

Post-Operative Management After Repair of TGA

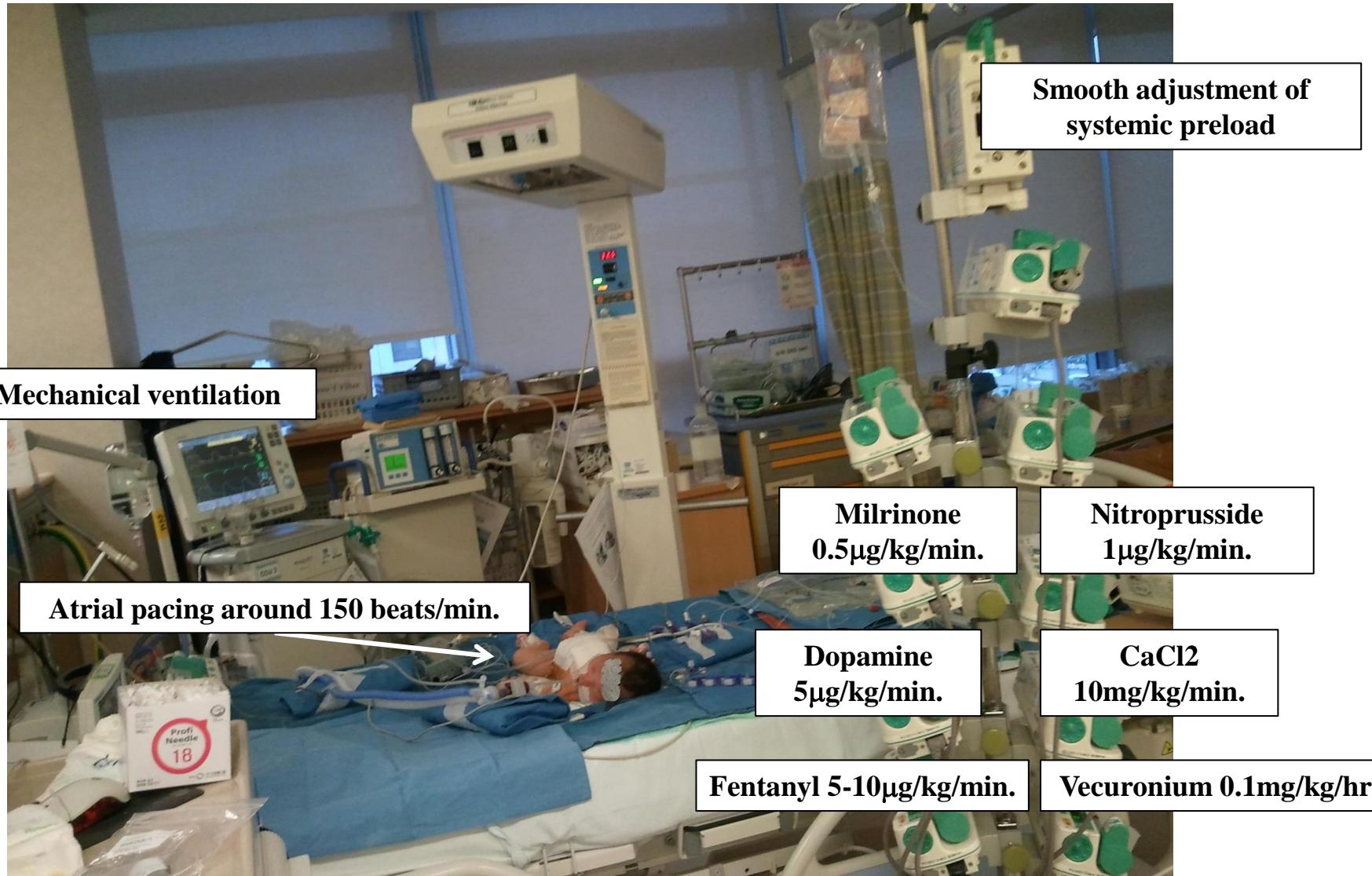
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Main goal of postoperative management

*“Help **LV adaptation** by providing a major reduction in afterload”*

Arterial switch operation / 6days old / 3.2kg

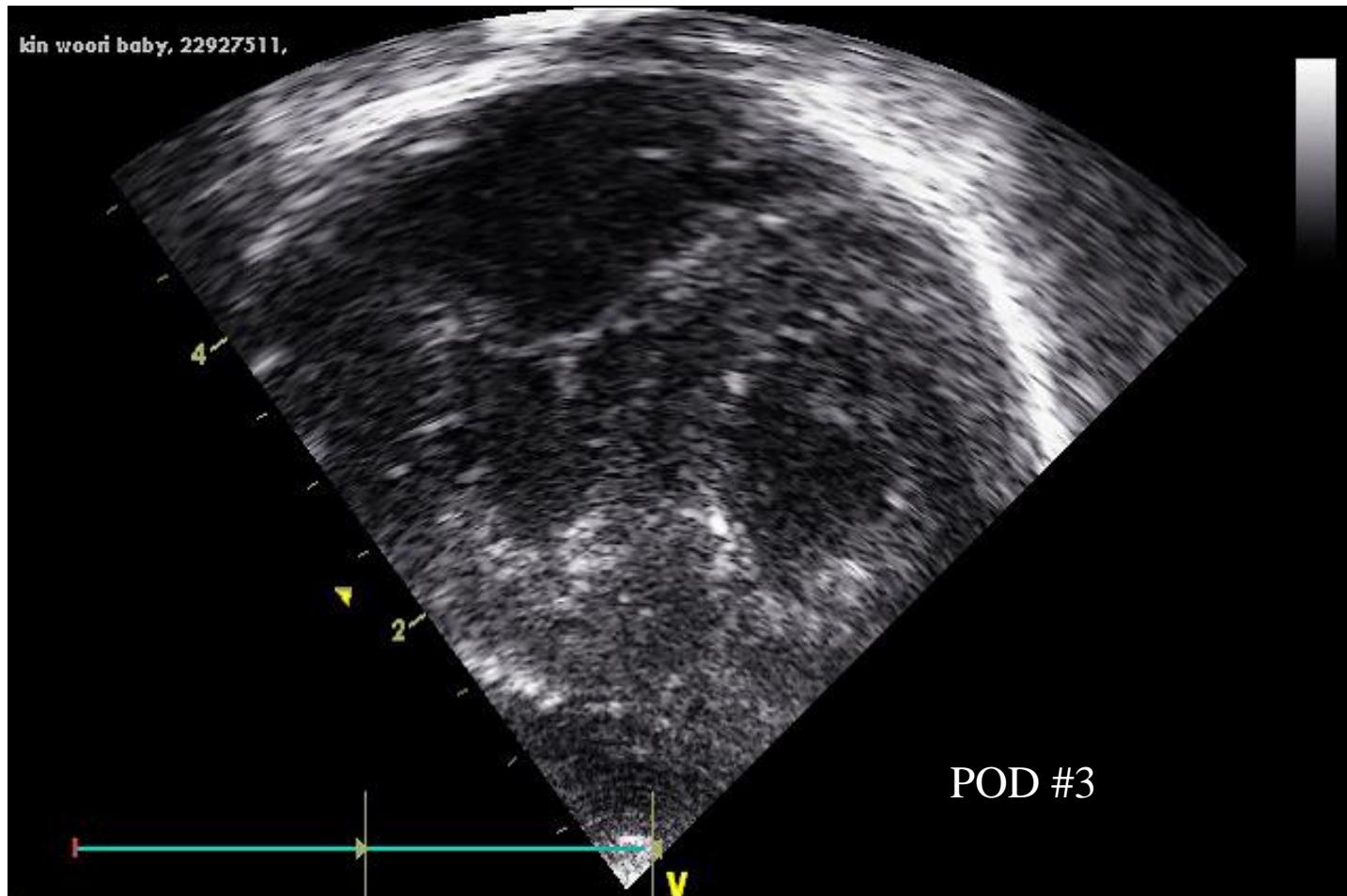


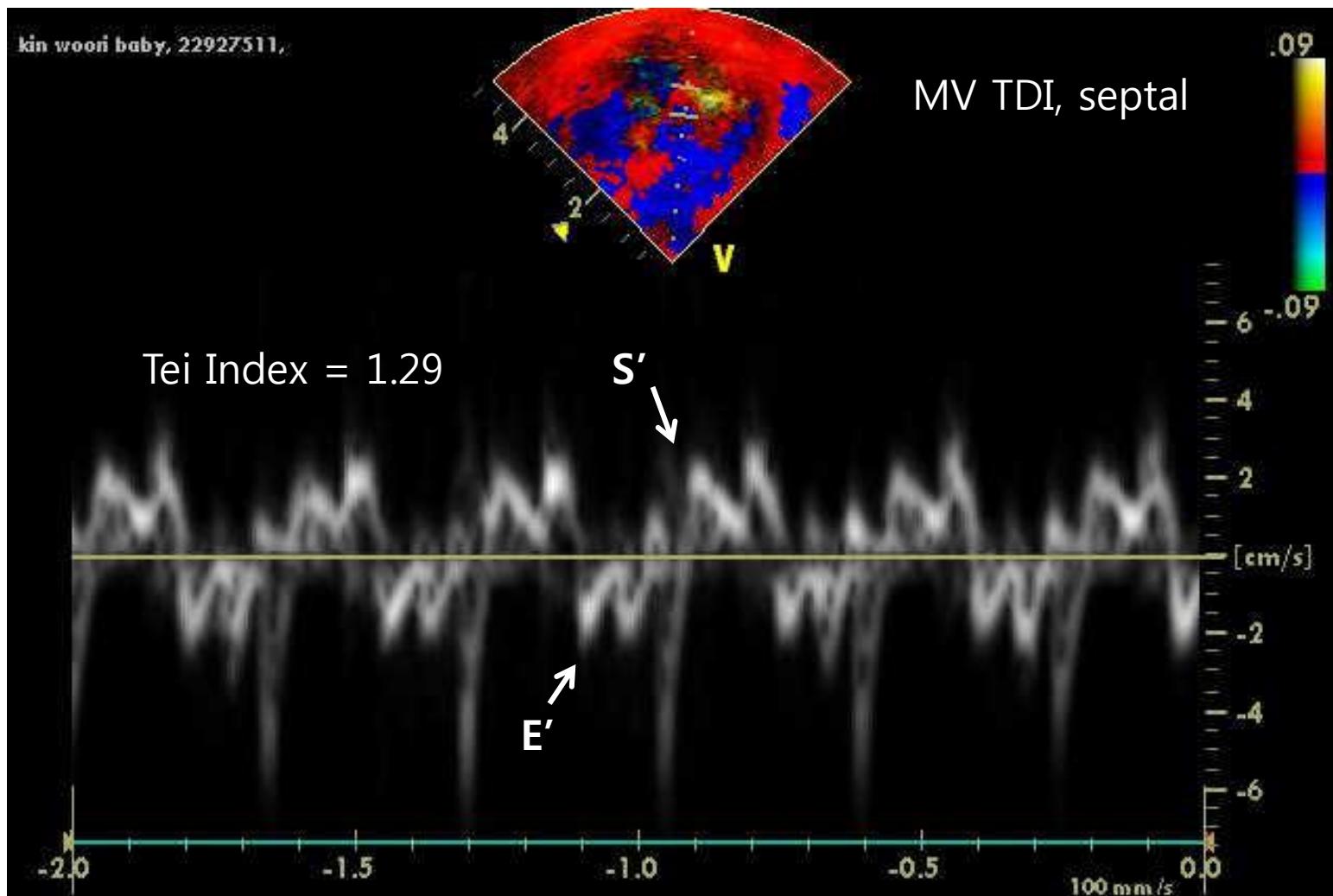


Special considerations

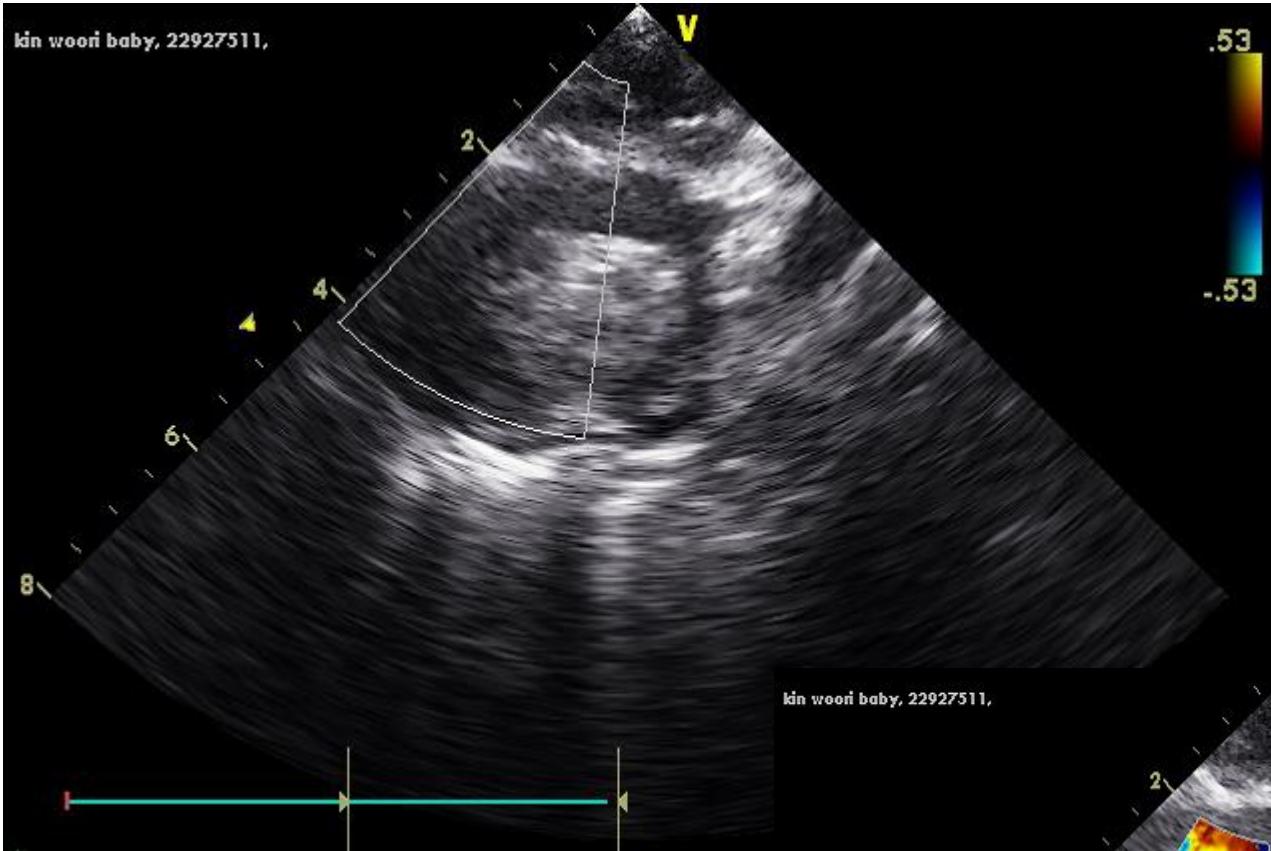
Left Ventricular Dysfunction

Arterial switch operation / 9days old / 3.5kg (POD #3)

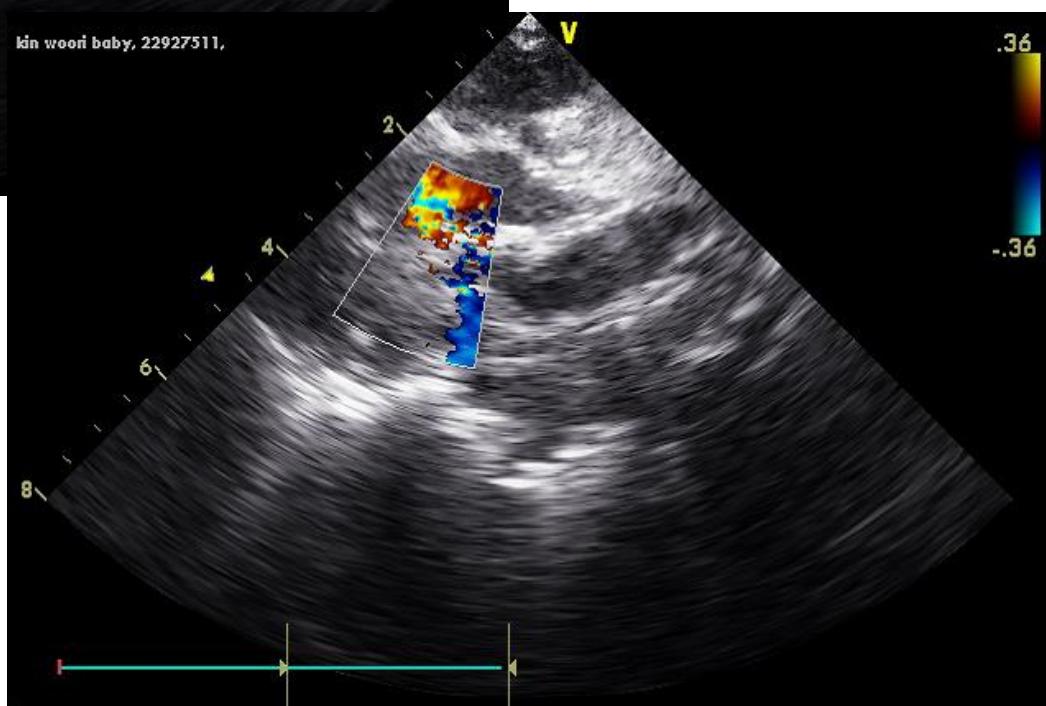




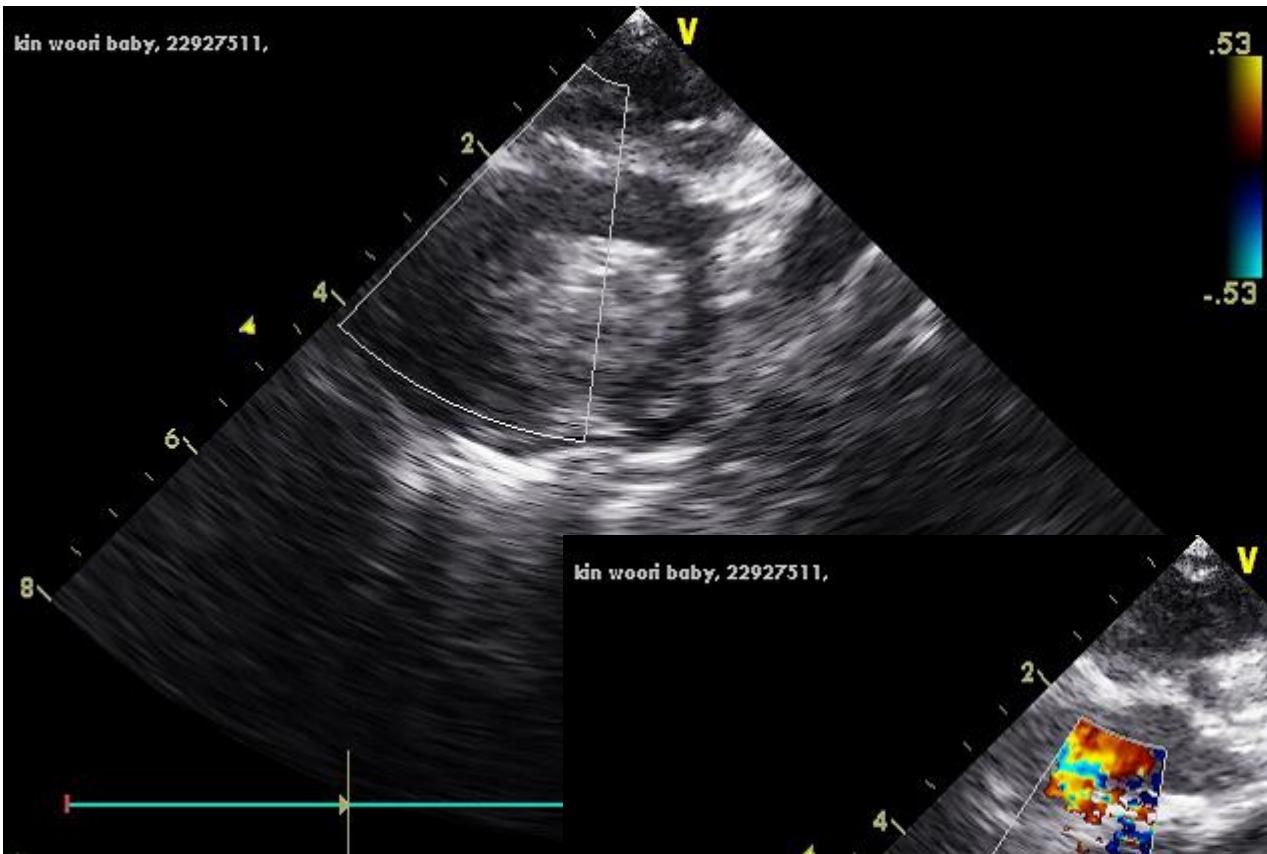
kin woori baby, 22927511,



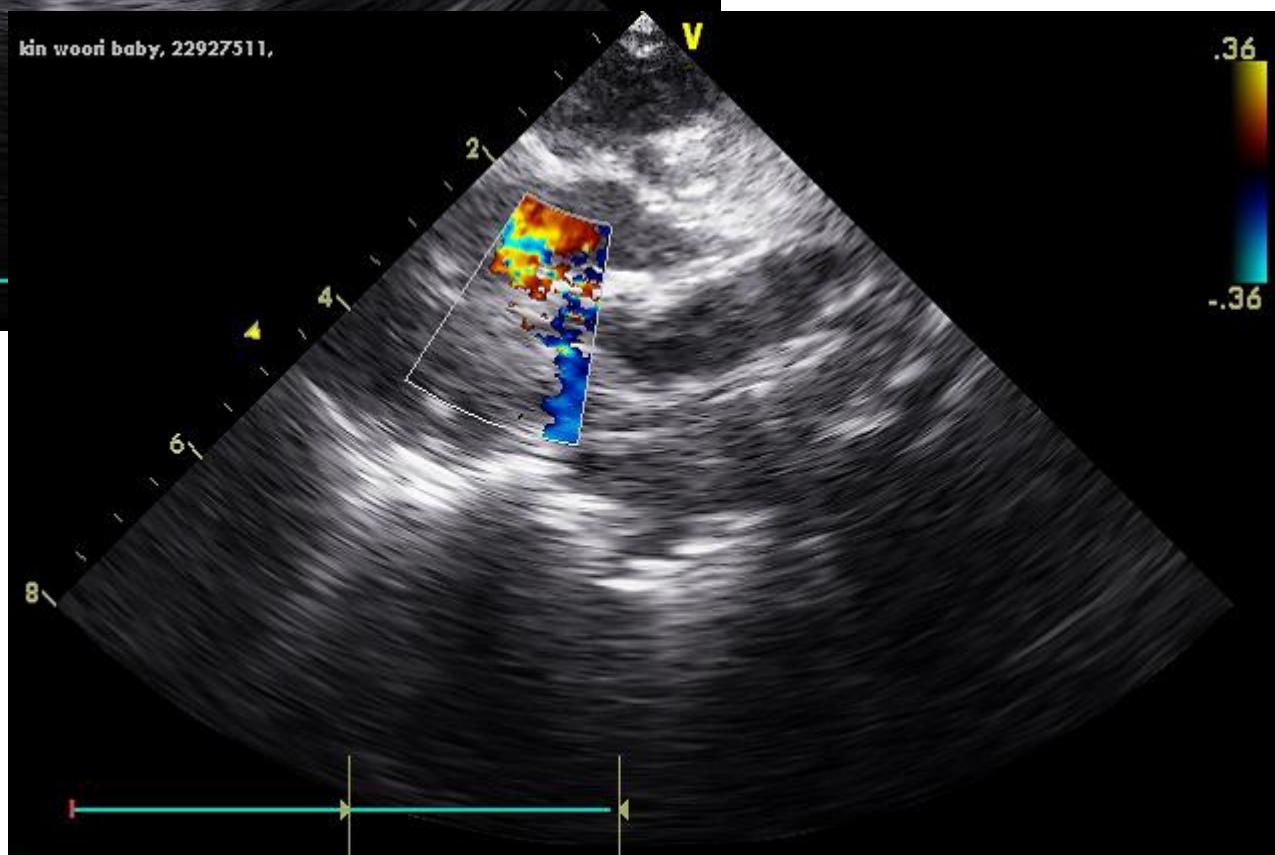
kin woori baby, 22927511,



kin woon baby, 22927511,

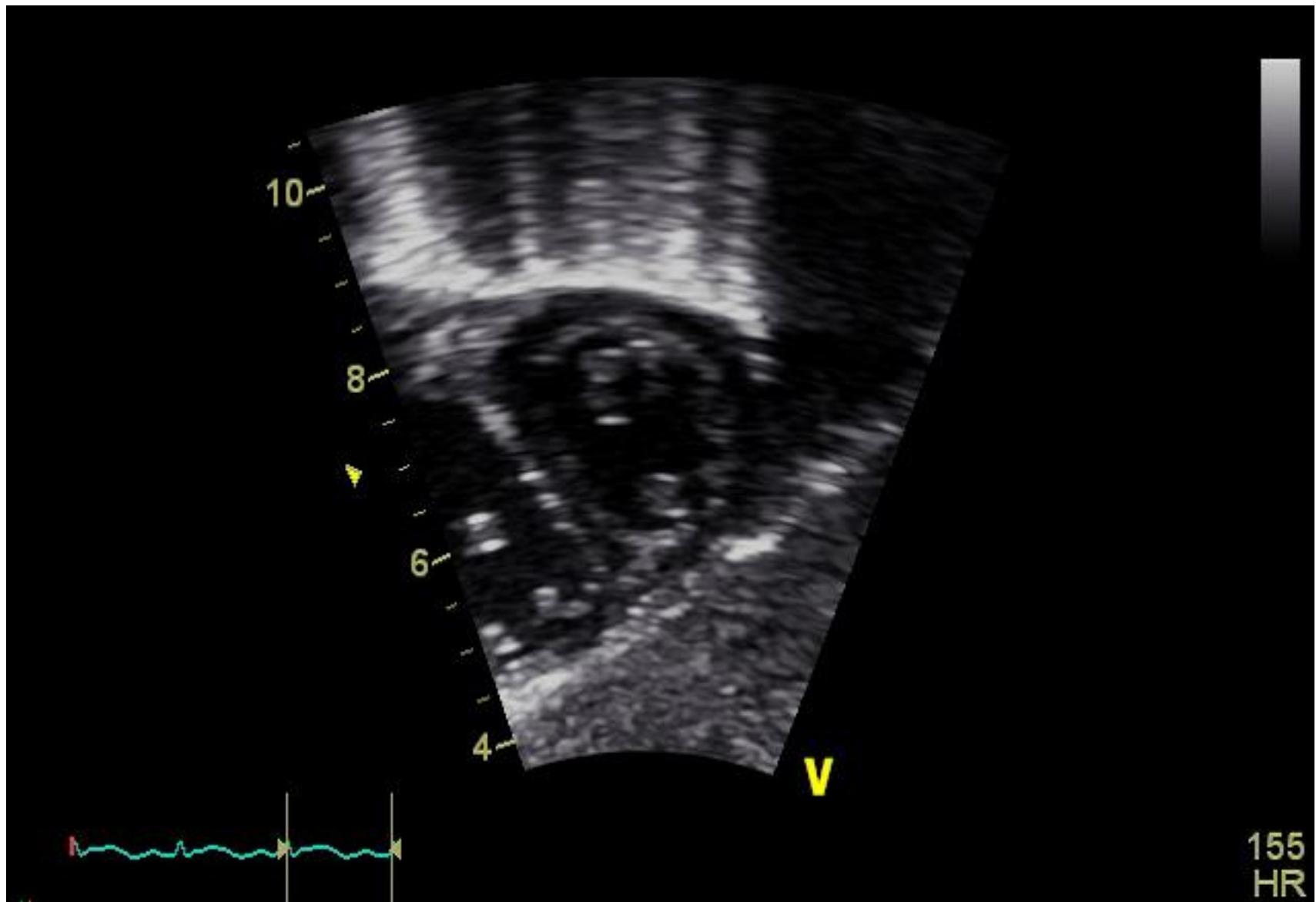


kin woon baby, 22927511,



A photograph of a newborn baby lying in a hospital bed, connected to a complex medical circuit for peritoneal dialysis. The baby is wearing a white onesie and has several clear plastic bags attached to their abdomen via tubes. A medical professional's arm is visible in the background, holding a clipboard. The setting is a clinical hospital room.

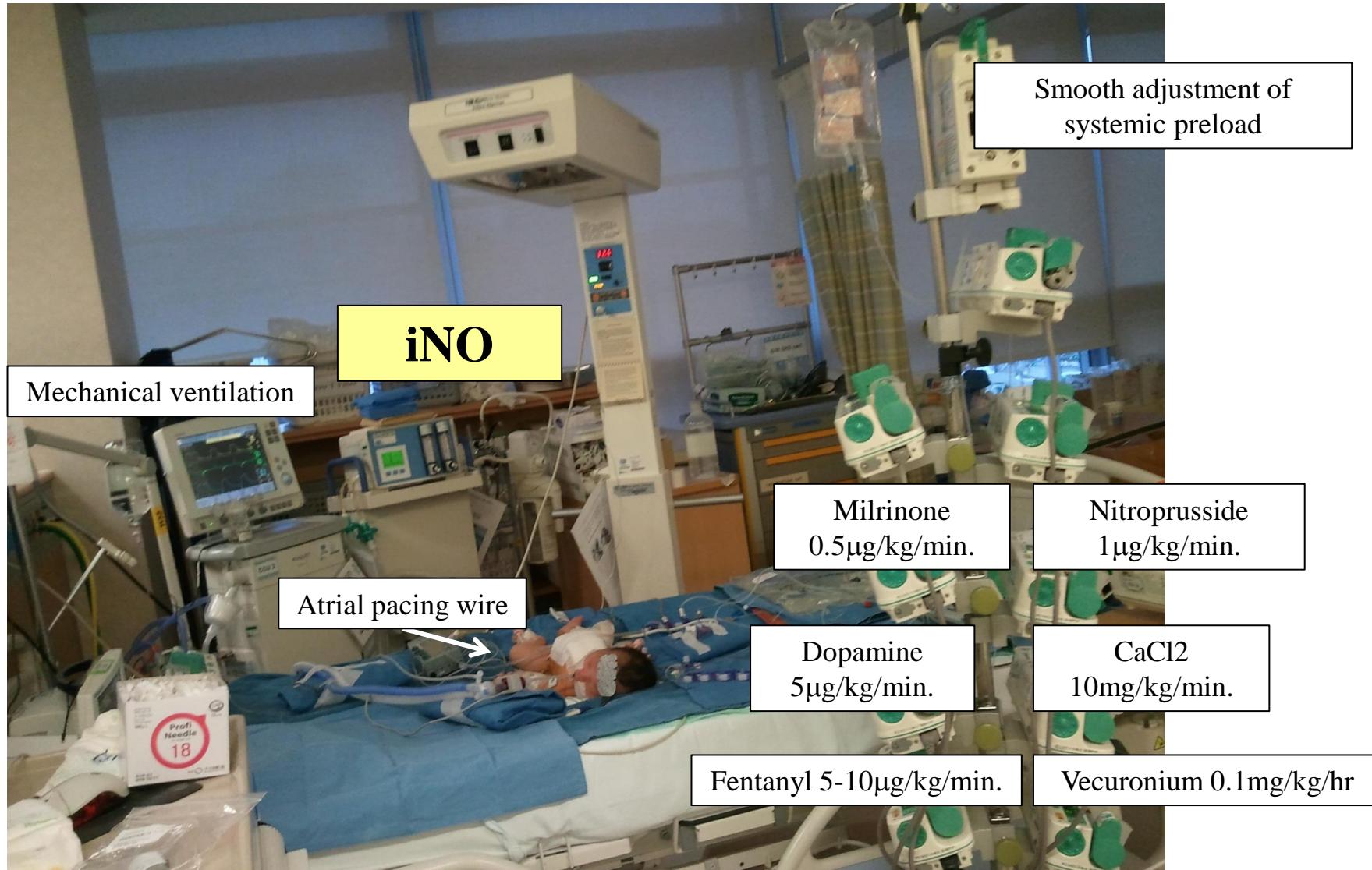
Peritoneal dialysis

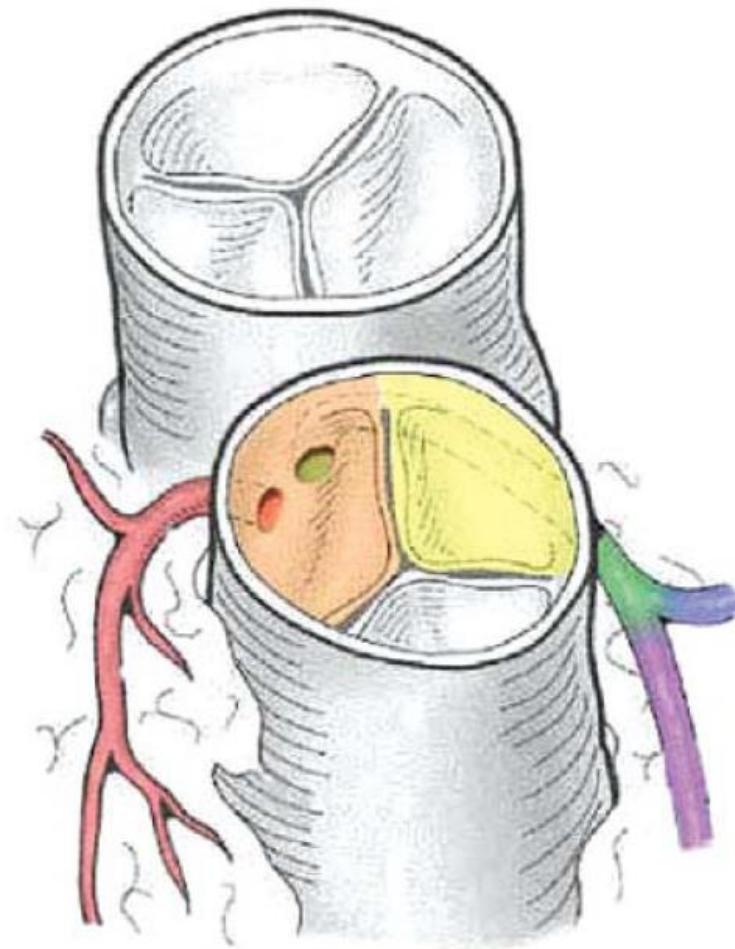
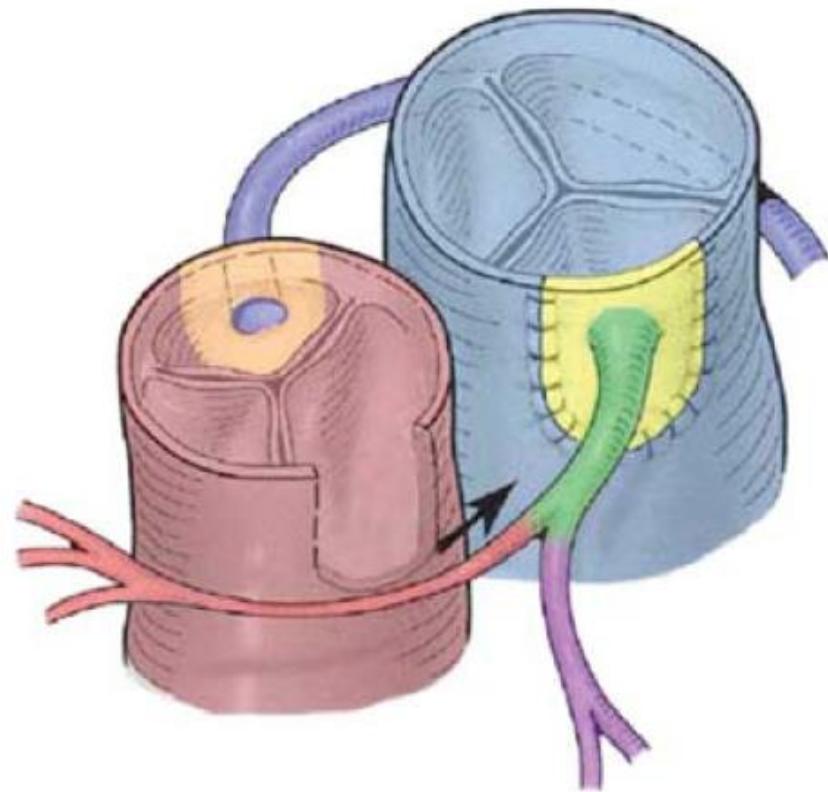


Pulmonary Hypertension

■ Incidence

Diagnosis	Total No. of patients	Pulmonary hypertensive events		No. of early death (%)
		No.	%	
TAPVC	90	36	40	10 (11)
Truncus Arteriosus	47	14	30	11 (23)
TGA	97	14	14	6 (6)
VSD	414	59	14	10 (2)
HLHS	50	4	8	24 (48)
AV canal	182	11	6	14 (8)
Total	880	138	16	75 (8.5)





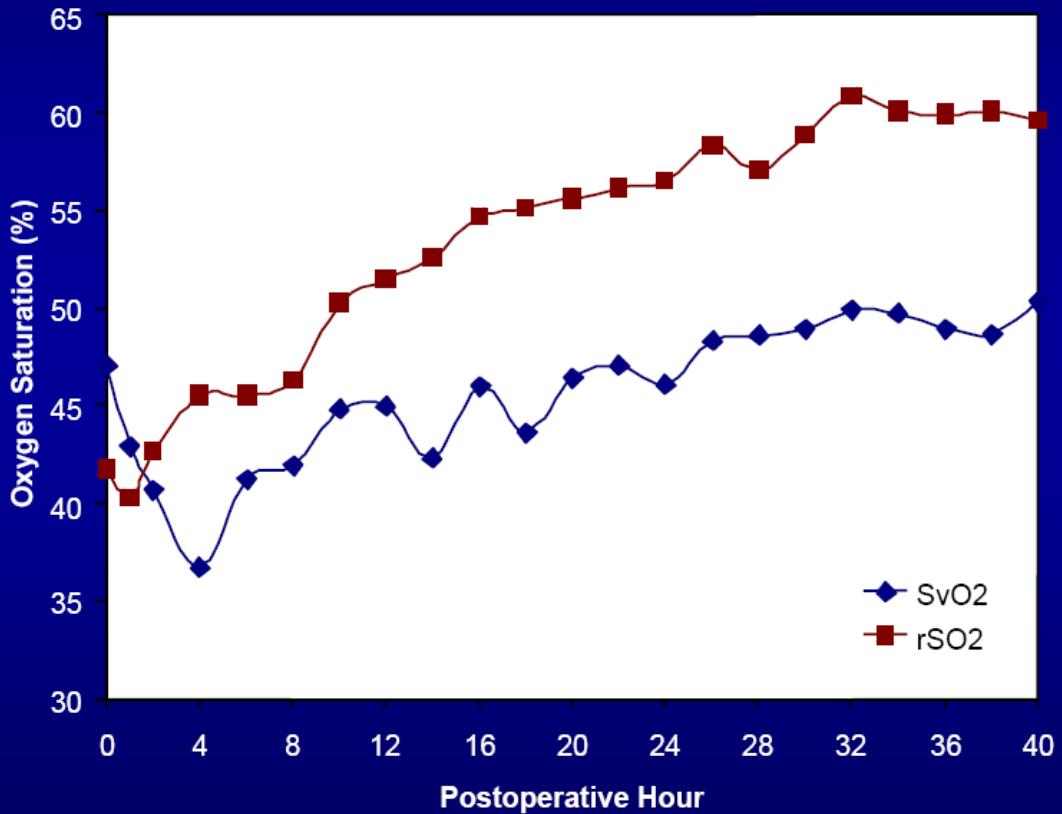
Delayed Sternal Closure

- High venous pressure
- Poorly functioning ventricle
- High ventilation pressure
- Attempted chest closure raises the venous pressure by more than 2mmHg or stay high (10mmHg)

Near Infrared Spectroscopy —

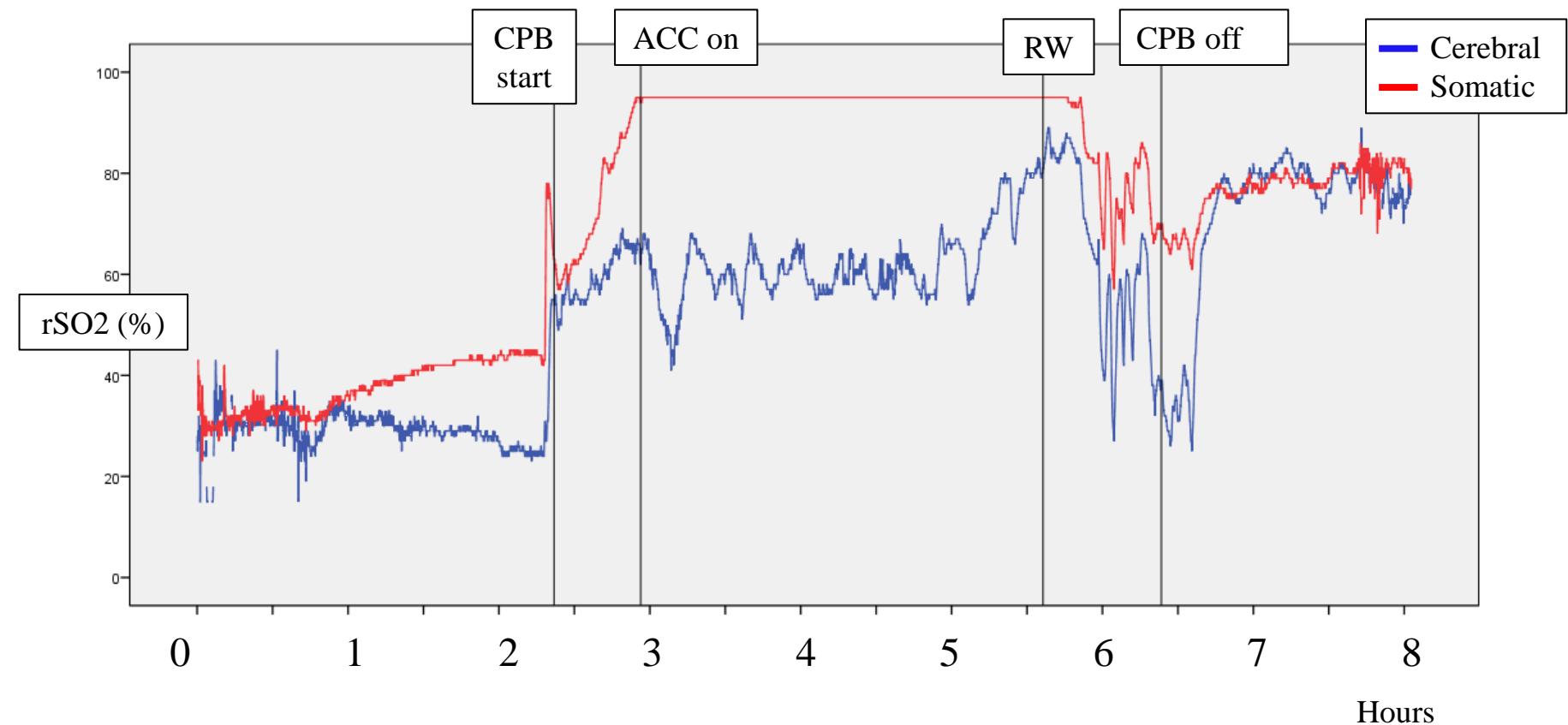


NIRS



Arterial switch operation / 4days old / 3.3kg

At Operating Room



At Intensive Care Unit

