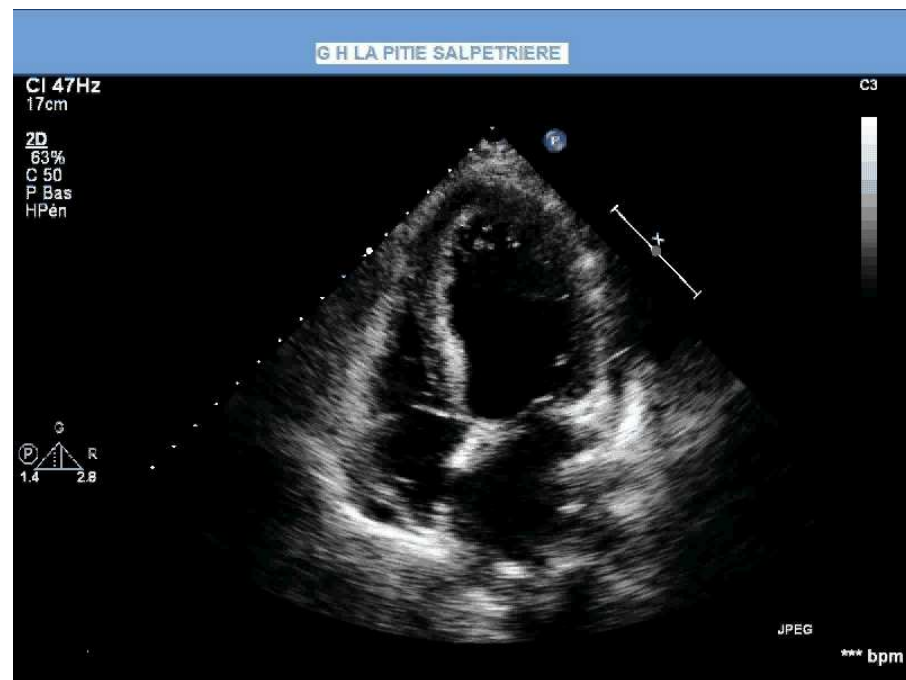
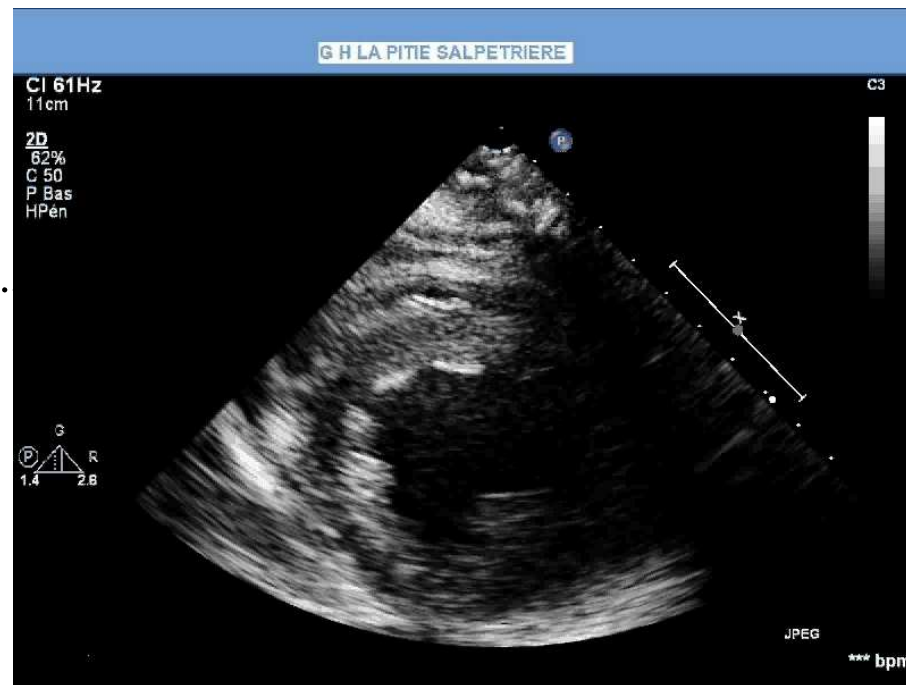
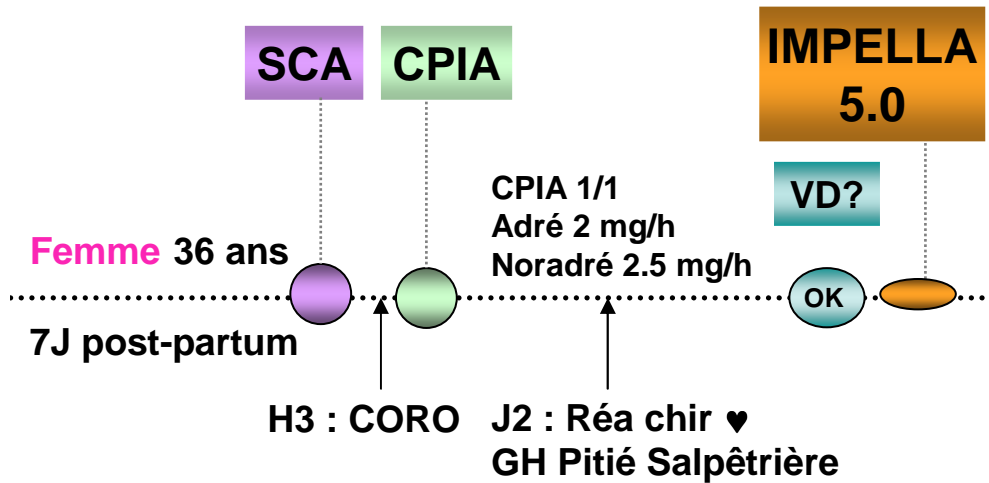




IMPELLA 5.0 : comment ça marche ?



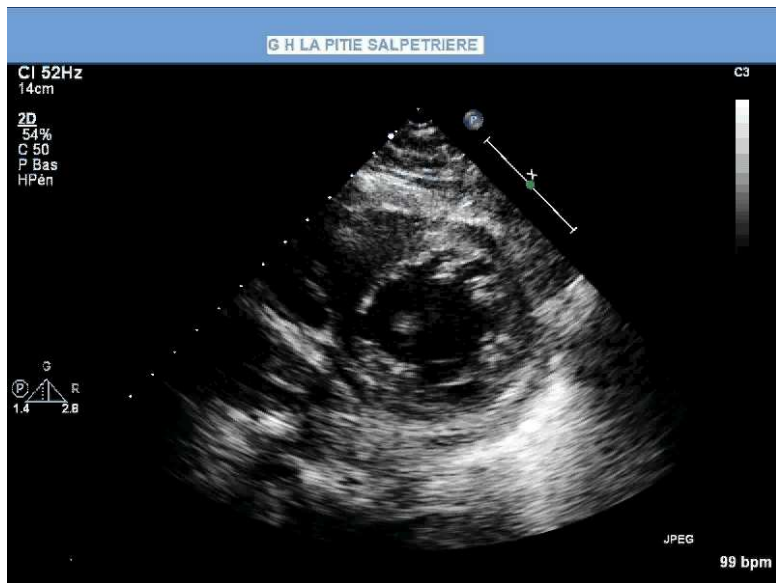




J4

Impella P 7
Adré 1.1 mg/h

ITVsAo 8.9 cm
FEVG 40%



J6

Impella P 7
Adré 0.2 mg/h

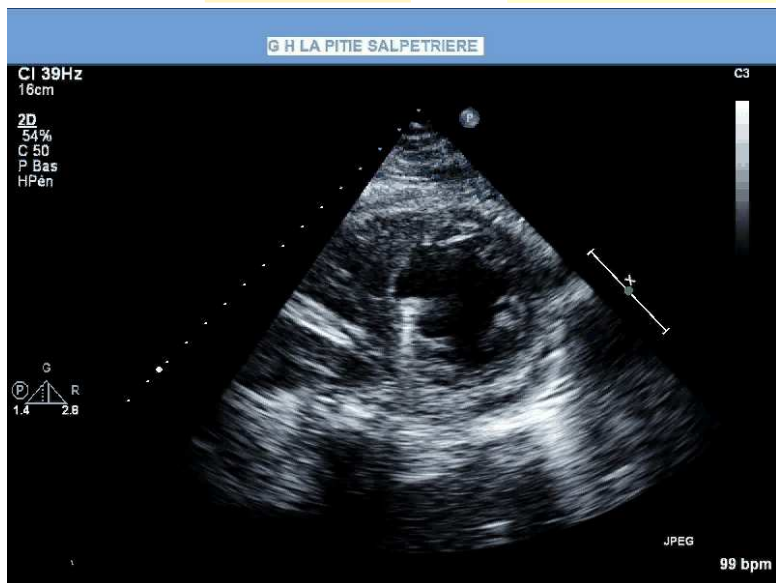
ITVsAo 10.8 cm
FEVG 40%



J8

Impella P 6
~~Adré~~

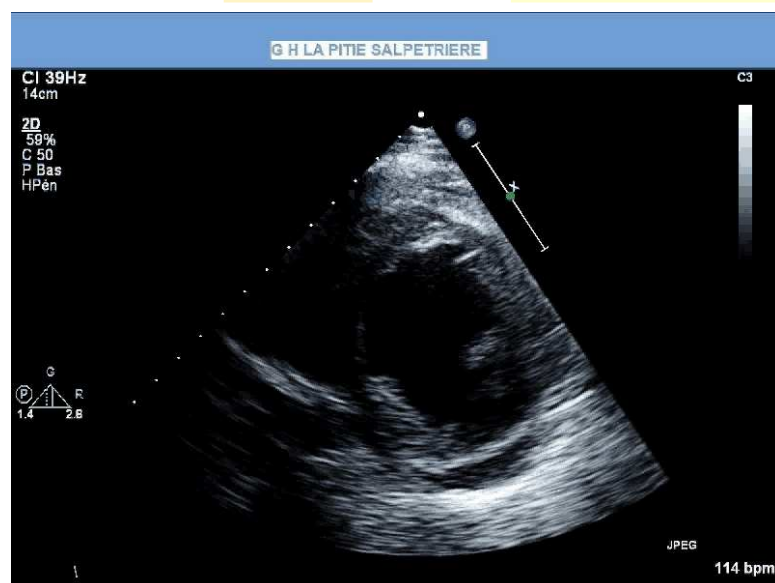
ITVsAo 10.8 cm
FEVG 42%



J10

~~Impella~~
~~Adré~~

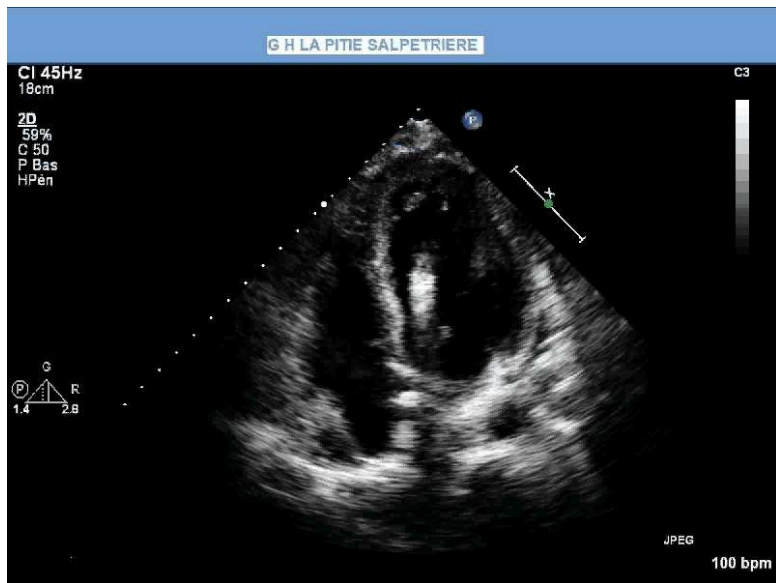
ITVsAo 18.9 cm
FEVG 40%



J4

Impella P 7
Adré 1.1 mg/h

ITVsAo 8.9 cm
FEVG 40%



J6

Impella P 7
Adré 0.2 mg/h

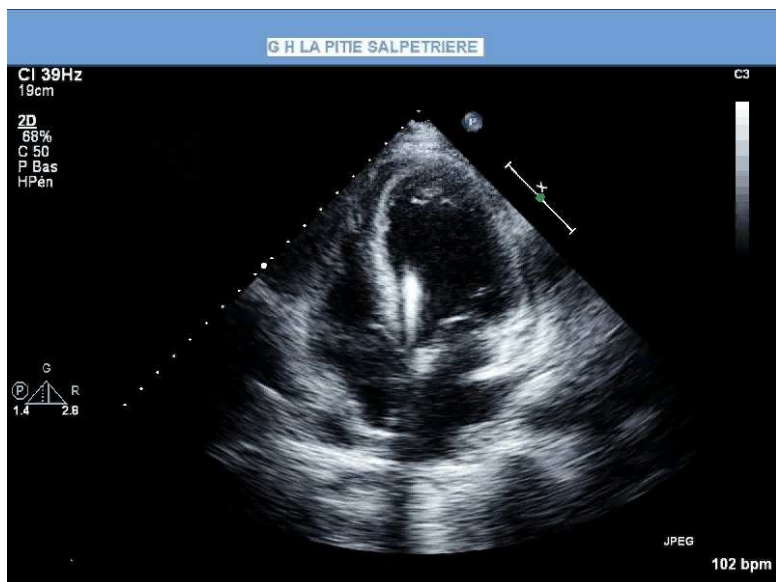
ITVsAo 10.8 cm
FEVG 40%



J8

Impella P 6
~~Adré~~

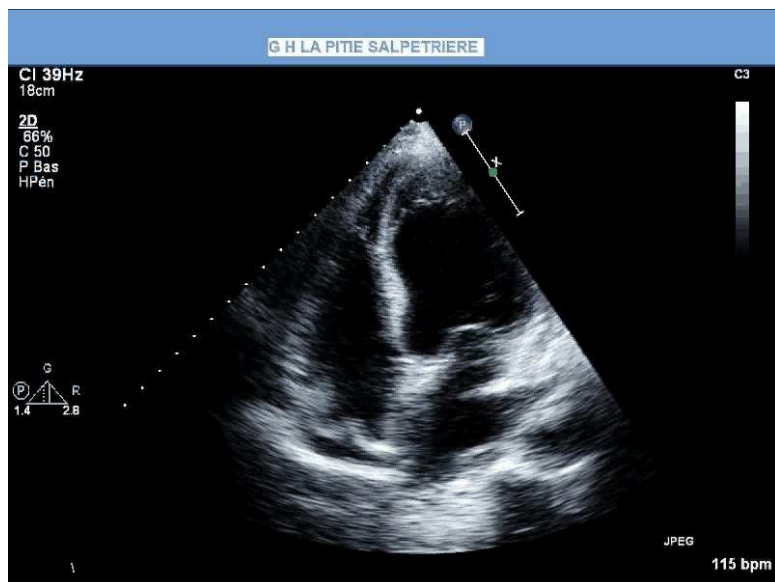
ITVsAo 10.8 cm
FEVG 42%

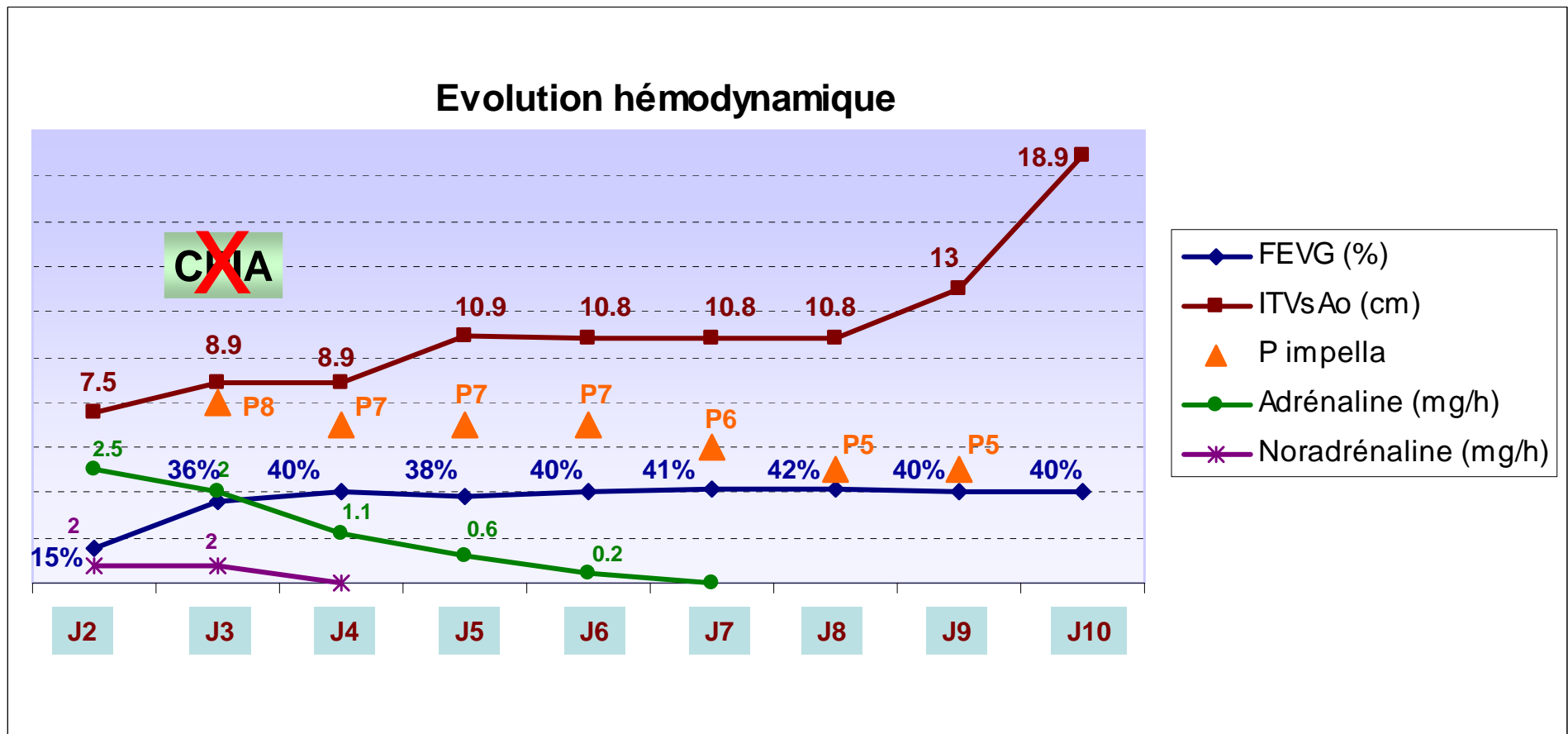
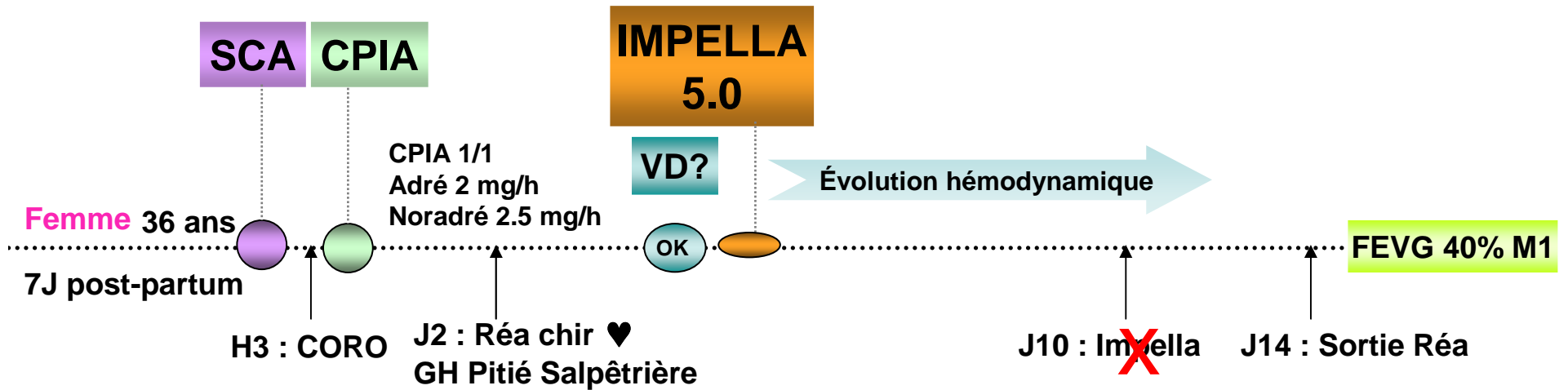


J10

~~Impella~~
~~Adré~~

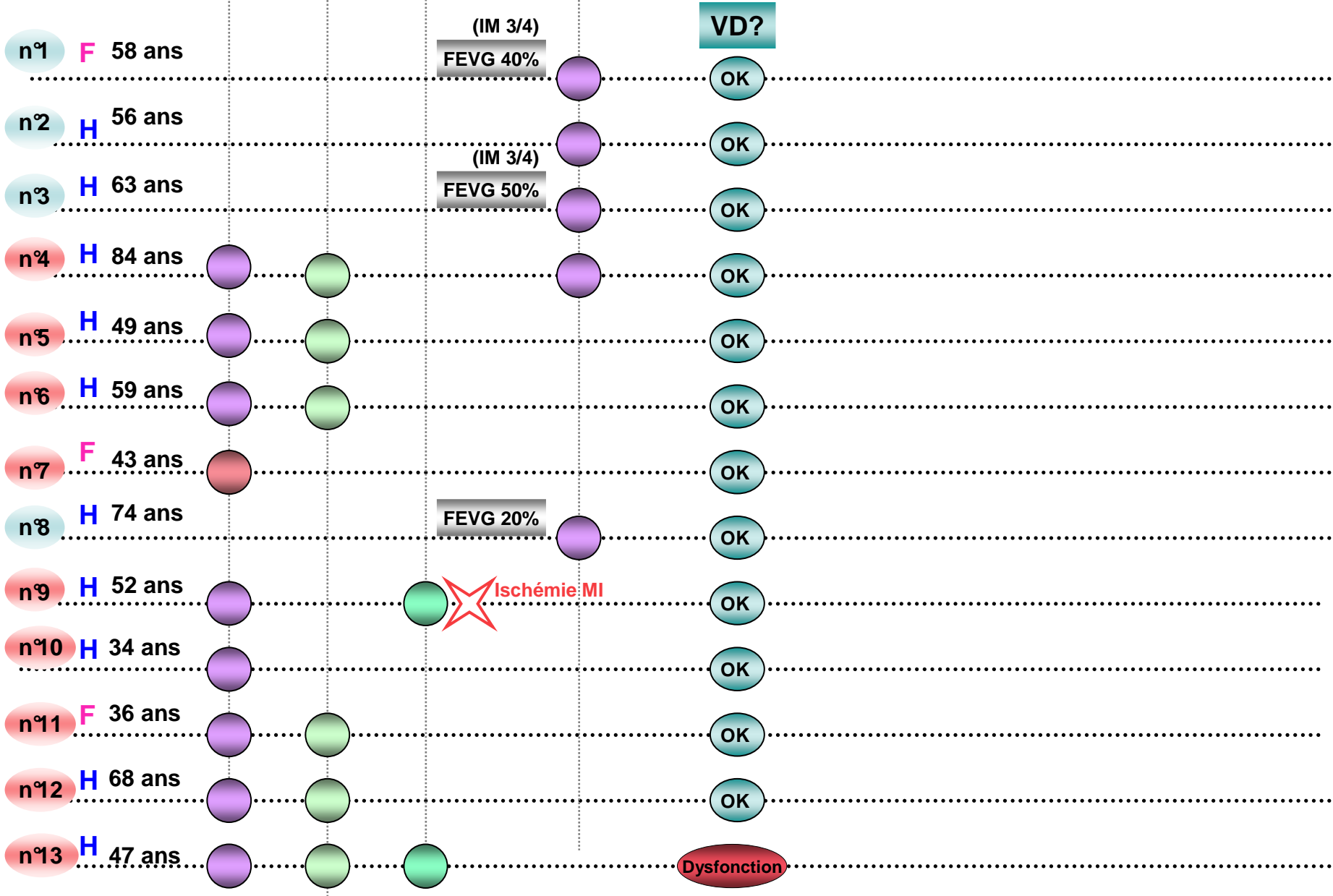
ITVsAo 18.9 cm
FEVG 40%



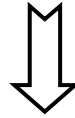


SCA **CPIA** **ECLS** **Chirurgie**
(sous CEC)

Myocardite

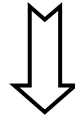


IMPELLA 5.0



ASSISTANCE MONO-VENTRICULAIRE G (n = 12)

DECHARGE VENTRICULAIRE G (n = 1)



PROCEDURE

Abord

**Axillaire D
(n = 12)**

**Fémoral D
(n = 1)**

Durée implantation

**113 min
(45-175)**

**Incident grave
per - procédure**

AUCUN

IMPELLA 5.0

COMPLICATIONS

Hémorragie
(site insertion)

Hémolyse transitoire
(⇒ ajustement position)

Dysfonction
(⇒ ablation)

Surinfection
(⇒ ablation)

Paresthésies
Membre sup droit

n°1 F 58 ans



n°2 H 56 ans

Thrombus



n°3 H 84 ans

n°4 H 63 ans

n°5 H 49 ans



n°6 H 59 ans



n°7 F 43 ans



n°8 H 74 ans



n°9 H 52 ans

n°10 H 34 ans

Thrombus



n°11 F 36 ans

n°12 H 68 ans

n°13 H 47 ans



IMPELLA 5.0

COMPLICATIONS

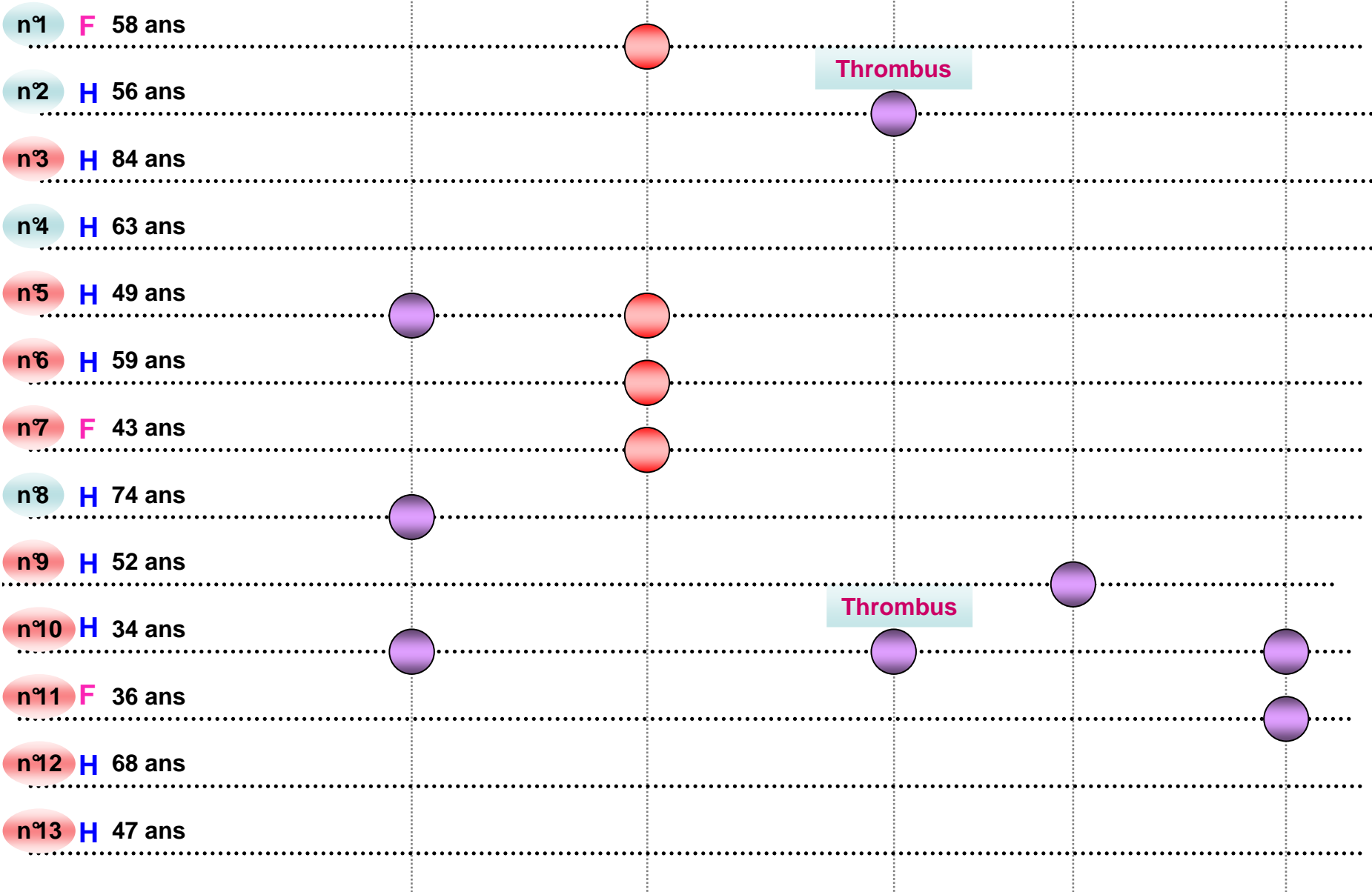
Hémorragie
(site insertion)

Hémolyse transitoire
(⇒ ajustement position)

Dysfonction
(⇒ ablation)

Surinfection
(⇒ ablation)

Paresthésies
Membre sup droit



IMPELLA 5.0

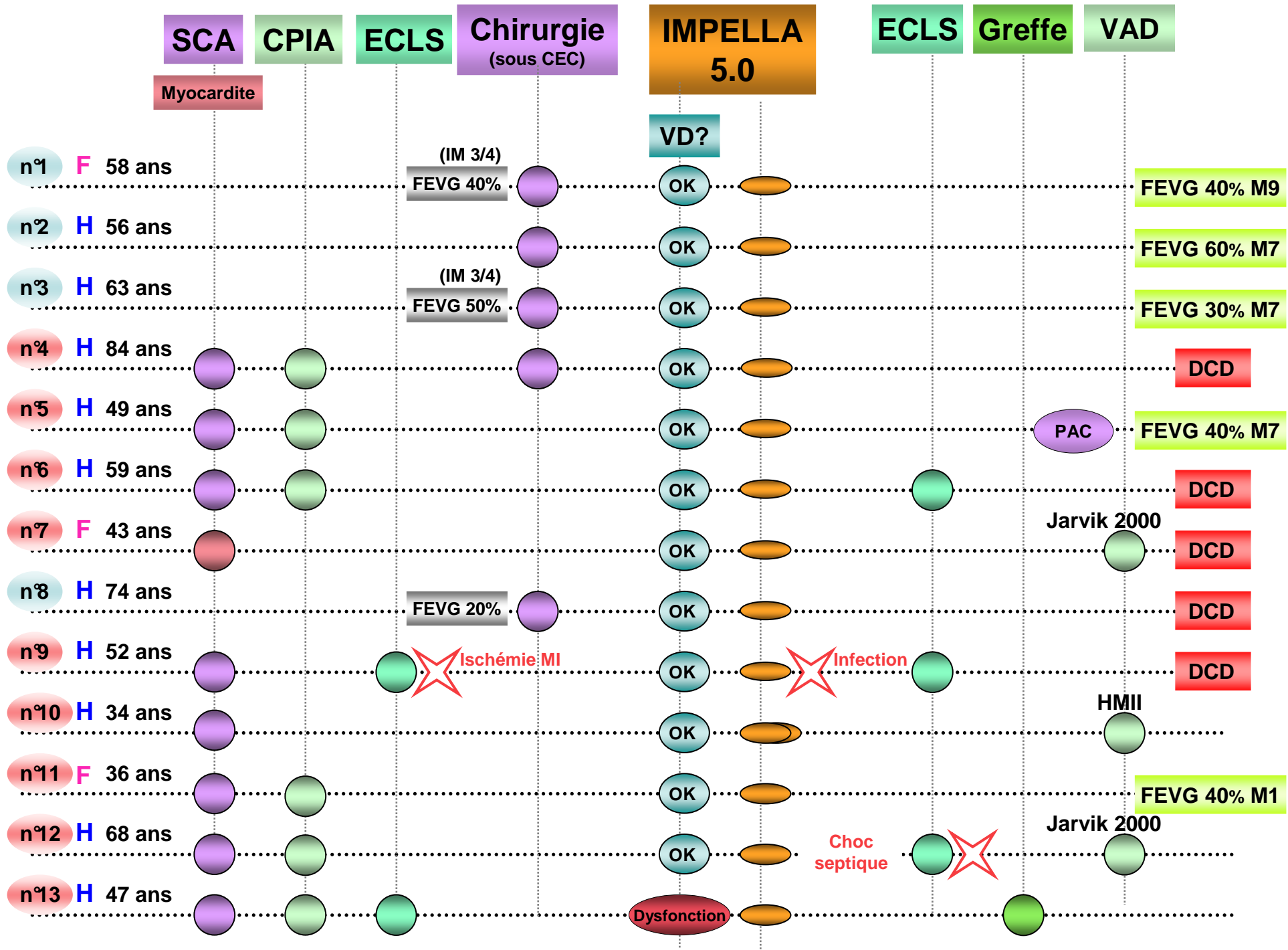
SEJOUR EN REA

Assistance

Ventilation Mécanique

Séjour Réanimation

	Assistance	Ventilation Mécanique	Séjour Réanimation	DCD
n°1 F 58 ans	9 j	2 j	16 j	
n°2 H 56 ans	9 j	10 j	32 j	
n°3 H 84 ans	3 j	13 j	19 j	
n°4 H 63 ans	1 j	4 j	4 j	DCD
n°5 H 49 ans	10 j	10 j	23 j	
n°6 H 59 ans	7 j	14 j	14 j	DCD
n°7 F 43 ans	11 j	2 j	43 j	DCD
n°8 H 74 ans	1 j	1 j	1 j	DCD
n°9 H 52 ans	9 j	23 j	23 j	DCD
n°10 H 34 ans	20 j	2 j	26 j	
n°11 F 36 ans	8 j	8 j	14 j	
n°12 H 68 ans	27 j			
n°13 H 47 ans	18 j			

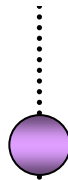


Homme

34 ans

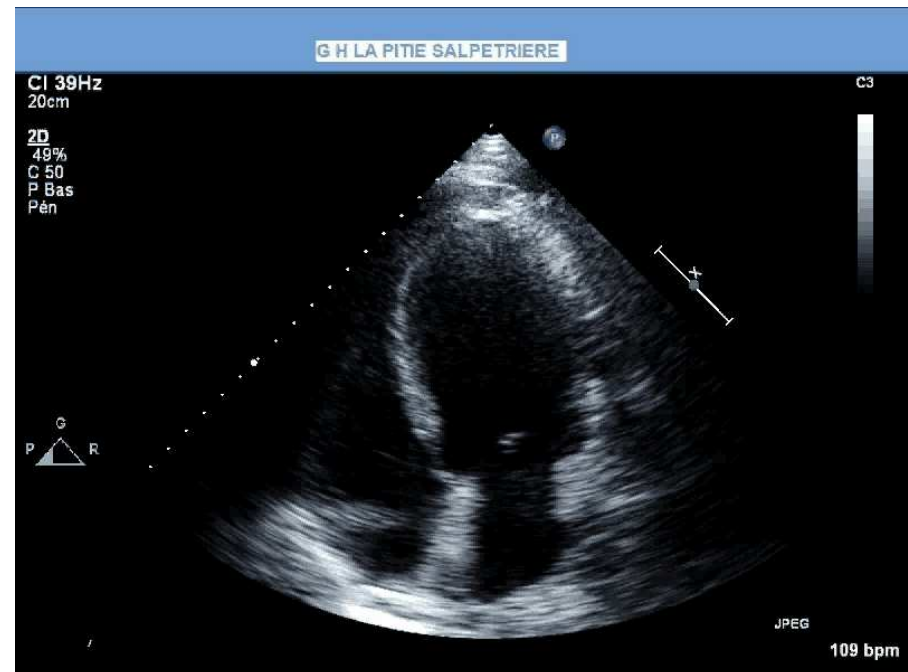
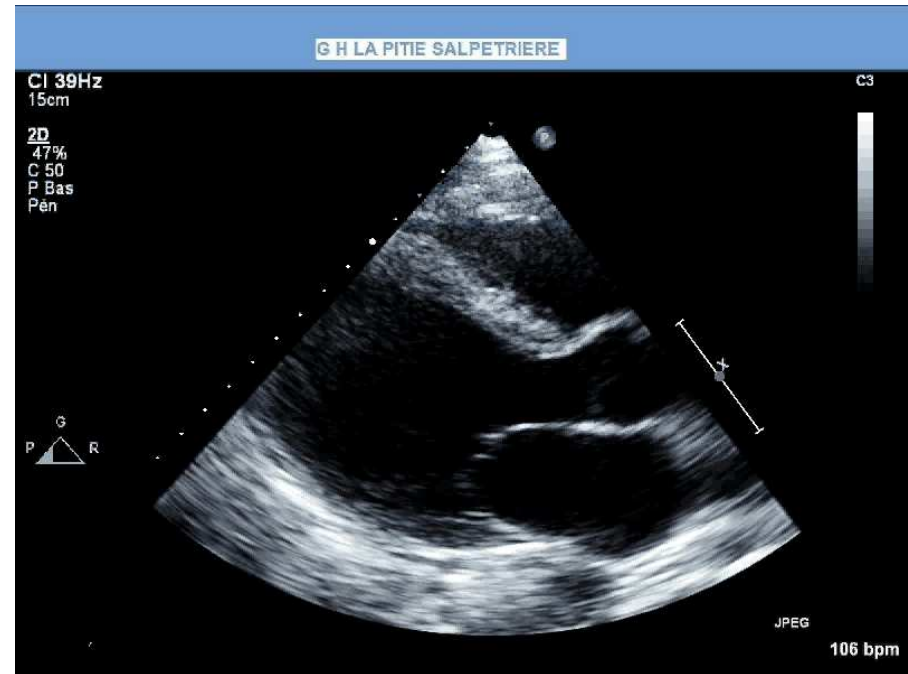
H11 : CORO →

J2 : REA CHIR ♥ →
GH Pitié Salpêtrière



SCA

Dobu 10 µg/kg/mn

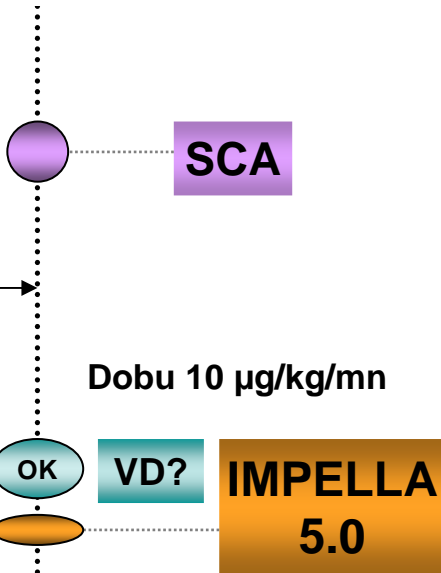


Homme

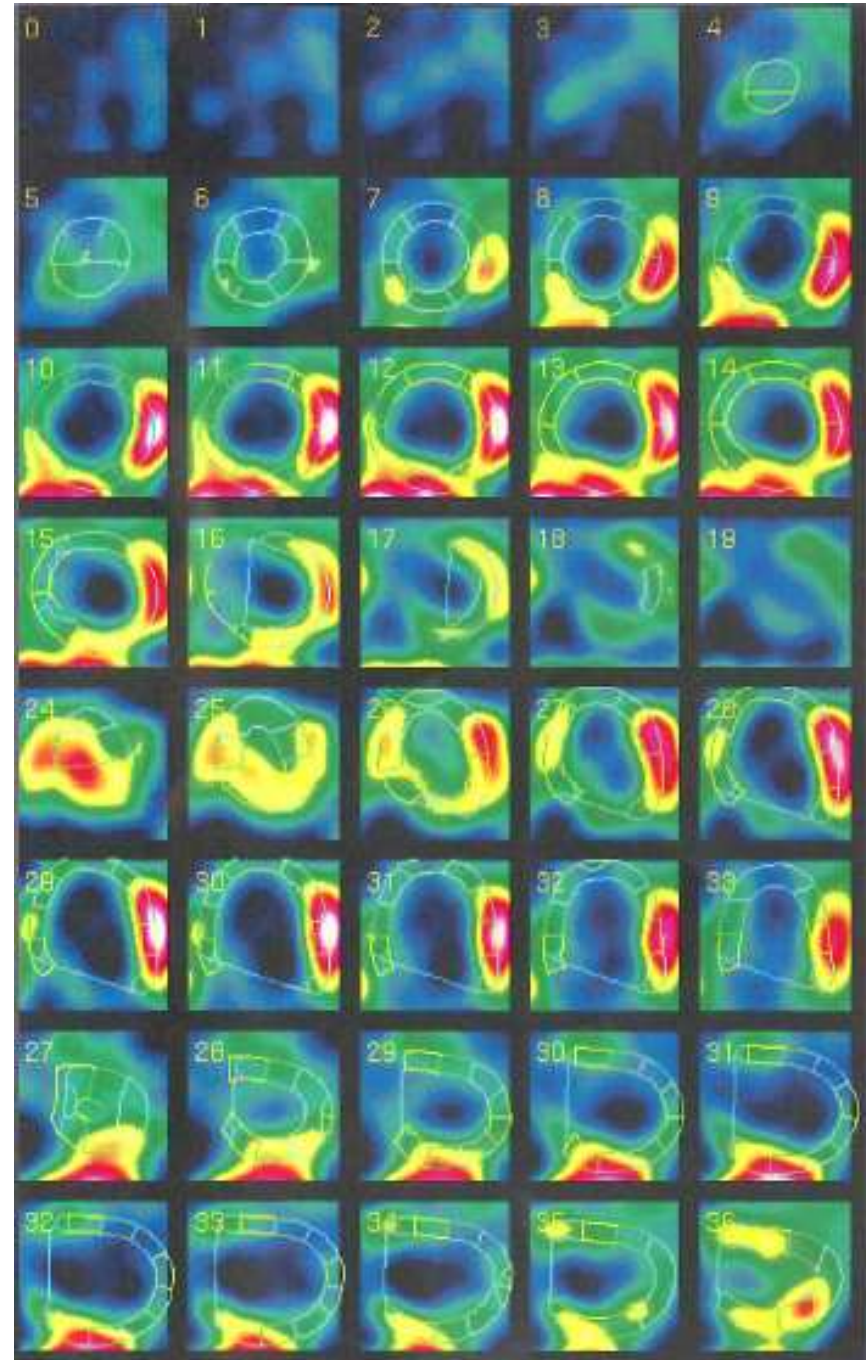
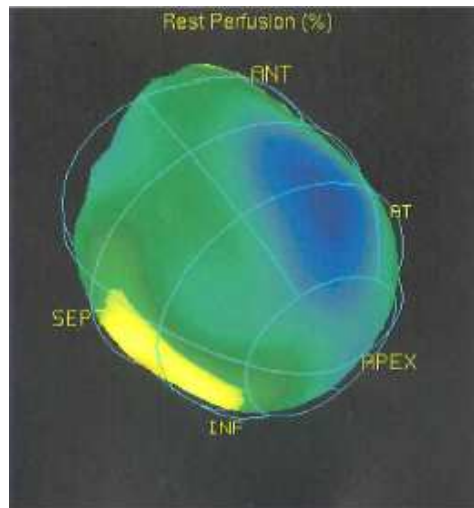
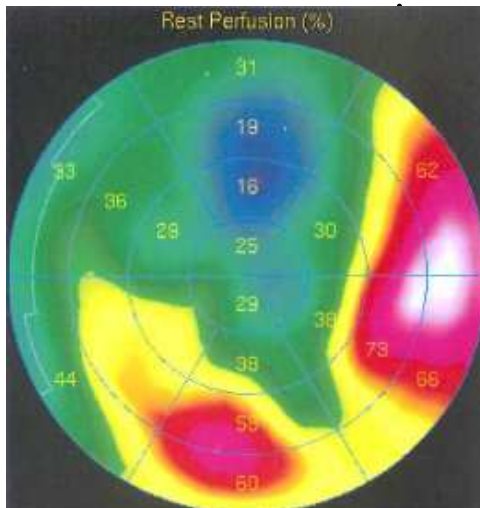
34 ans

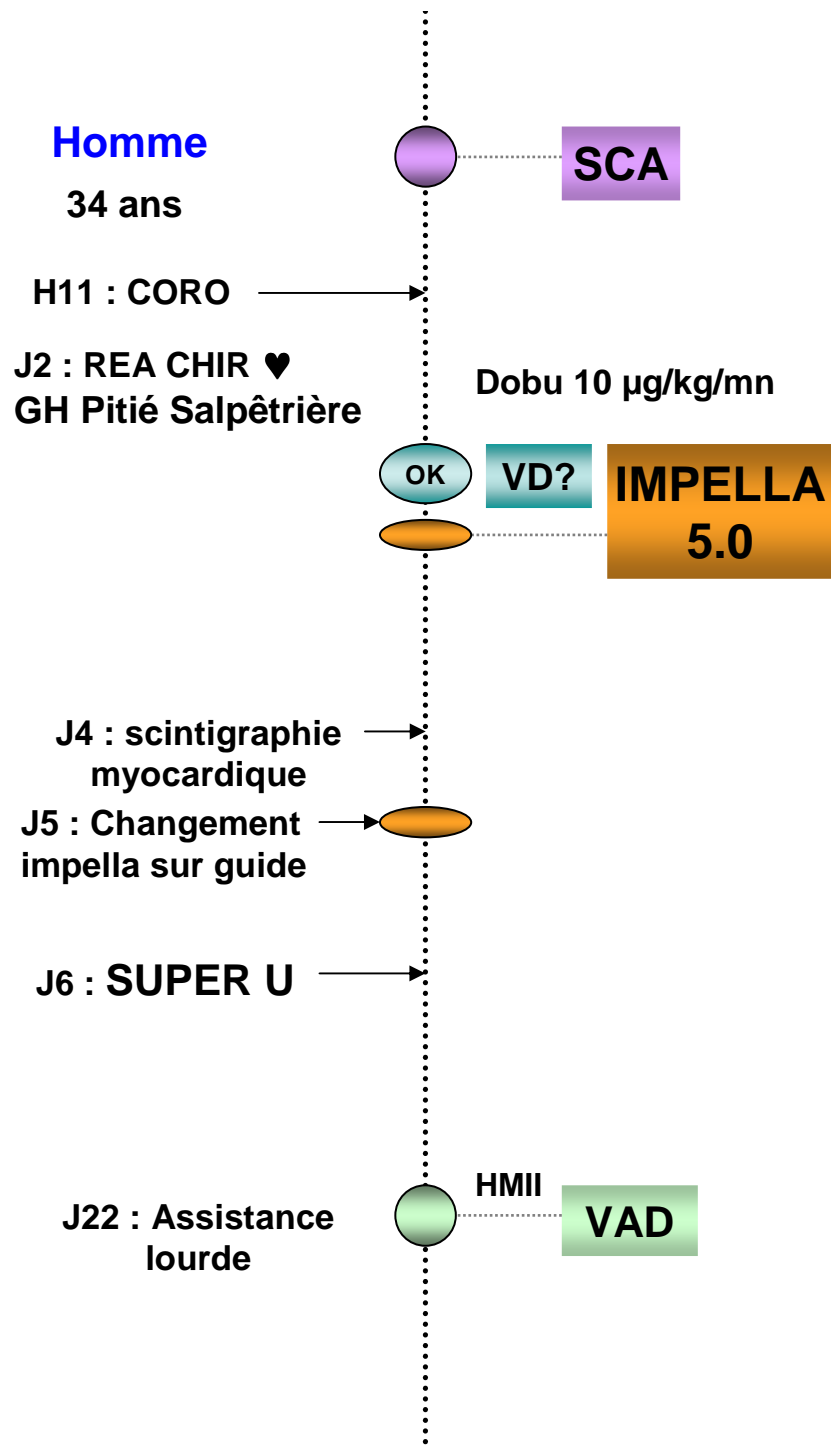
H11 : CORO

J2 : REA CHIR ♥
GH Pitié Salpêtrière



J4 : scintigraphie
myocardique







Conclusion

INTERET IMPELLA 5.0 :



Assistance mono-ventriculaire G de courte durée
Décharge ventriculaire gauche





Conclusion

DEVELOPPEMENT INDICATIONS IMPELLA LP 5.0 :

Défaillance ventriculaire gauche

Post-cardiotomie

Post-infarctus du myocarde

