



Figure 1. Clinical intervention algorithm in the SafeBoosC phase II randomised clinical trial. The broken lines describe the suggested assessments that should be done in case of $rStO_2$ is out of range. Abbreviations: $rStO_2$ means regional tissue oxygen saturation of haemoglobin; CRT, capillary refill time; CO, cardiac output; SVC, superior vena cava; MAP, mean airway pressure; PDA, patent ductus arteriosus; [Hb], blood haemoglobin concentration; RBC, red blood cells; SaO_2 , arterial haemoglobin saturation; FiO_2 , inspired oxygen fraction; PCO_2 , partial pressure of carbon dioxide.