

# 2022 hypoxia

Permission to print:	Yes
Category	hypoxia
Incident type	Harmful incident
Duration of incident:	seconds
Description:	Elective CABG using a Sorin S5 HLM. I initiated CPB (trainee under supervision) and immediately the surgical registrar announced the blood was very dark. My supervisor alerted my attention to the gas flow control which was reading zero. I had forgot to turn the gas flow on before going on bypass. The gas flow was immediately turned on to 2.5 LPM (FiO2 was at .65). There was transient hypoxia - the CONNECT data management system revealed the SaO2 was <100% for 60s (93% and 81% at 30s intervals) and the SvO2 <65% for 30s (54%).
GOOD CATCH - what went well	Registrar identified the dark blood and gas flow was turned on and supervisor in attendance. The Blood saturation quickly returned to normal
What could we do better	Leaving gas flow on once it has been tested pre-bypass at the in theatre checks. Observing the clour in the arterial line as CPB commences as well as the SaO2, sweep gas
Preventive actions	Development of a consistent routine when setting up in theatre, including leaving things as they are once they have been tested and checked off and watching for adequate gas exchange as above.
Type of incident:	Management
Hospital incident filed:	No
Ext Authority Advised	No
Discussed with team:	No
Rule issue	Yes
Skill issue	No
Knowledge issue	Yes
Protocol issue	No
Patient outcome varianc	Nil