

Evidence Discussion

Monitored Anesthesia Care (MAC) Rationale

Monitored Anesthesia Care (MAC) during spinal procedures secures the airway and guarantee spontaneous respiration without endotracheal intubation. The three fundamental elements and purposes of a conscious sedation during a MAC are: a safe sedation, the control of the patient anxiety and the pain control. The patients undergoing conscious sedation are able to answer to orders appropriately. MAC is indicated in order to assure patient tolerance during deep procedures and prevent patient movements which could jeopardize patient safety. Risks associated with MAC are hypotension and bradycardia. (1)

Kim H, Park S, Lim Y, Bang S. Monitored Anesthesia Care in Minimally Invasive Spine Surgery-A Retrospective Case Series Study. Medicina (Kaunas). 2023 Dec 26;60(1):43.