

Cardiologie Interventionnelle Structurale et Urgences

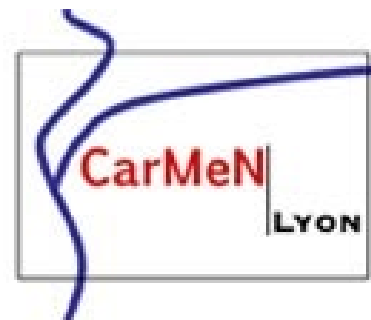
Xve CARDIORUN, 28 Septembre 2023

Gilles Rioufol MD, PhD

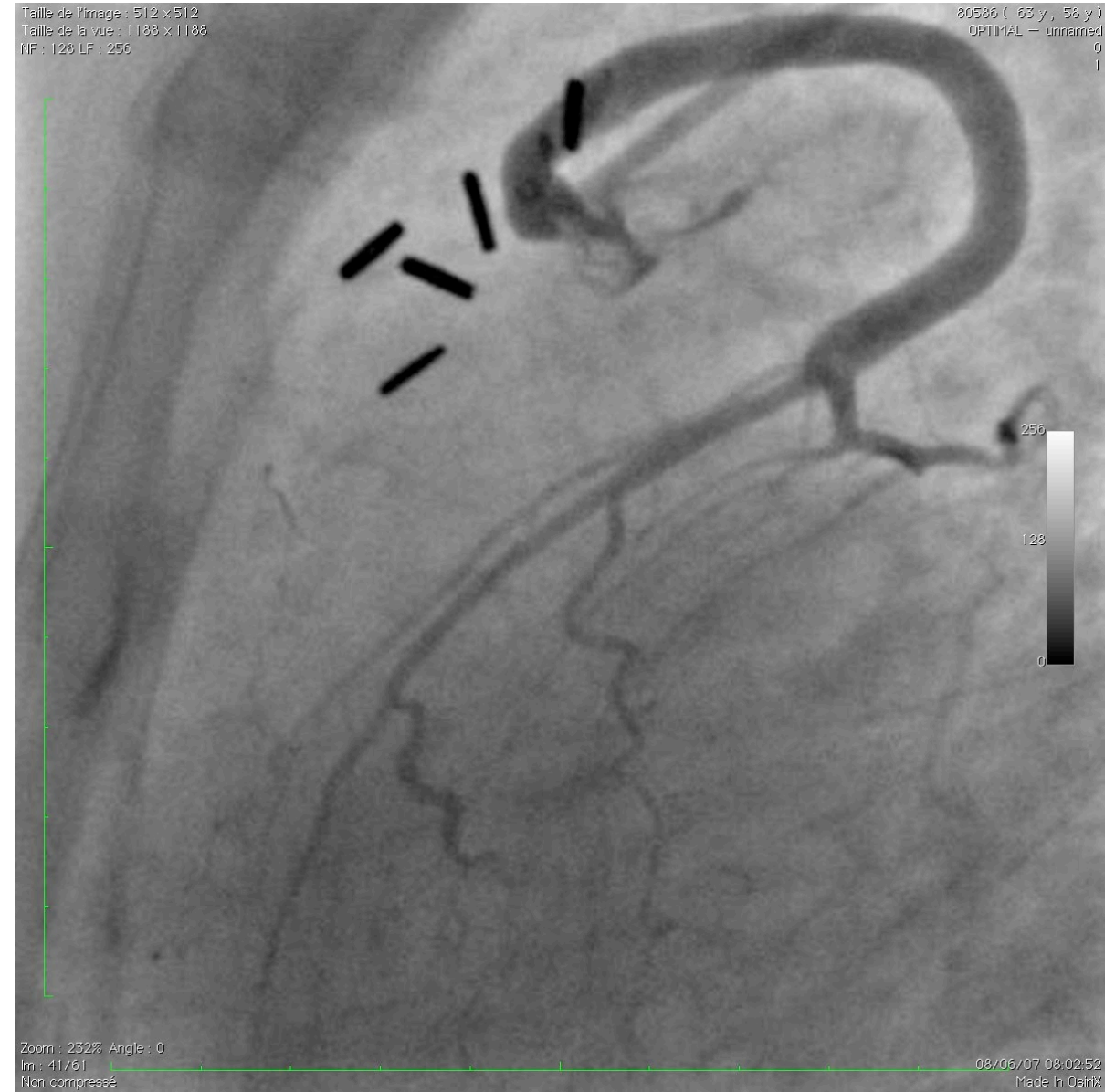
Interventional cardiology dpt
Cardiovascular Hospital - Lyon - France

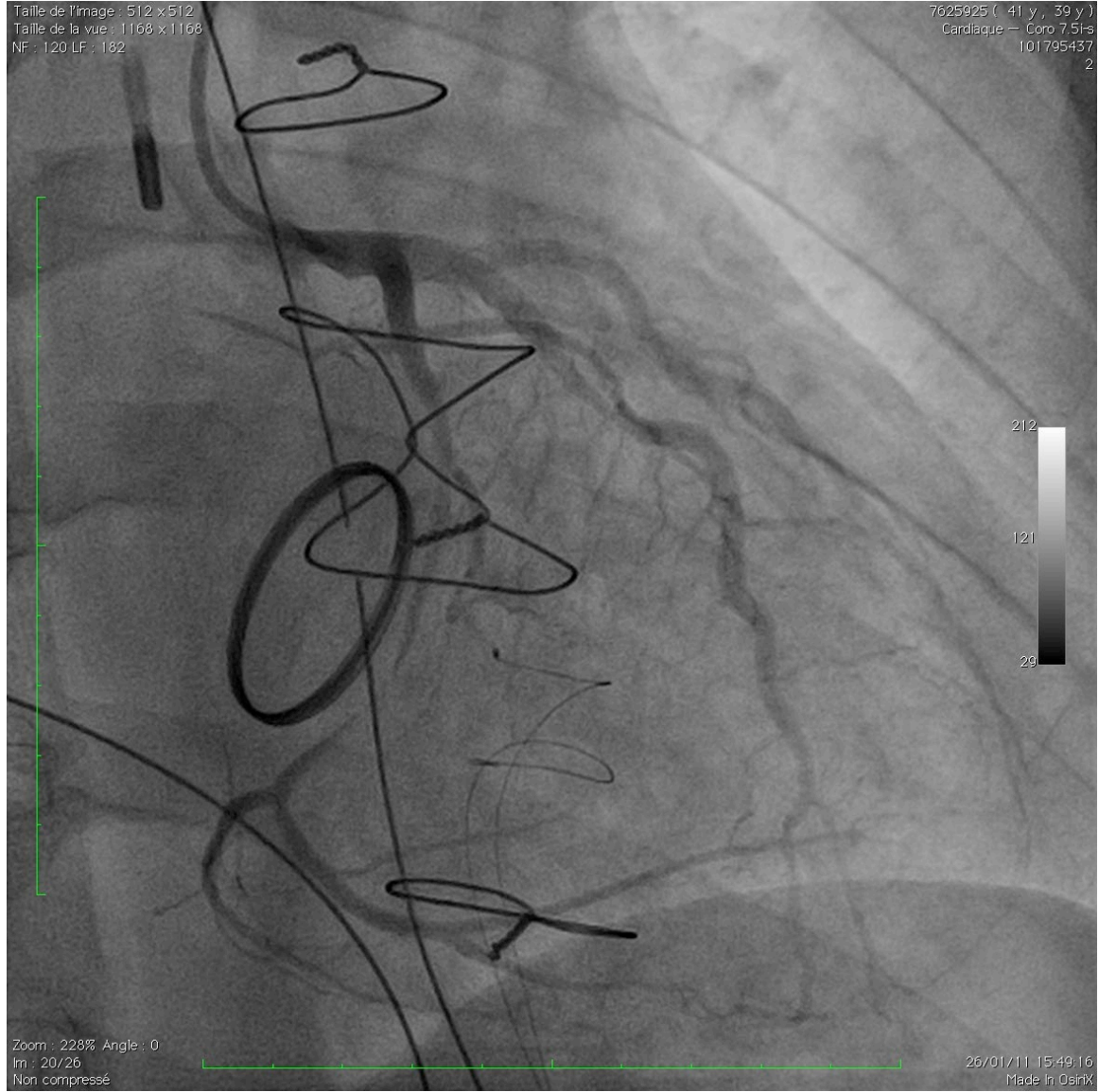
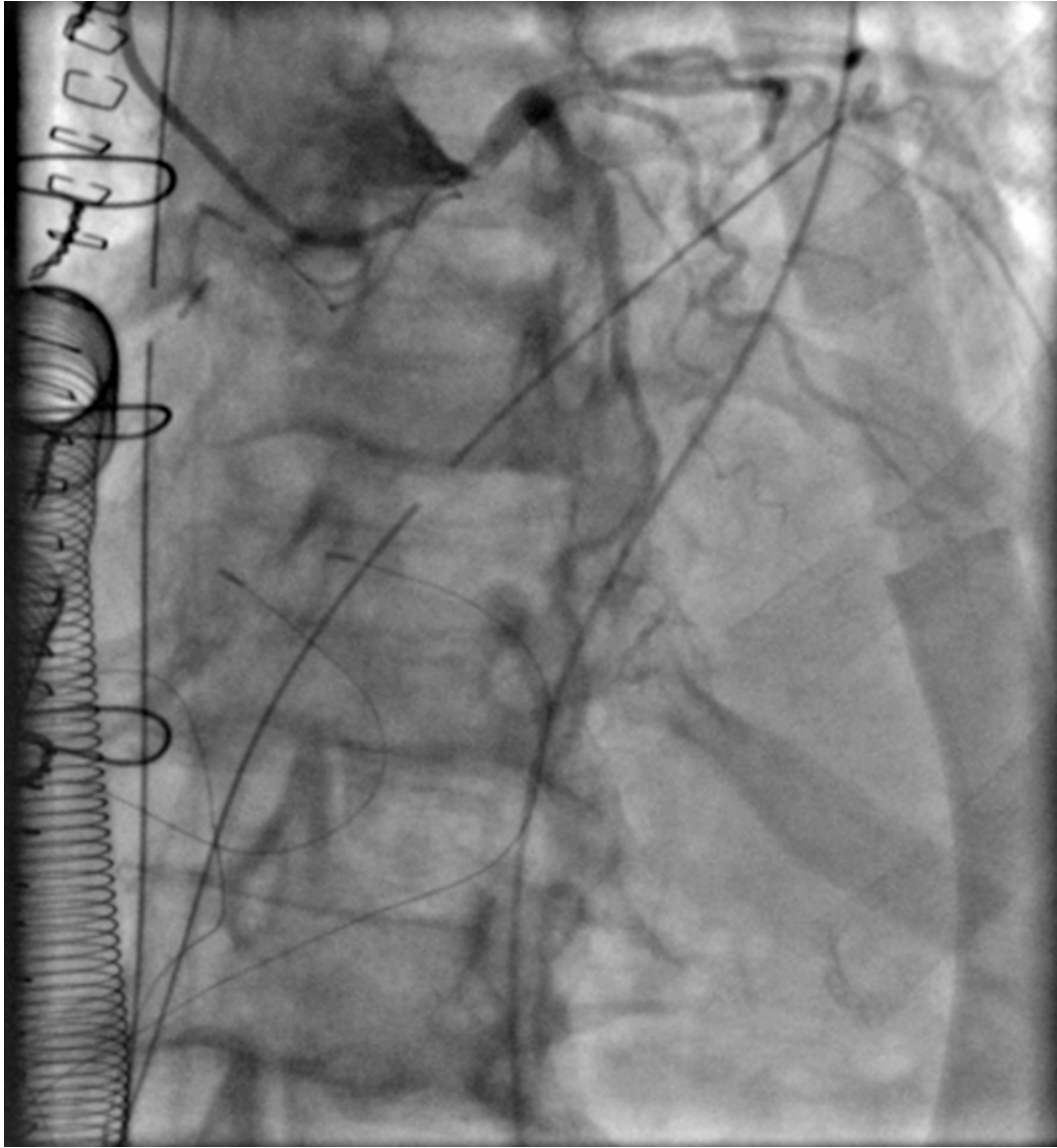


Inserm
Institut national
de la santé et de la recherche médicale
INSERM U1060



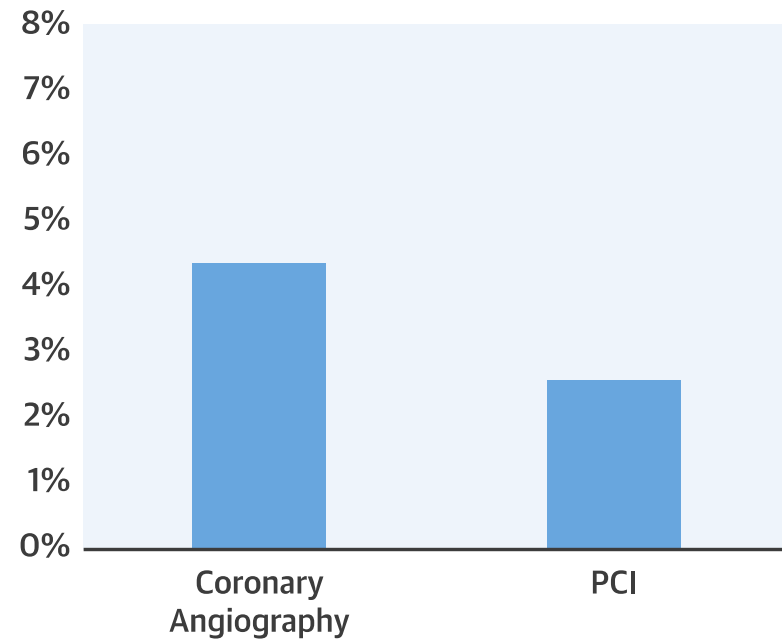
Coronary



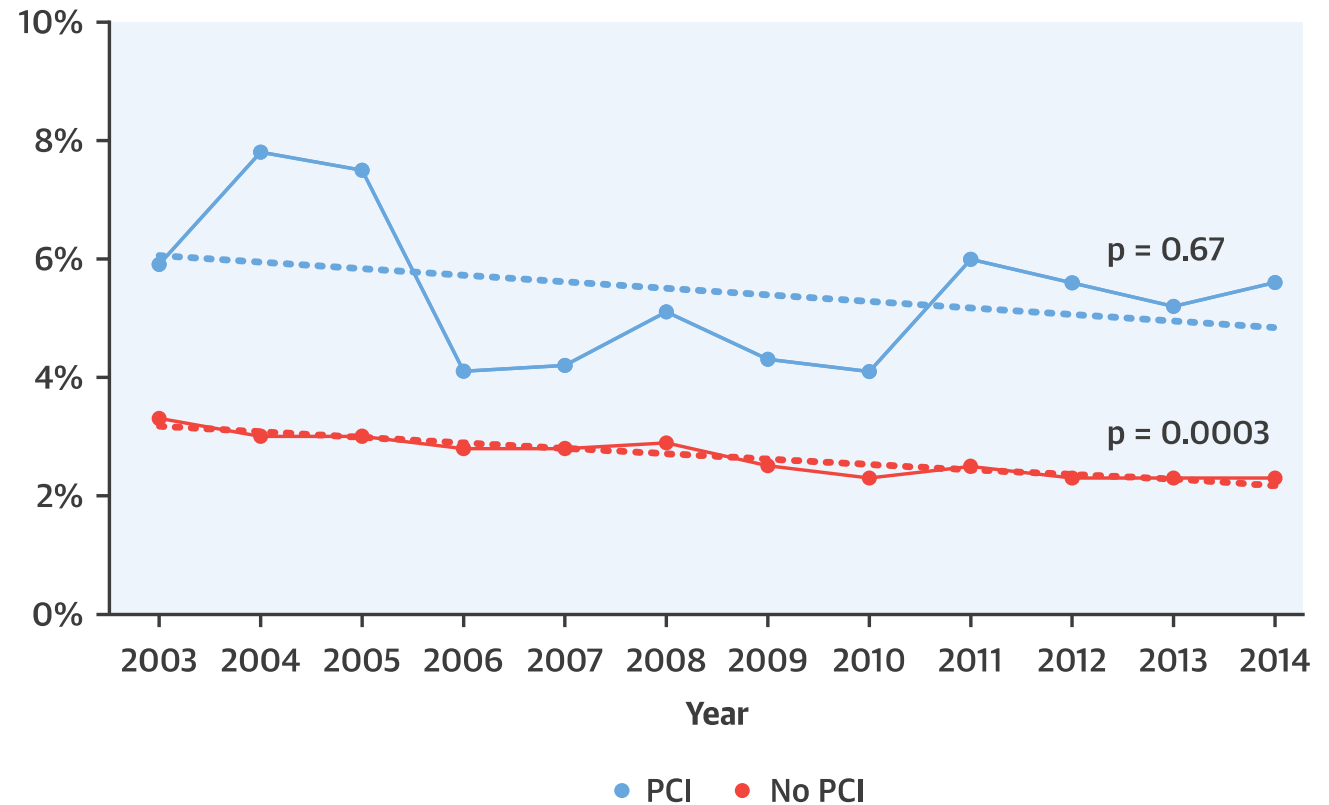


CENTRAL ILLUSTRATION Incidence and Outcomes of In-Hospital Post-Coronary Artery Bypass Grafting Percutaneous Coronary Intervention

Incidence of In-Hospital Invasive Assessment of Post-CABG Coronary Ischemia

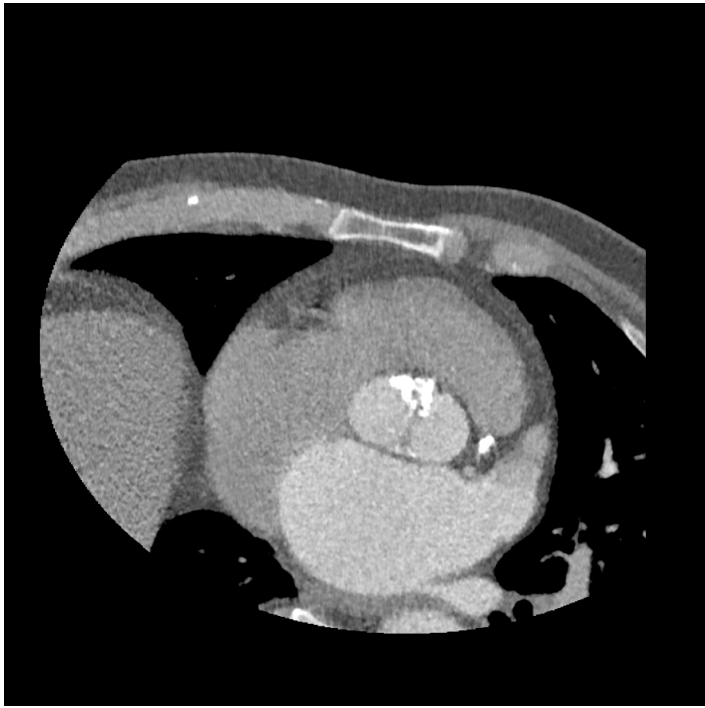


Temporal Trends in In-Hospital Mortality Among Patients Undergoing Early Post-CABG PCI

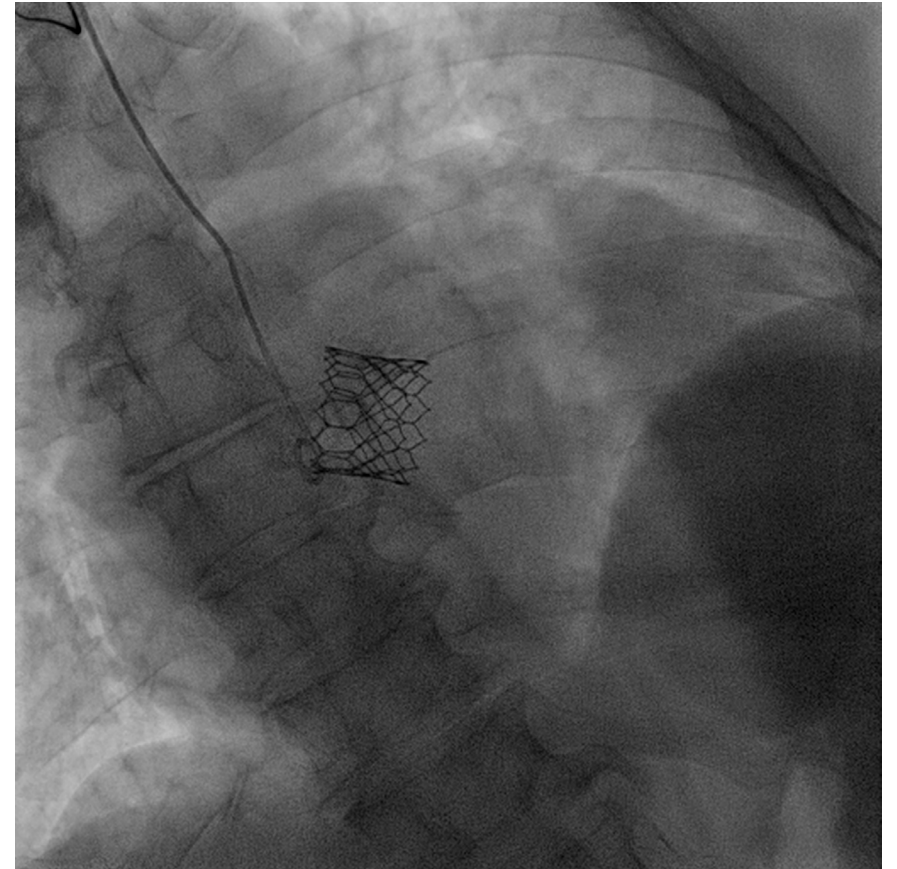
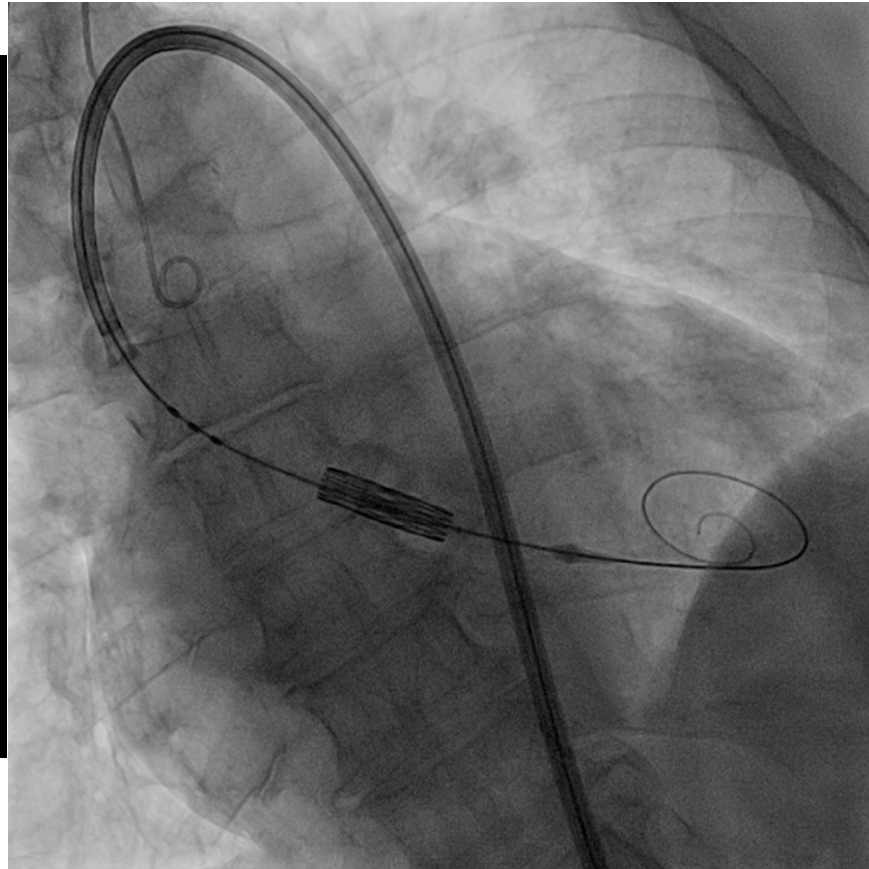


Alqahtani, F. et al. J Am Coll Cardiol. 2019;73(4):415-23.

Aortic valve

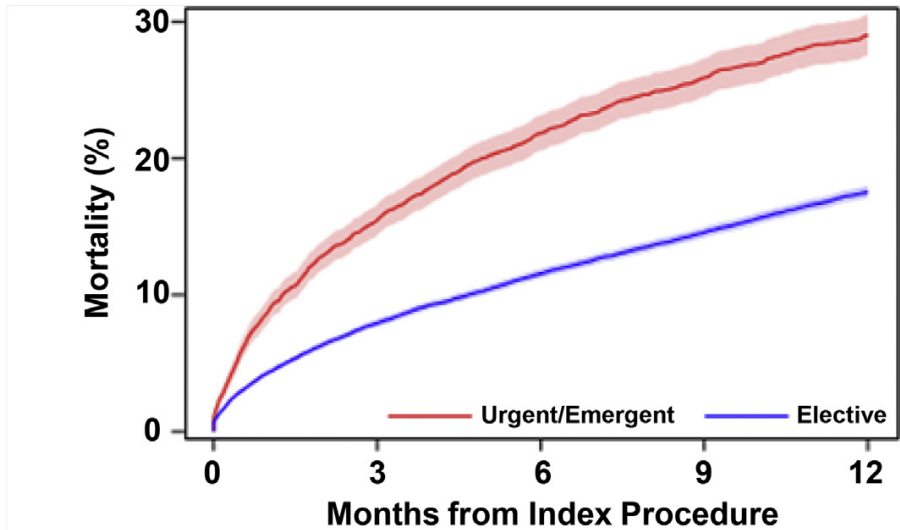


*70 yo man
Shock
EF 25%*



URGENT

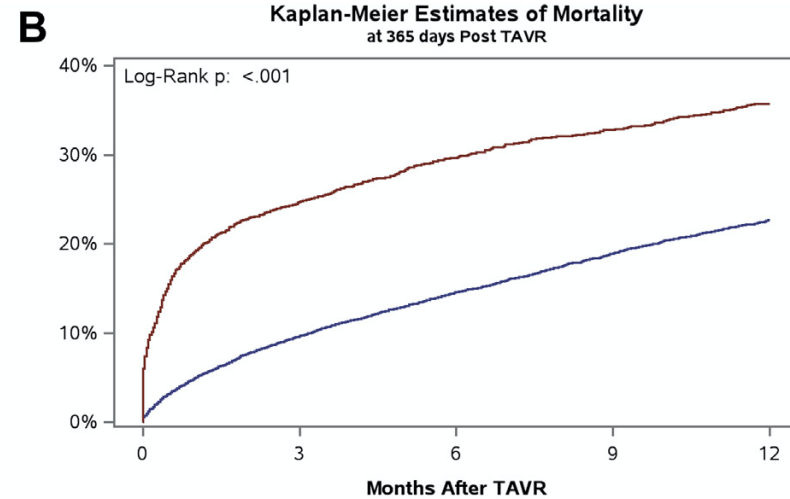
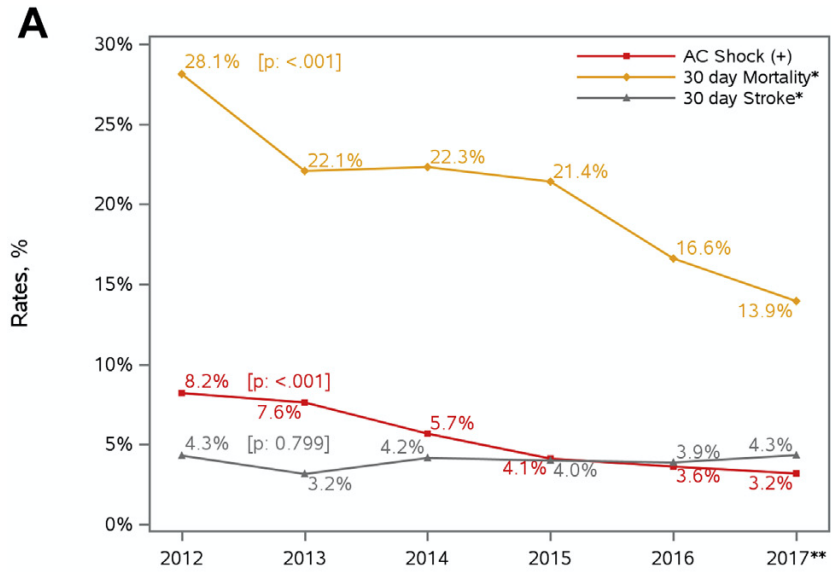
FIGURE 2 Kaplan-Meier Curve for 1-Year Mortality Following Urgent/Emergent Versus Elective TAVR



Urgent/ Emergent	3,952	3,346	2,771	2,283	1,926
Elective	36,090	33,248	27,927	23,300	19,569

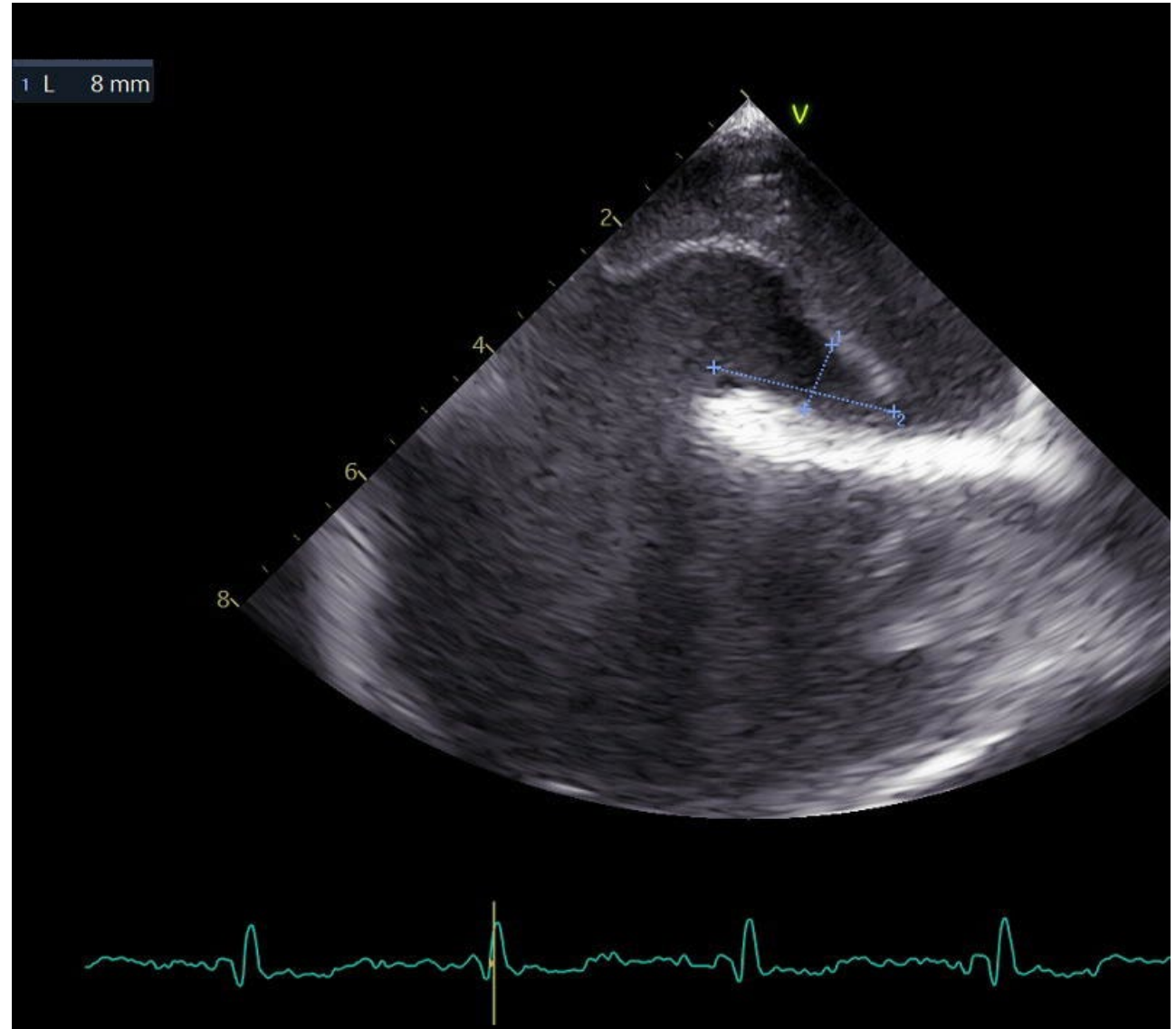
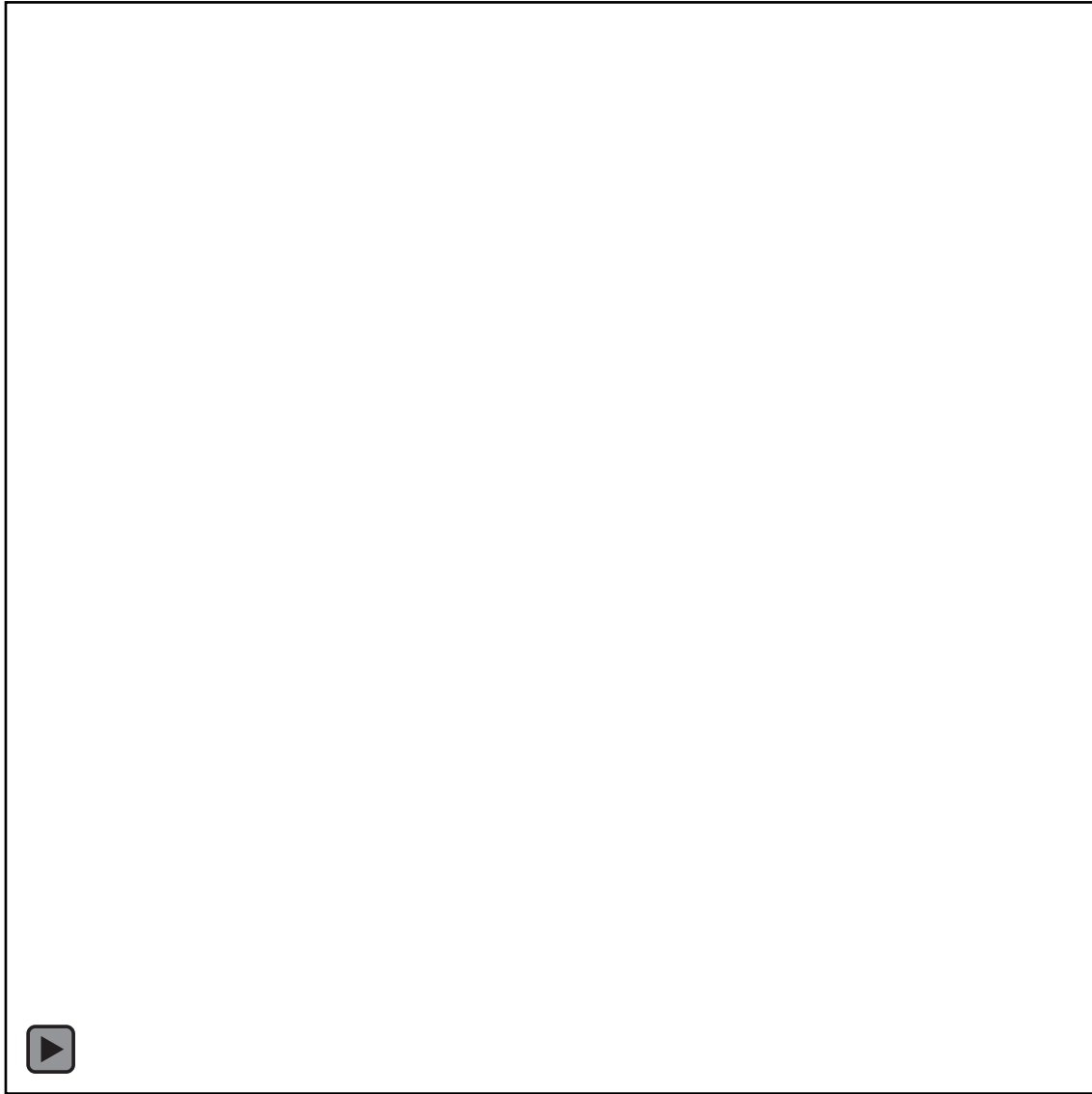
TABLE 4 In-Hospital Outcomes				
	Overall (N = 40,042)	Urgent/Emergent (n = 3,952)	Elective (n = 36,090)	p Value
Intraprocedural mortality	214 (0.53)	38 (0.96)	176 (0.49)	<0.001
In-hospital mortality	1,324 (3.3)	241 (6.1)	1,083 (3.0)	<0.001
Device success	37,470 (93.6)	3,659 (92.6)	33,811 (93.7)	0.007

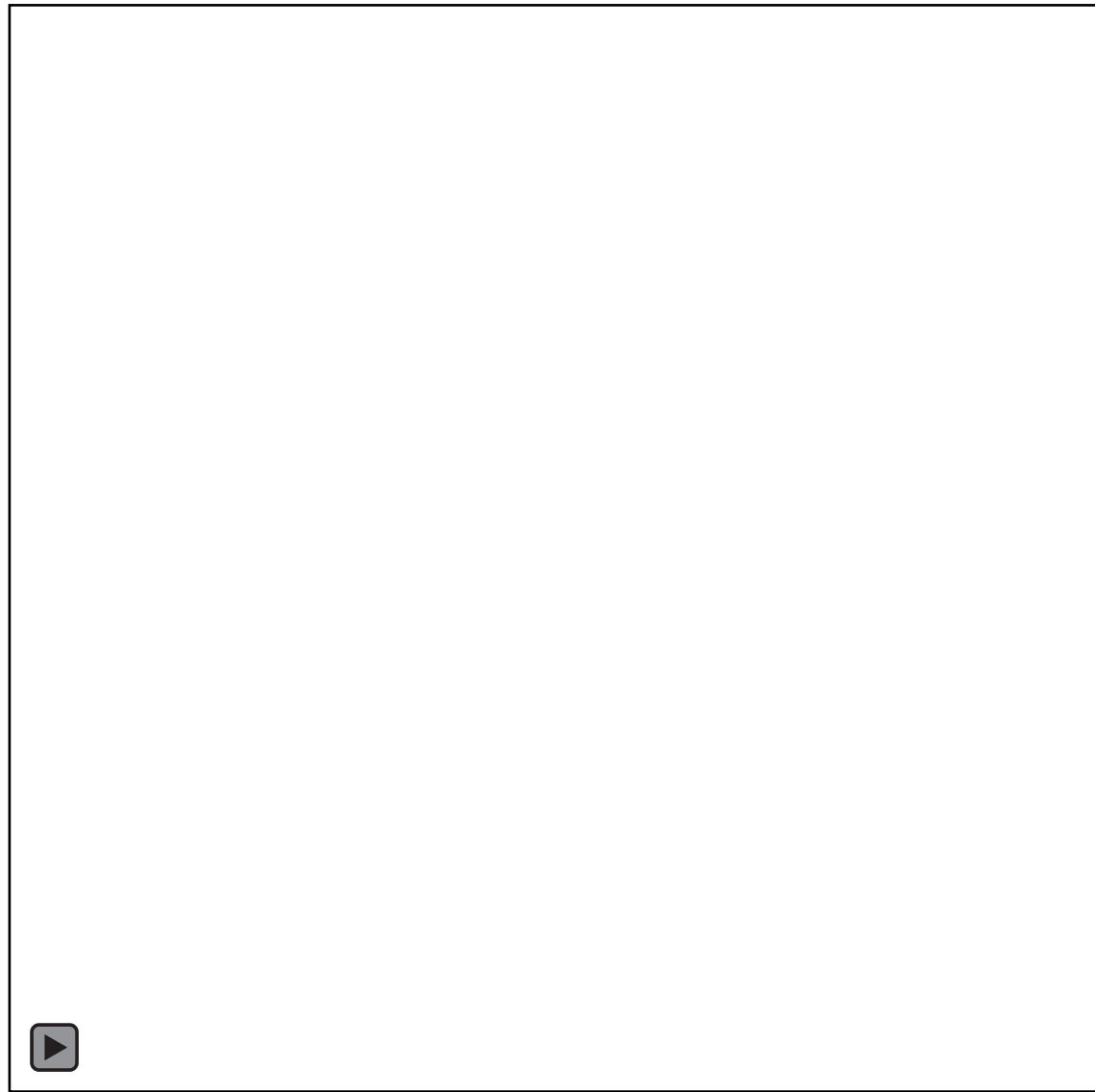
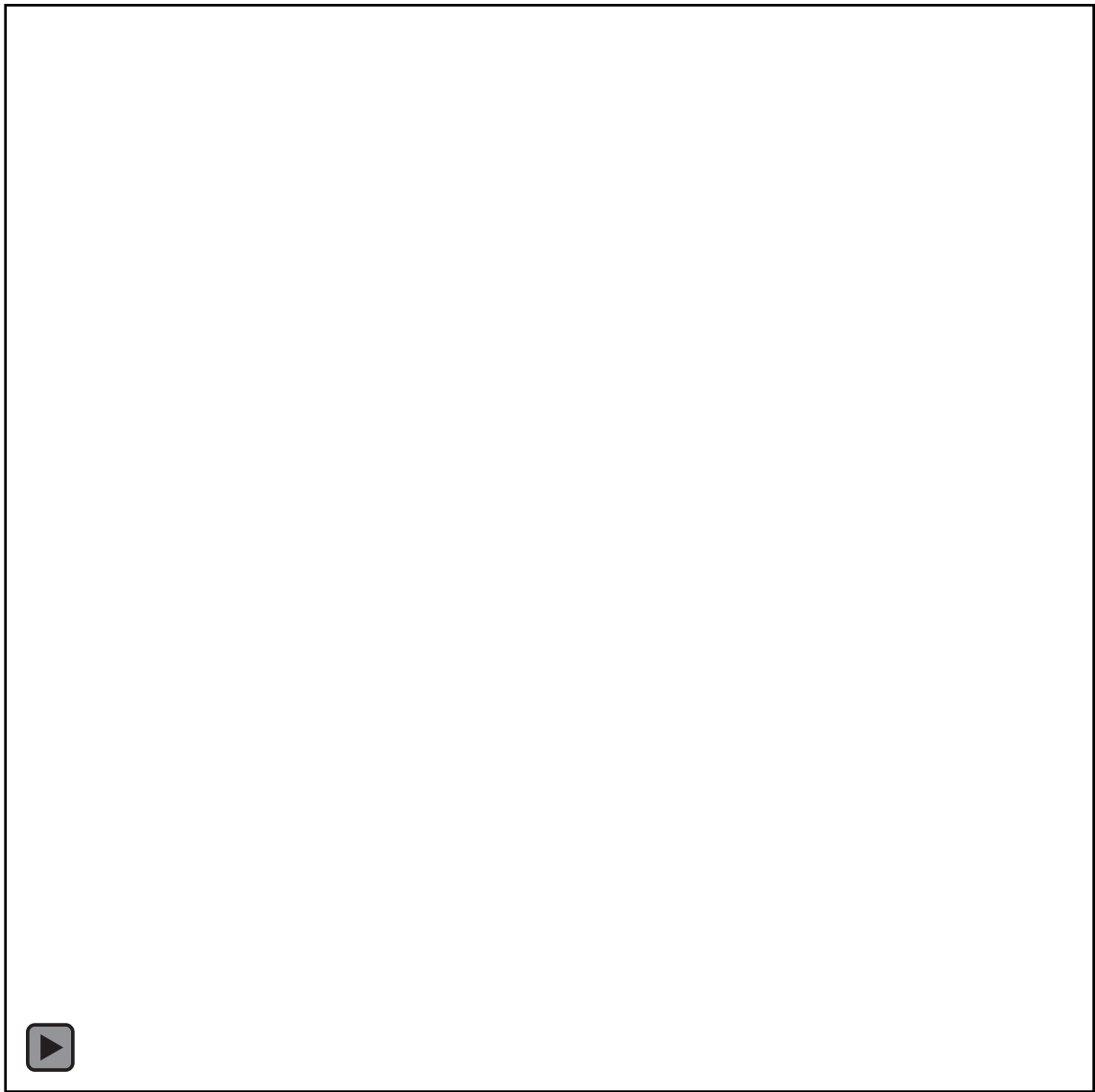
SHOCK

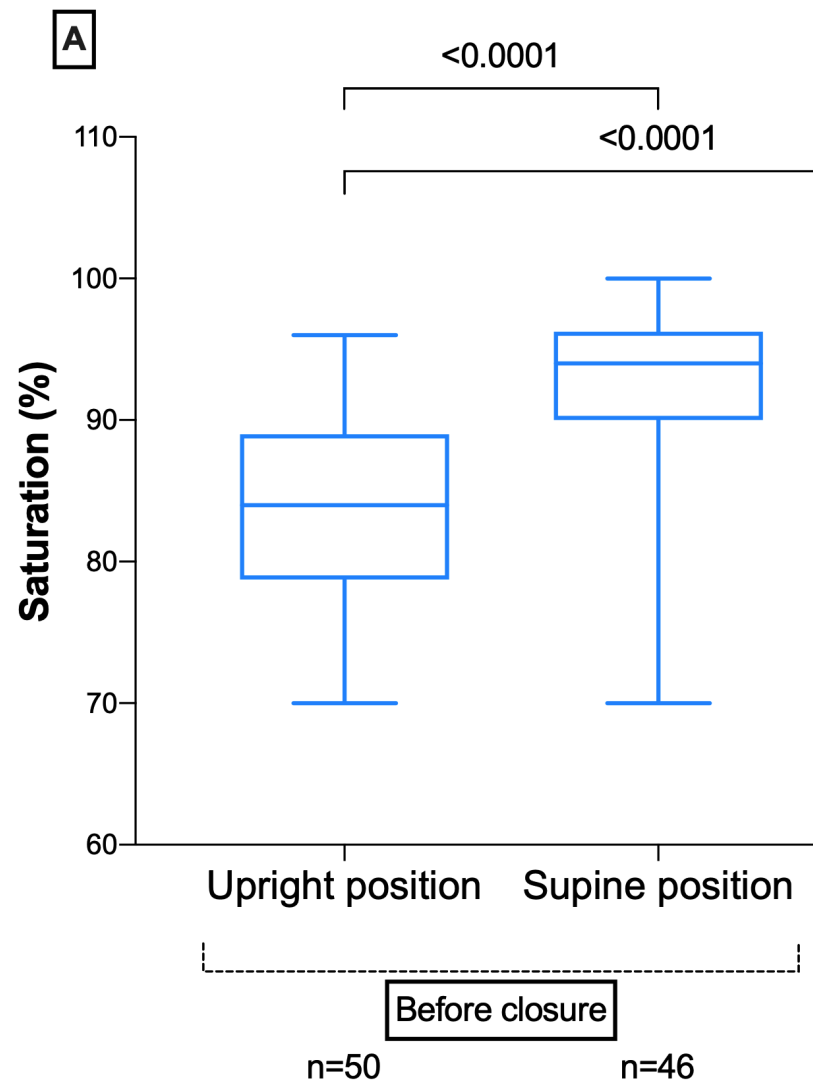


	No. at risk				
AC Shock (-)	12851	11620	9863	8371	7055
AC Shock (+)	2220	1673	1398	1177	1006

Platypnea - orthodeoxia

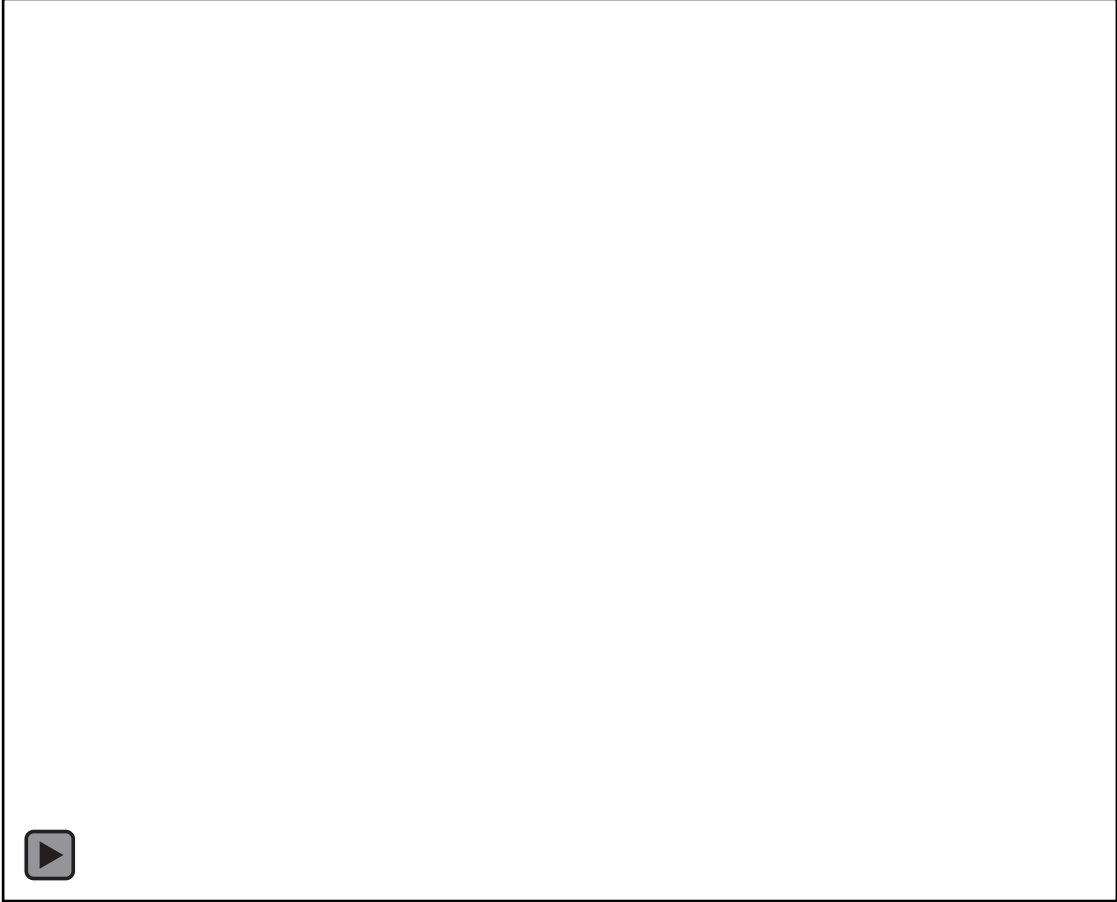


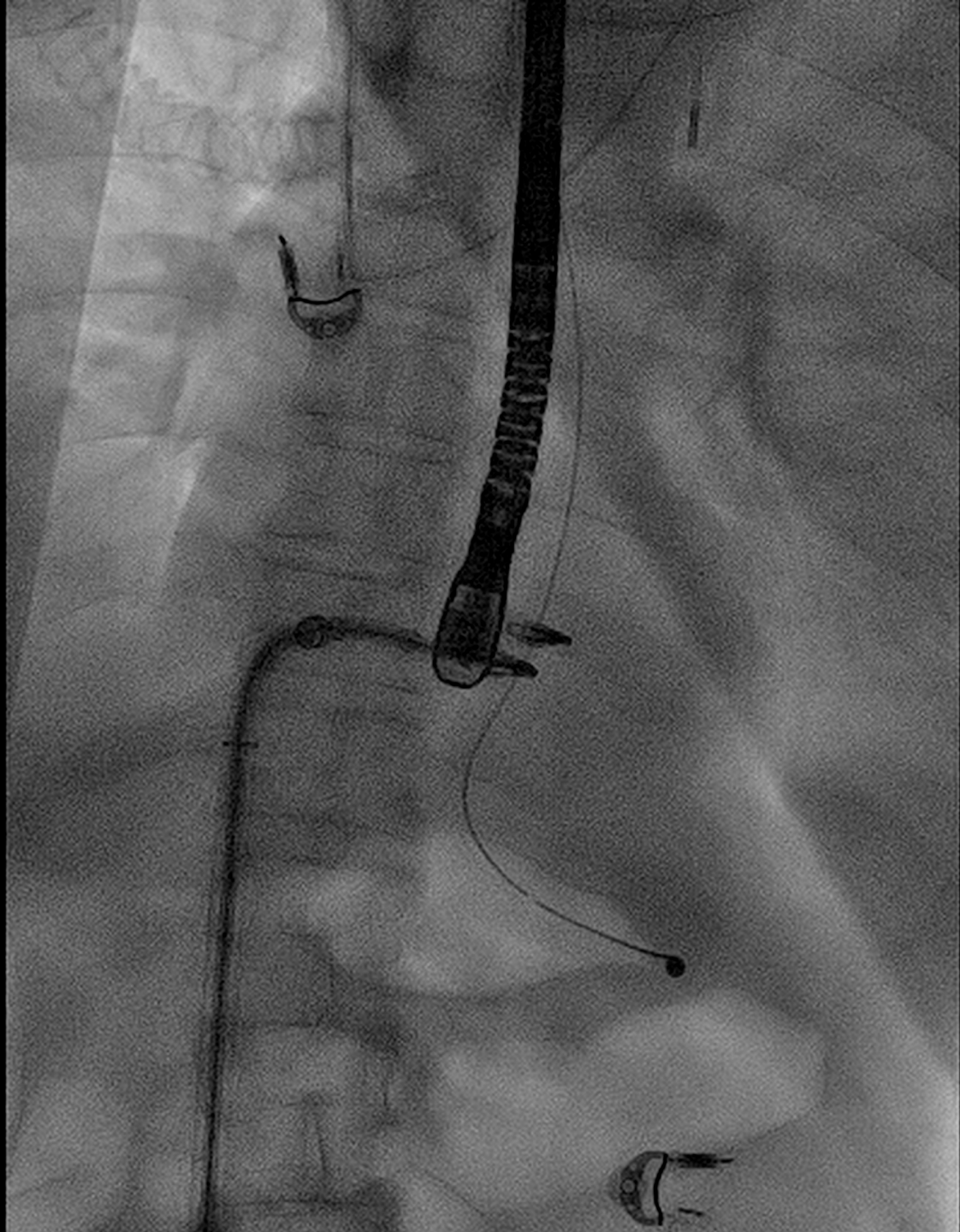




Mitral valve

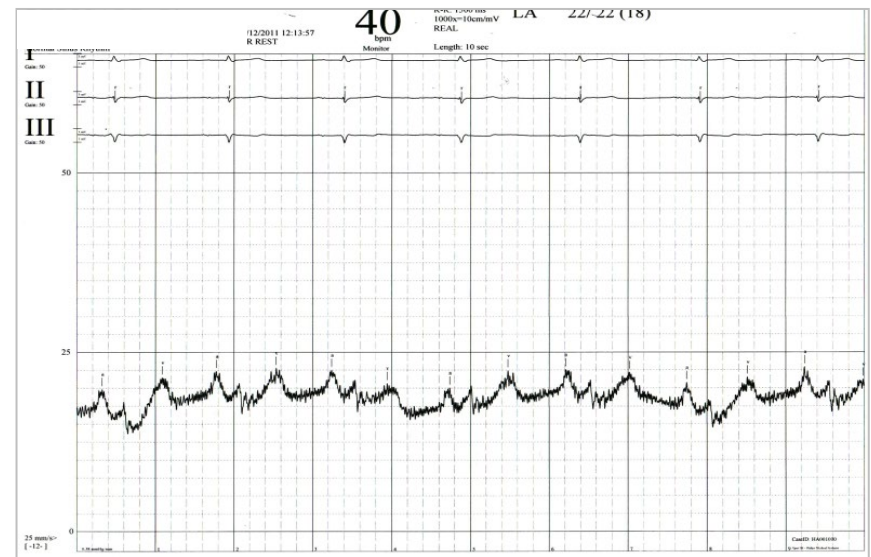
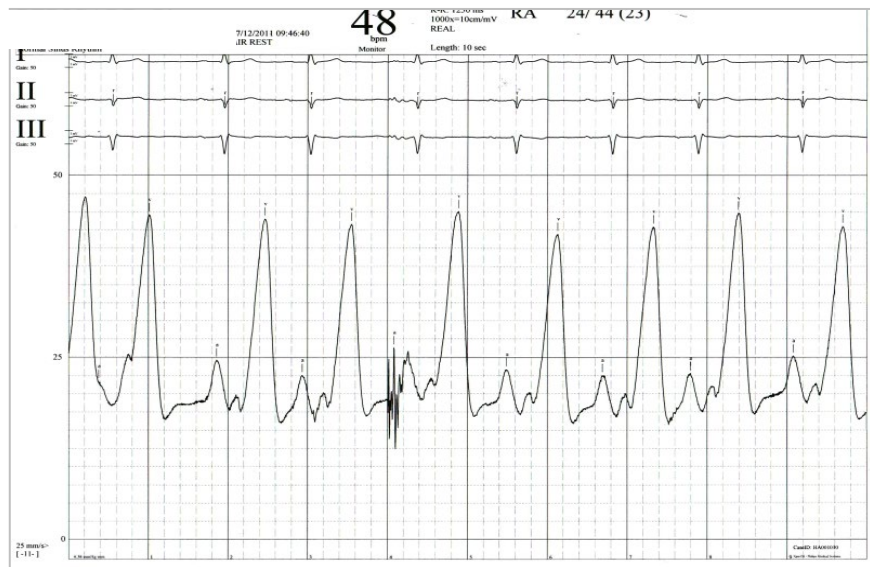
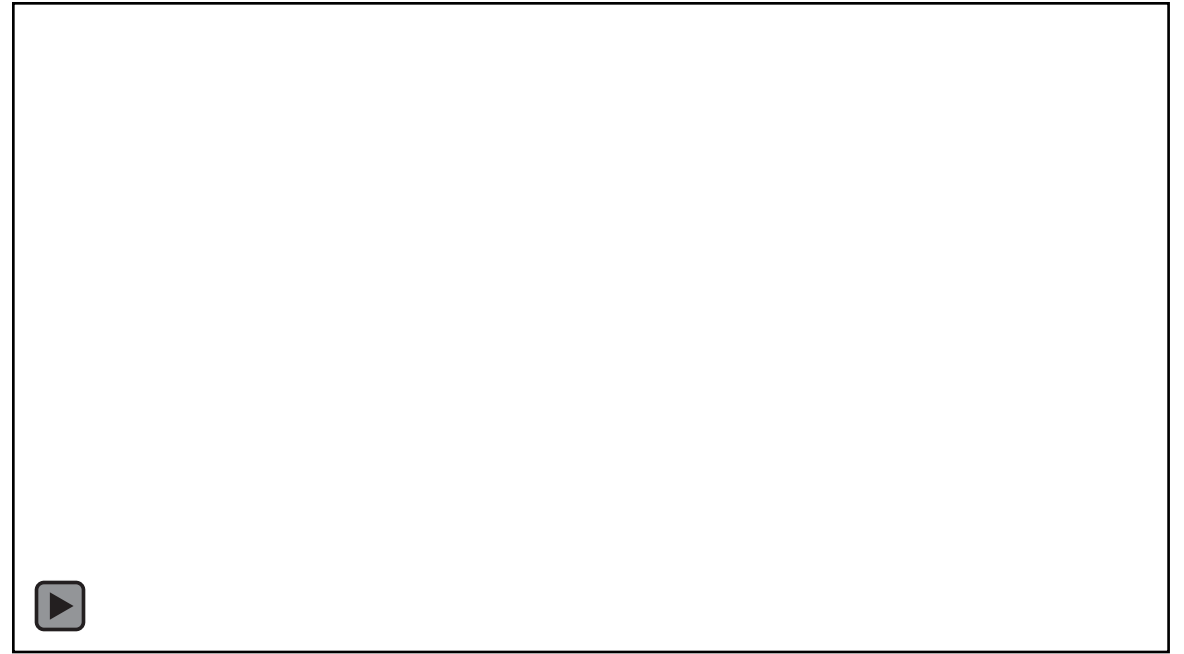
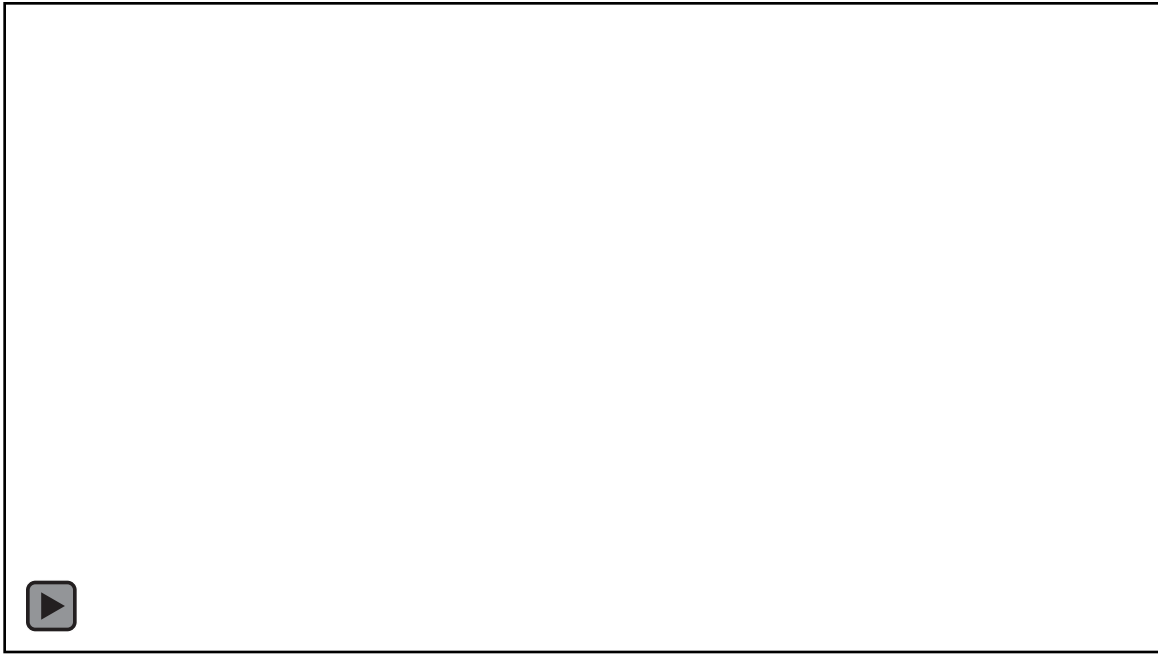




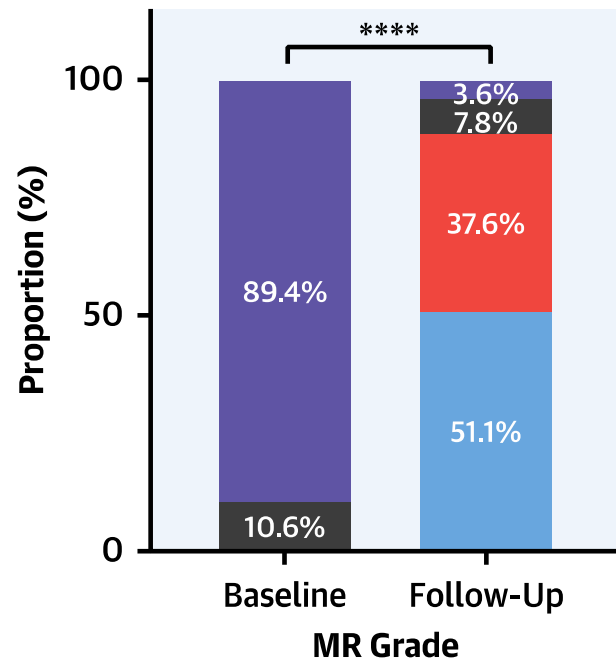




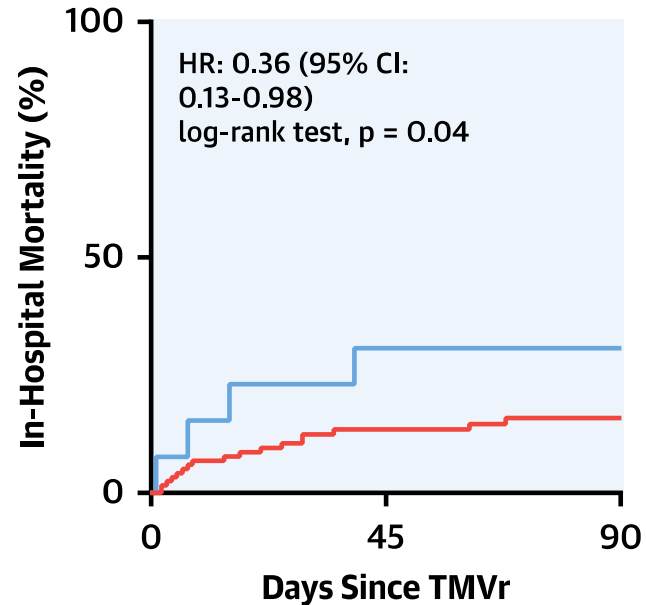




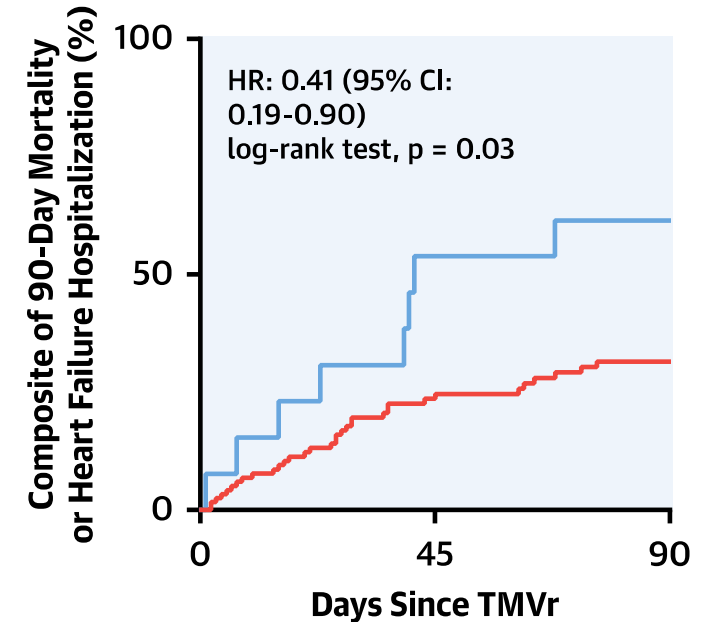
CENTRAL ILLUSTRATION Impact of Successful Transcatheter Mitral Valve Repair on Clinical Outcomes in Patients With Cardiogenic Shock and Mitral Regurgitation



■ 4+ ■ 3+ ■ 2+ ■ 1+



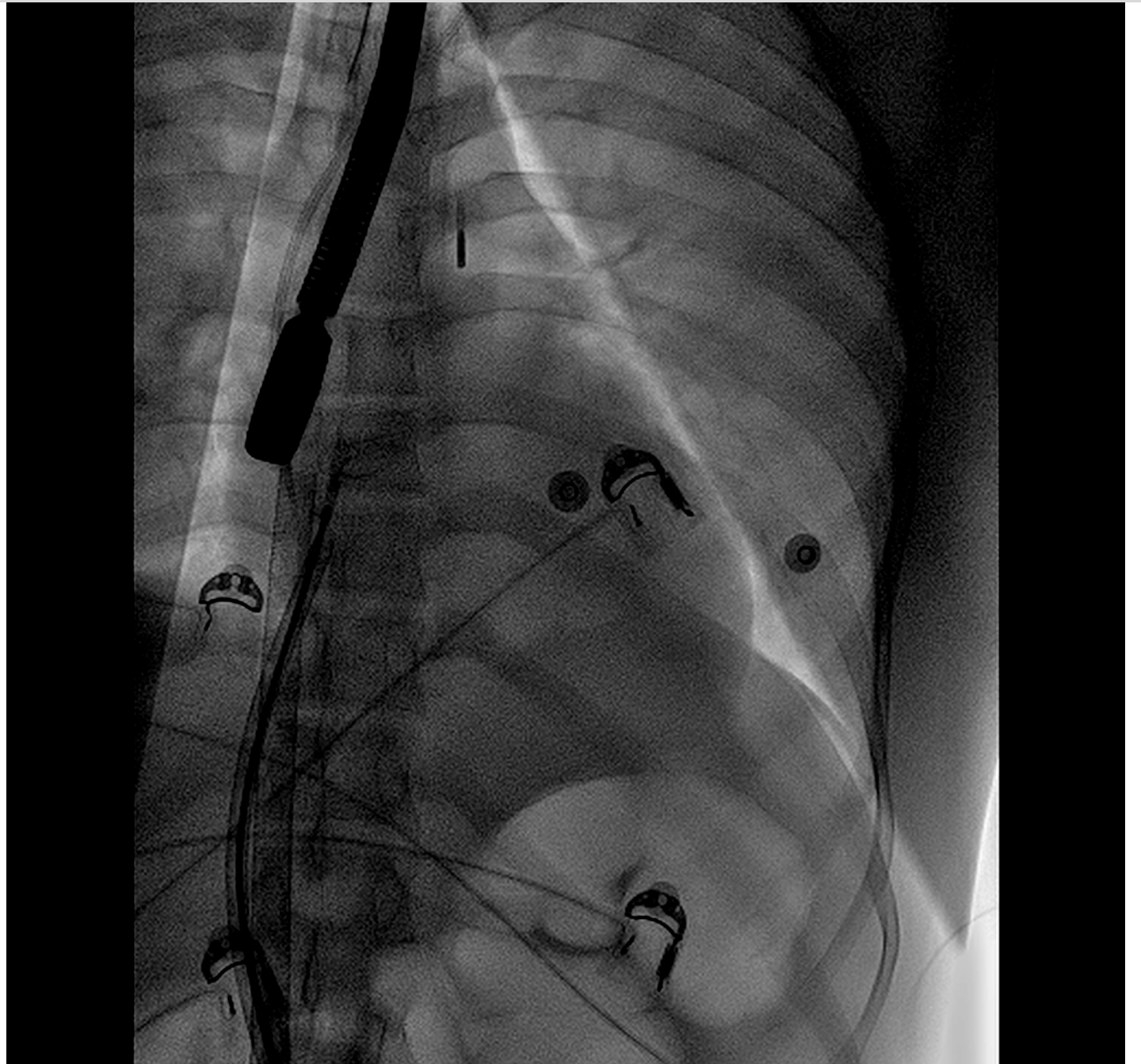
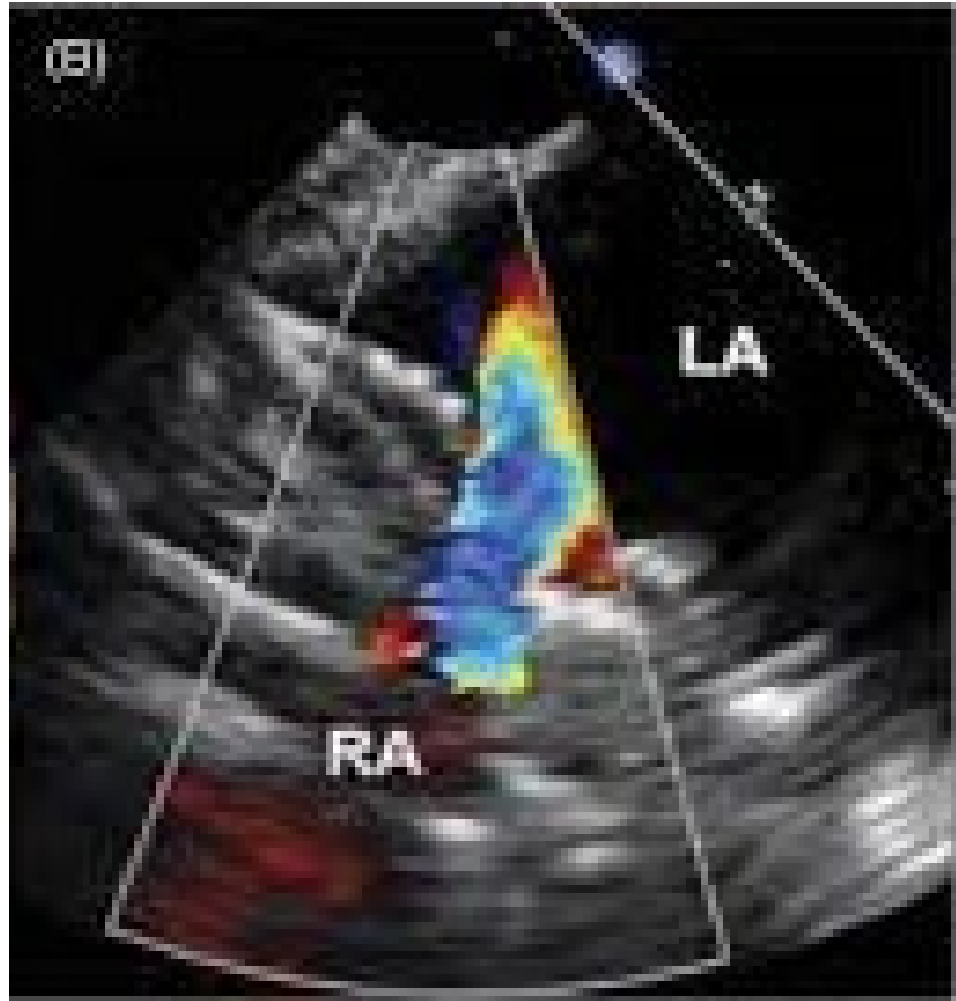
	No. at Risk		
	0	45	90
Failure	14	8	5
Success	119	77	61

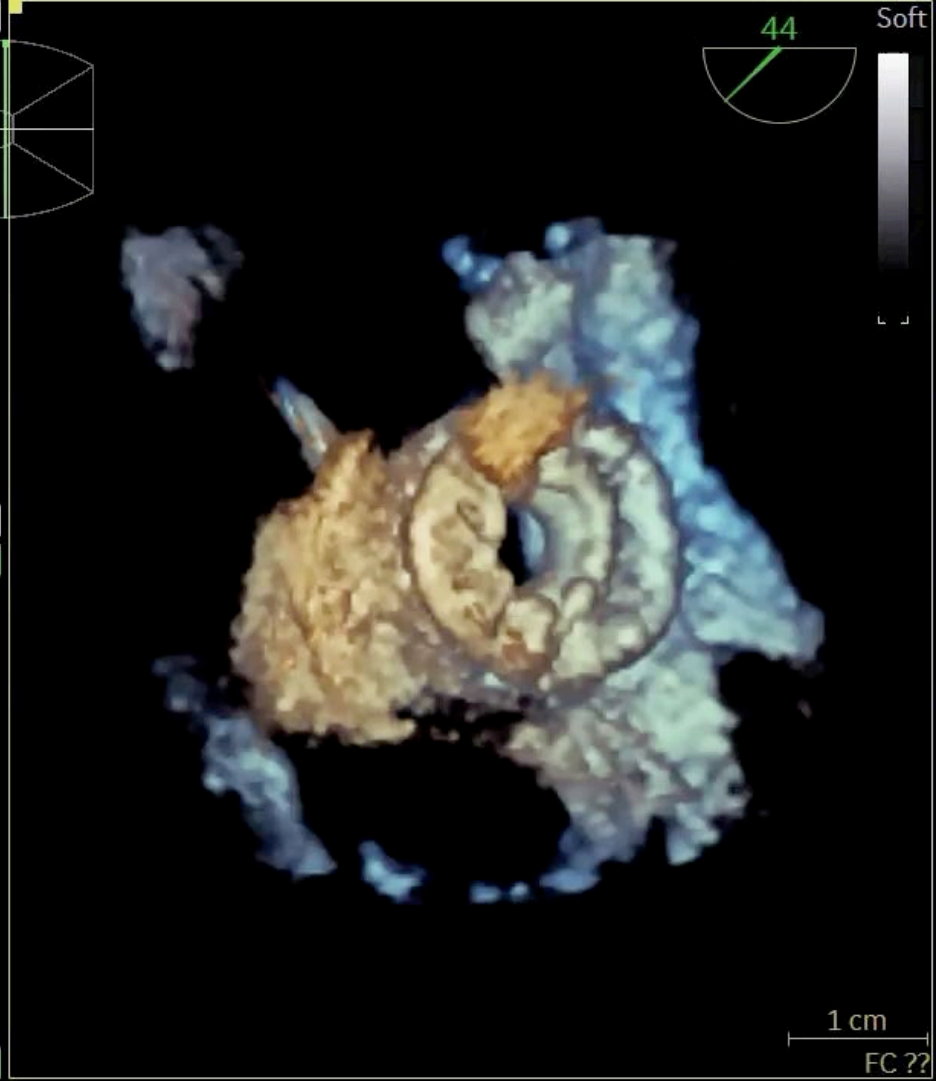
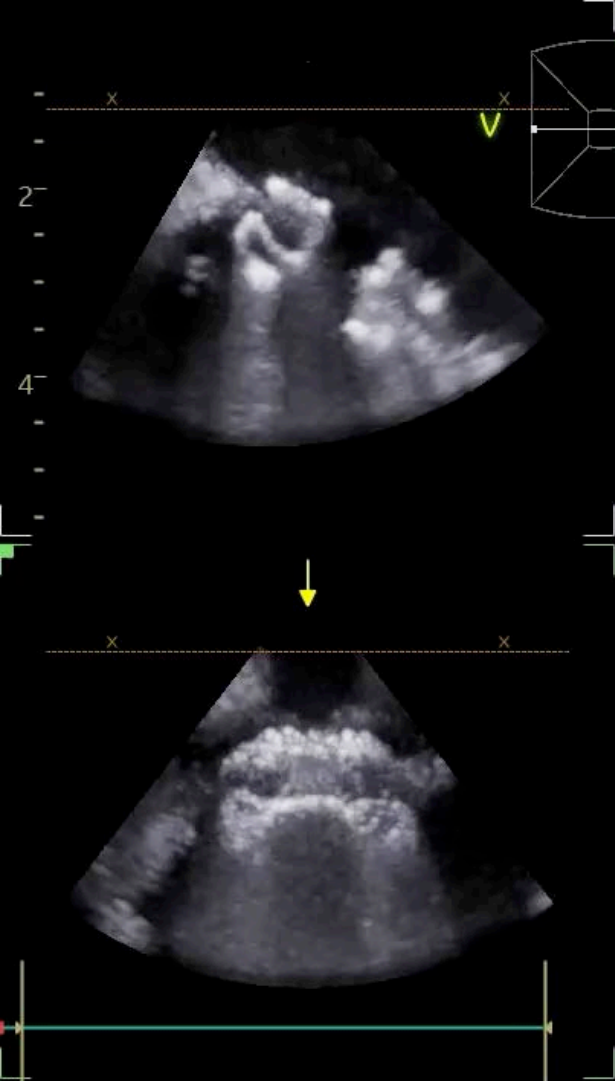
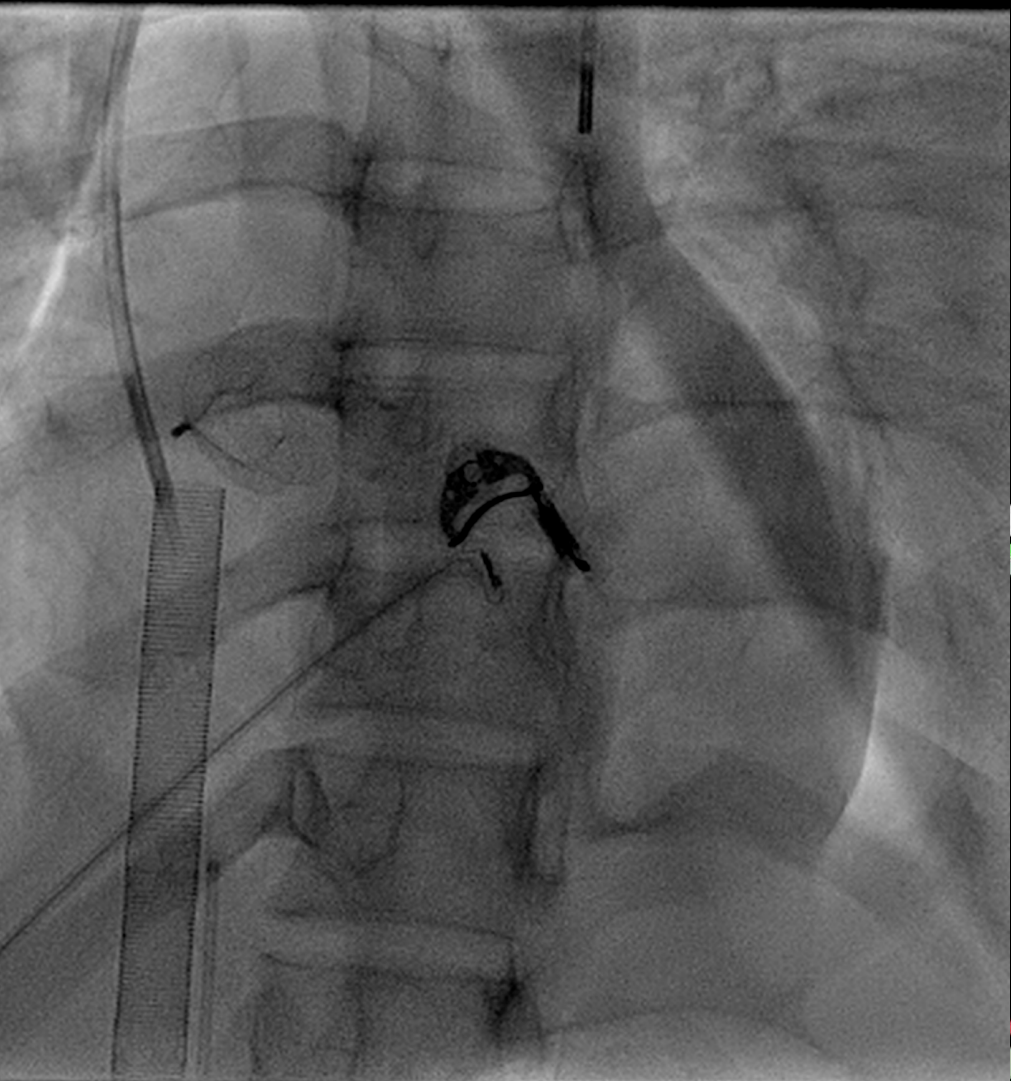


	No. at Risk		
	0	45	90
Failure	14	6	3
Success	119	71	57

Jung, R.G. et al. J Am Coll Cardiol Intv. 2021;14(1):1-11.

ECMO – LV unloading







ESC

European Society
of Cardiology

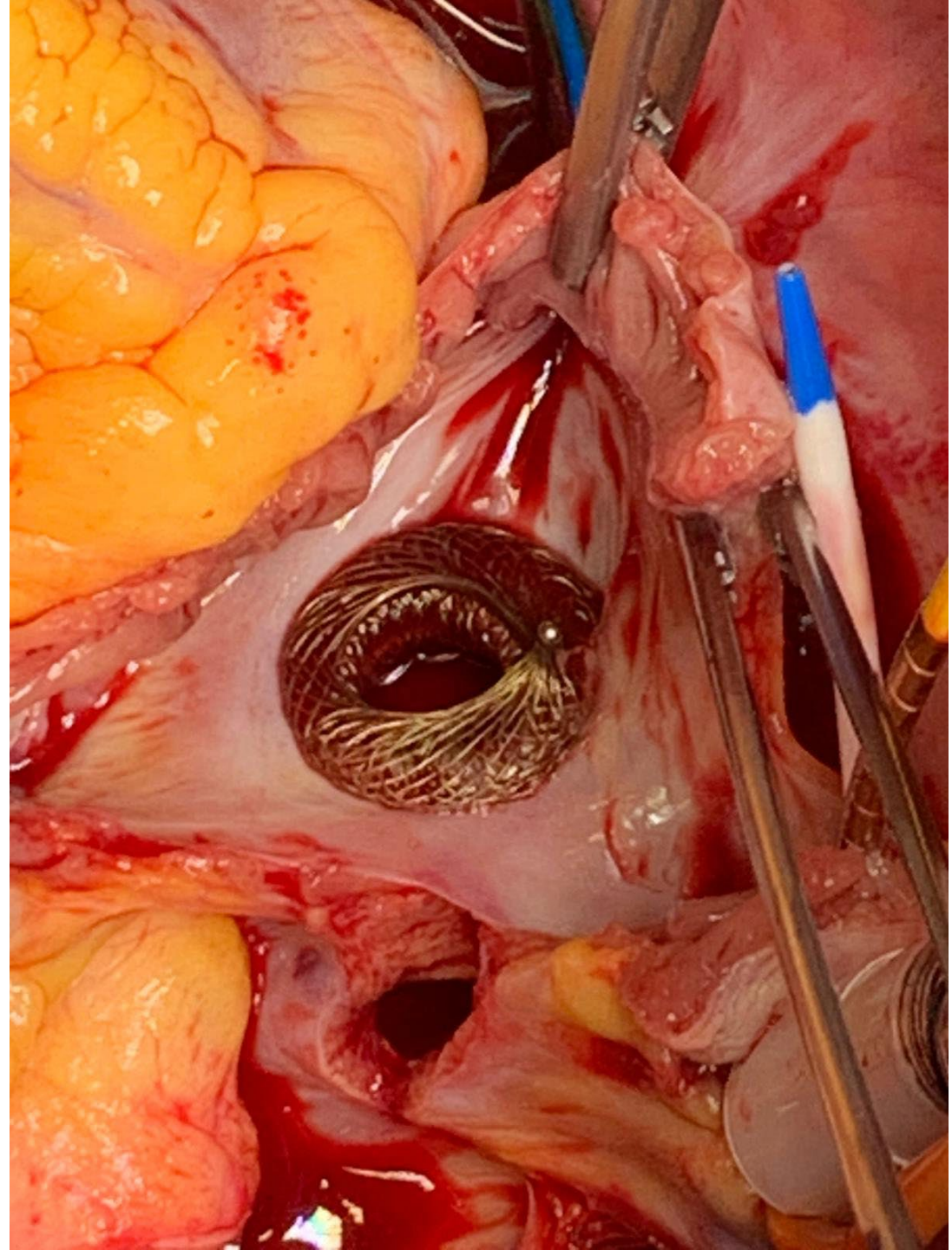
European Heart Journal (2021) 00, 1–2

doi:10.1093/eurheartj/ehaa1071

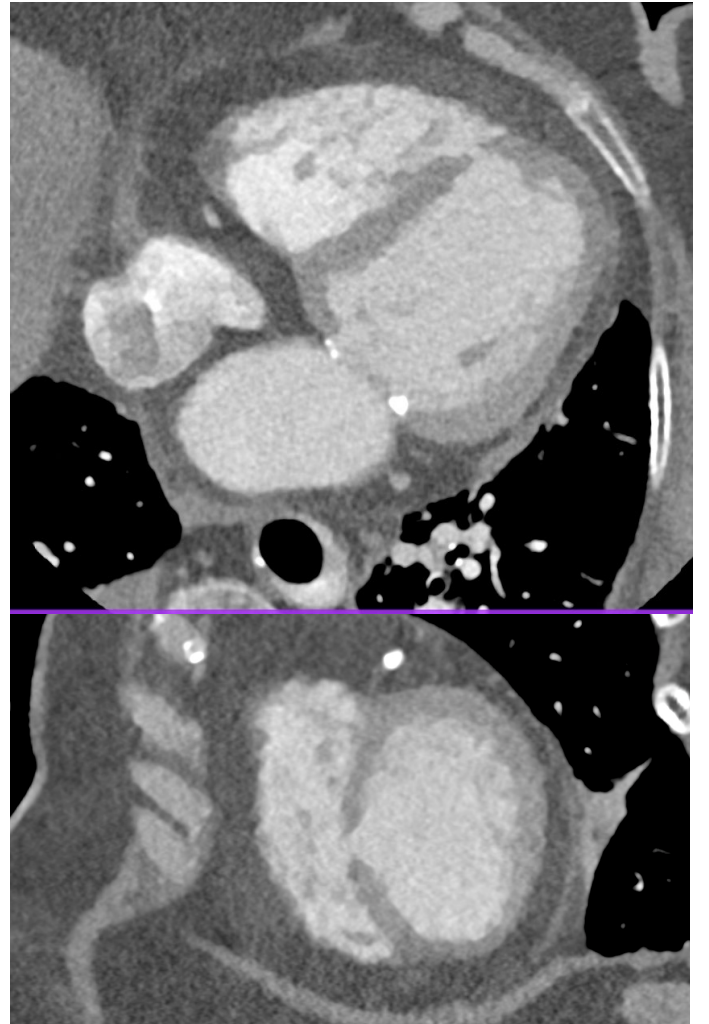
DISCUSSION FORUM

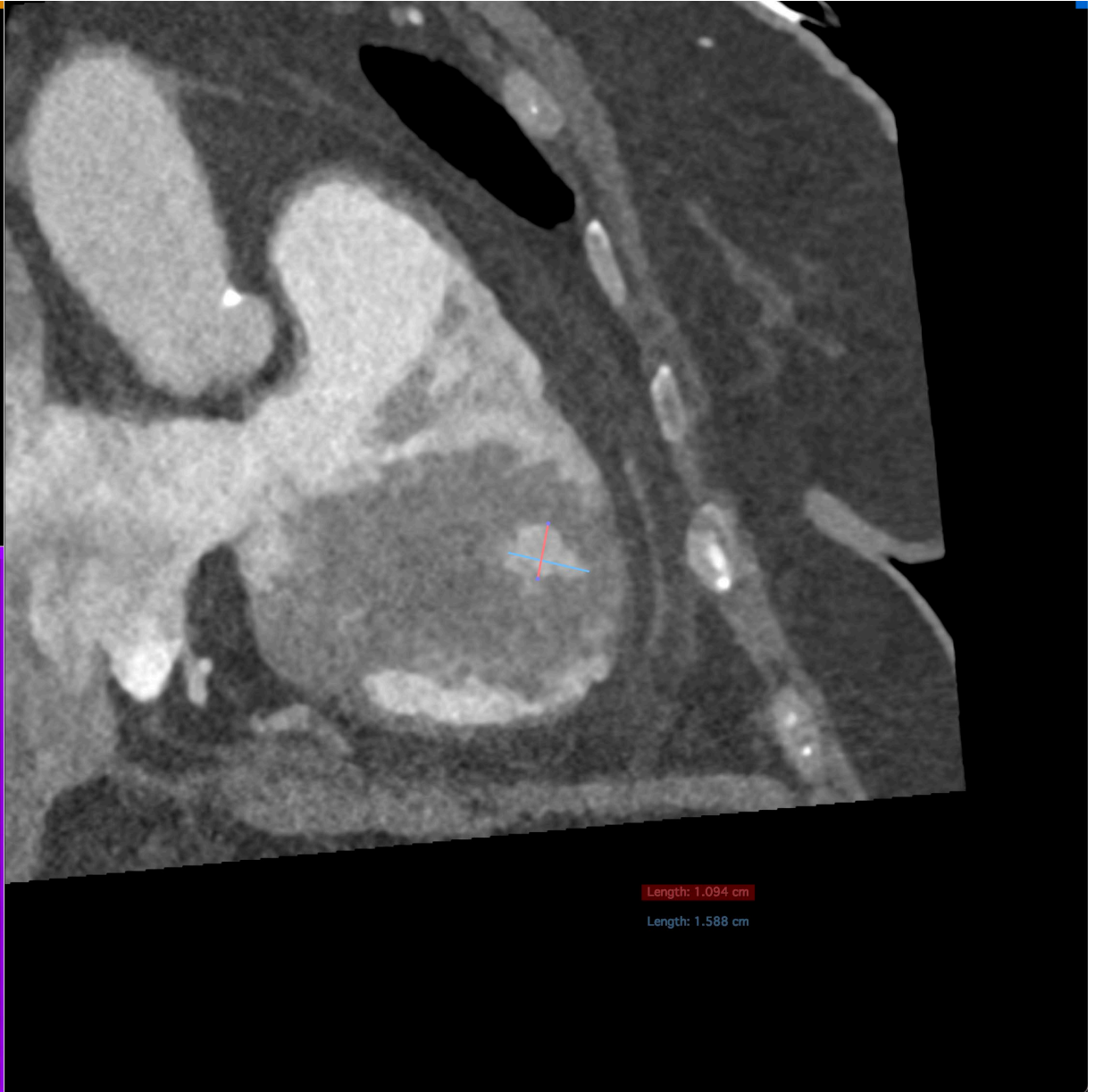
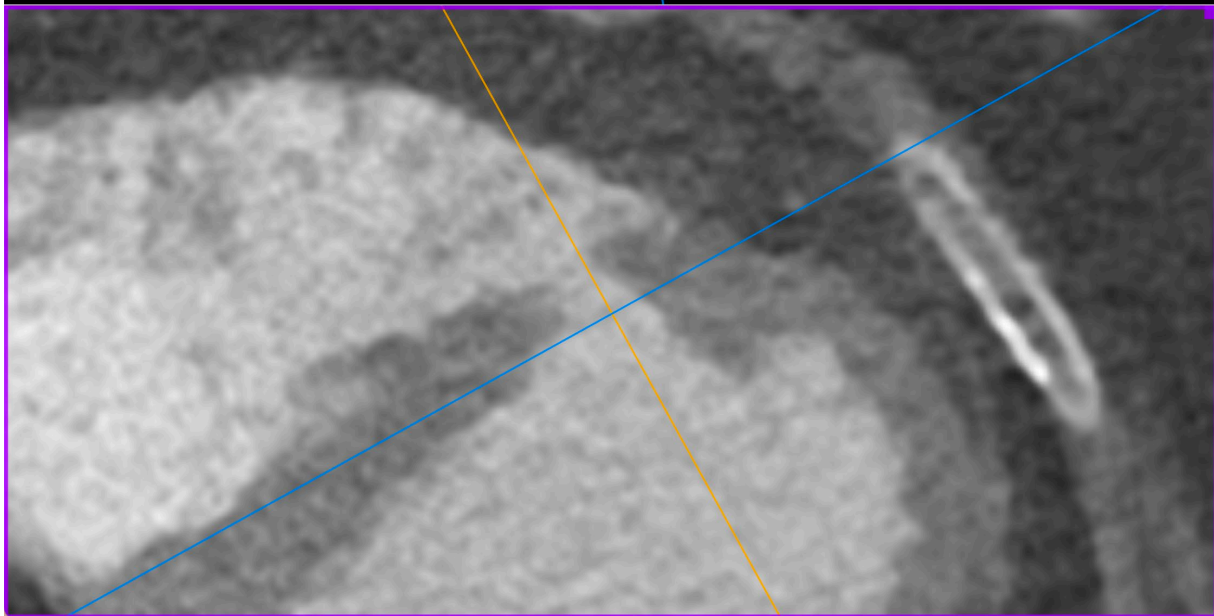
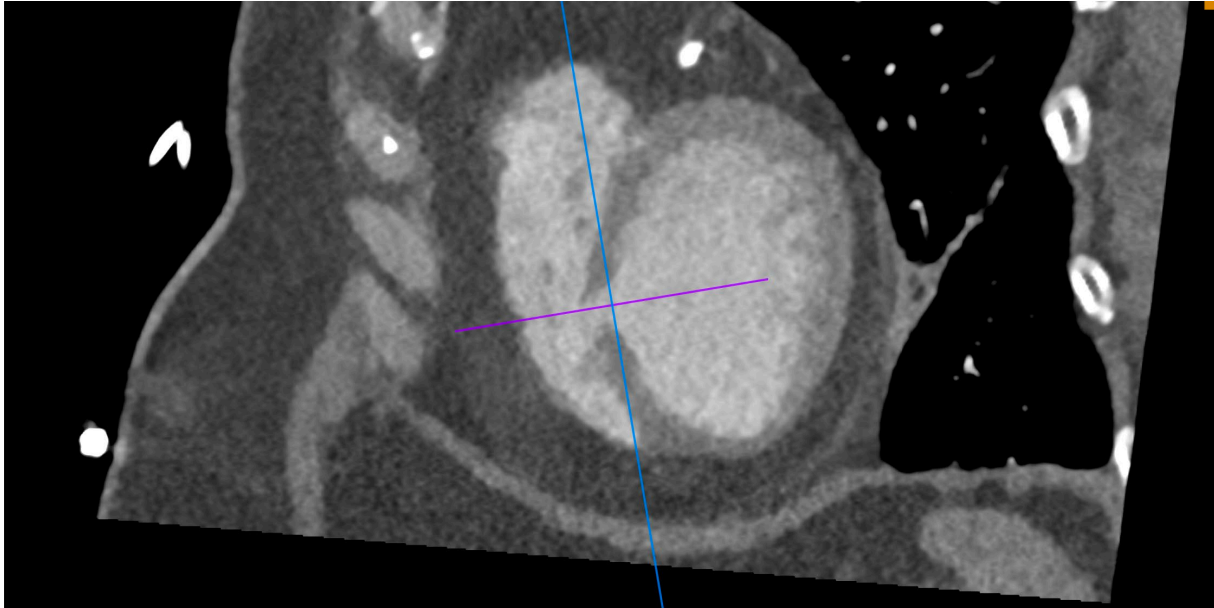
Percutaneous left ventricular unloading in veno-arterial extracorporeal membrane oxygenation

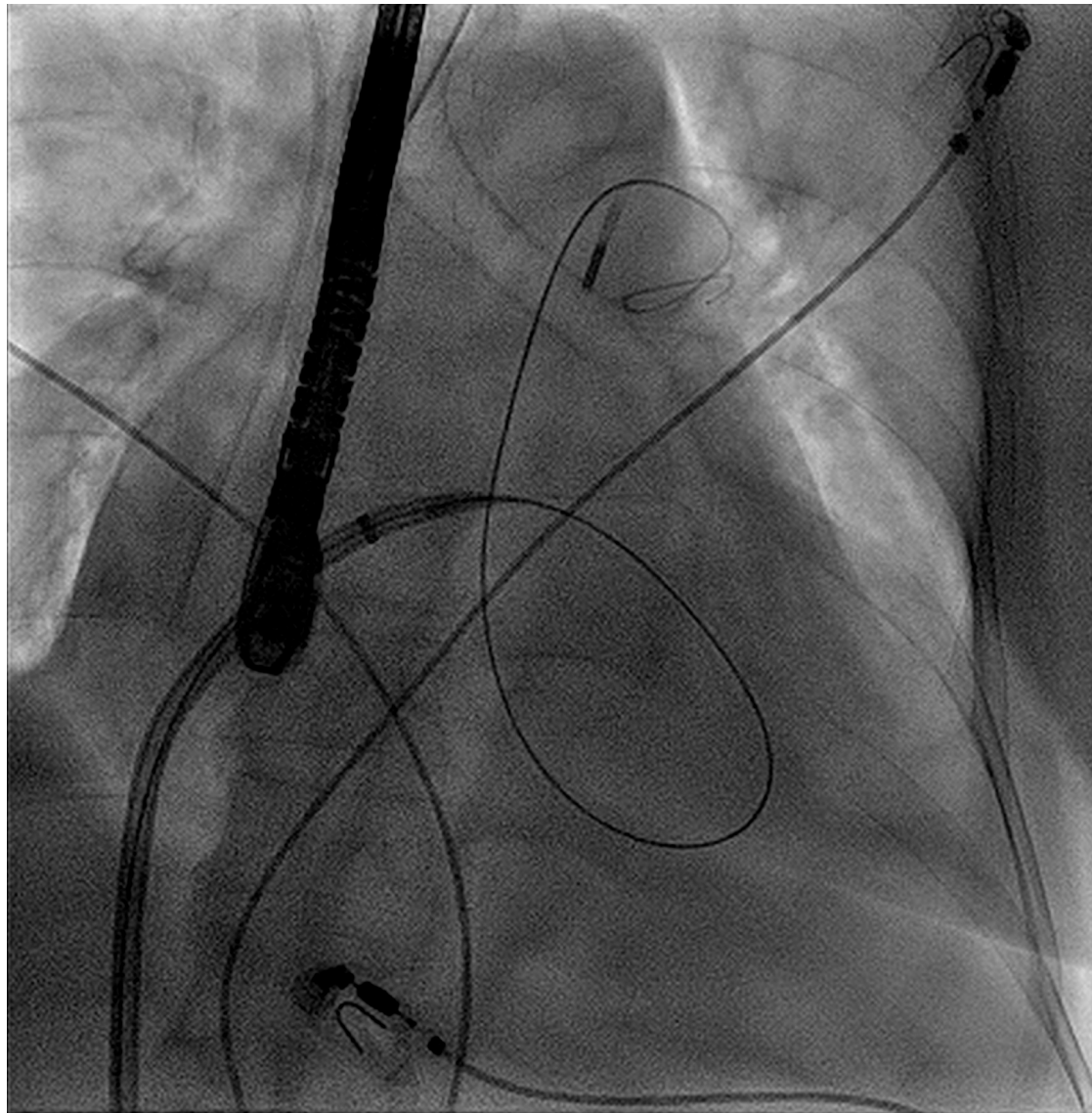
Matteo Pozzi ^{1*}, Daniel Grinberg ¹, and Gilles Rioufol ²

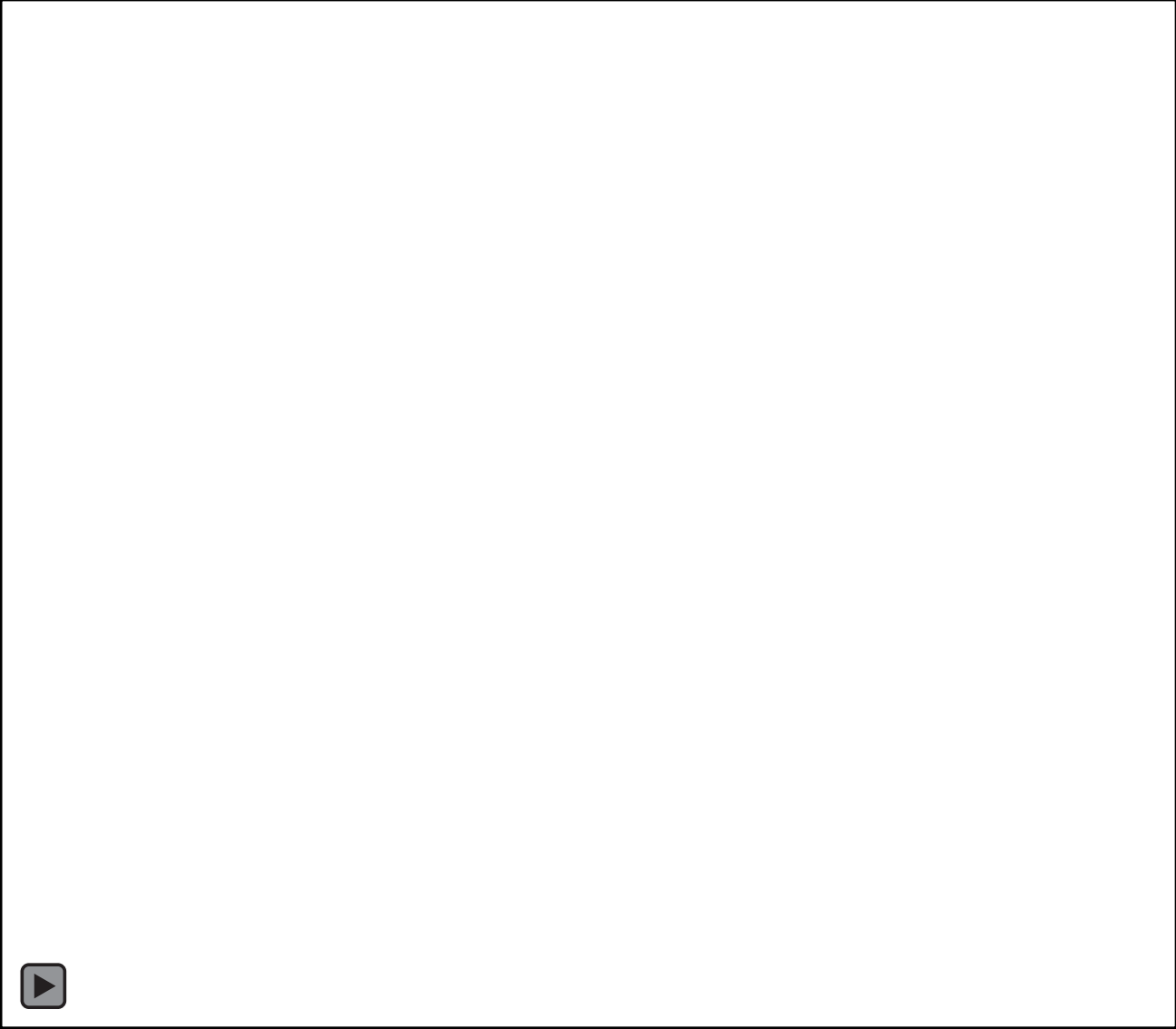
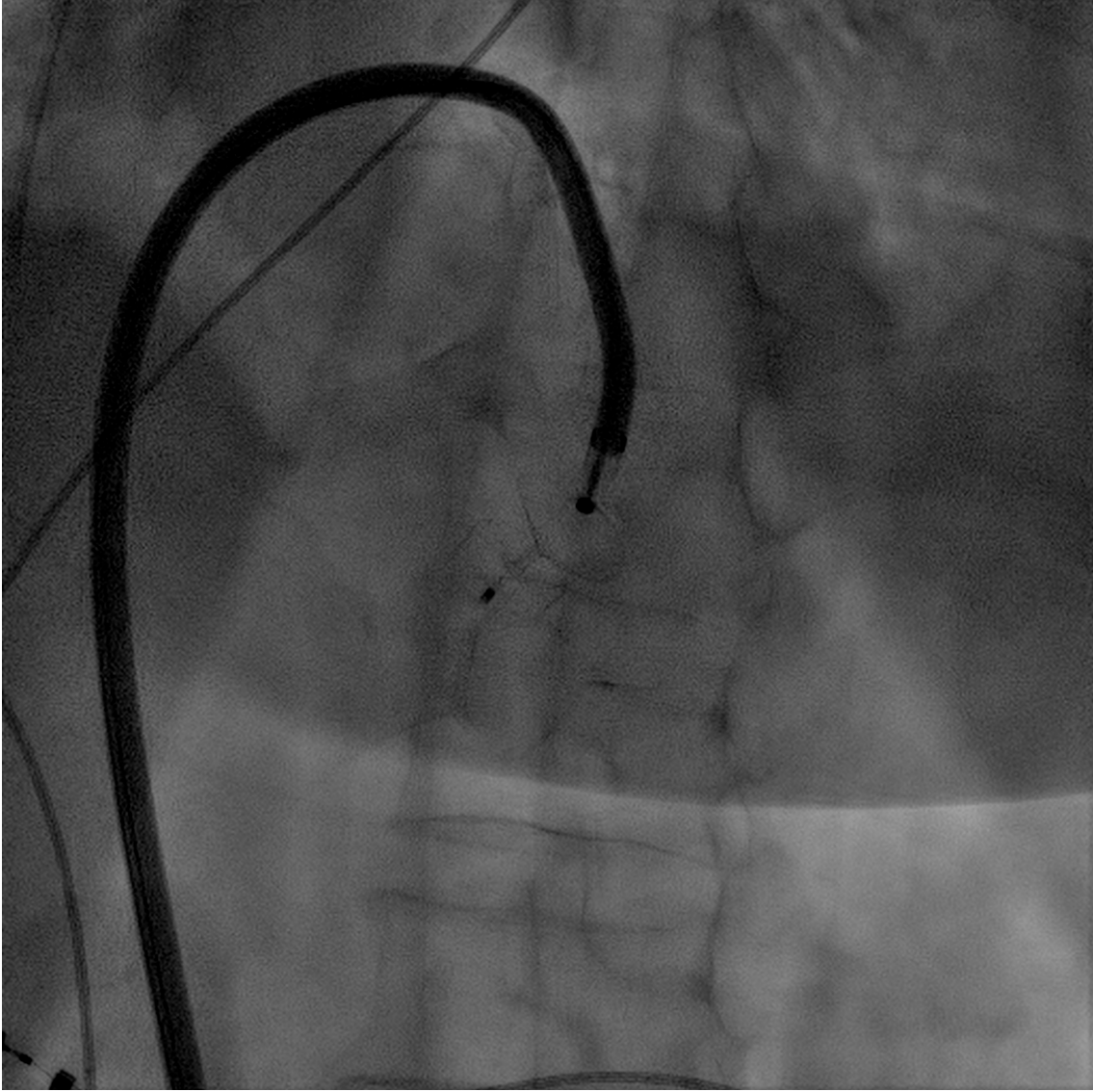


Ventricular Septal Defect











CONCLUSIONS

Cross fertilization coronaire - structurel

Sécurisation des procédures structurelles

Confiance dans des procédures complexes malgré situation clinique instable

Black belt echo-team

Réversibilité hémodynamique réaliste

Délai de réalisation

