Version 2 – Supplementary File 3

Target-Controlled Infusion Sedation Flowsheet (V2)

 C_{pT-} target plasma concentration

Key

C_{eT} -target effect site concentration

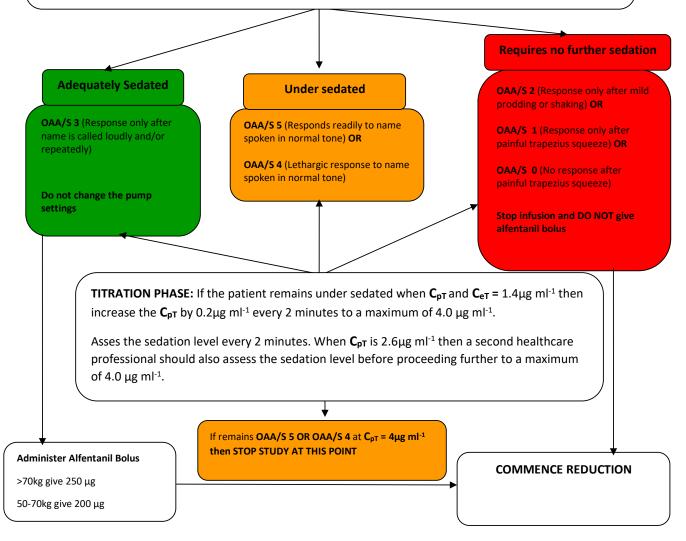
OAA/S – Observer's Assessment of Alertness/Sedation Scale

Apply patient monitoring and secure suitable IV access Connect patient to the TCI pump and commence supplemental O_2 at 4 L min⁻¹

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INITIAL PHASE: Set C_{pT} at 1.4 μ g ml $^{-1}$ and Start TCI propofol (1%). Monitor C_{eT} and assess sedation as C_{eT} rises to 1.0 μ g ml $^{-1}$, 1.2 μ g ml $^{-1}$ and 1.4 μ g ml $^{-1}$. The patient is likely to be under sedated in this initial phase but follow the algorithm below if they become adequately sedated or require no further sedation.

If the patient remains under sedated when C_{DT} and C_{eT} = 1.4µg ml⁻¹ then proceed to the **TITRATION PHASE.**



On completion of the reduction the infusion should be stopped and the patient observed until complete recovery

If an adverse event occurs, the TCI should be stopped immediately