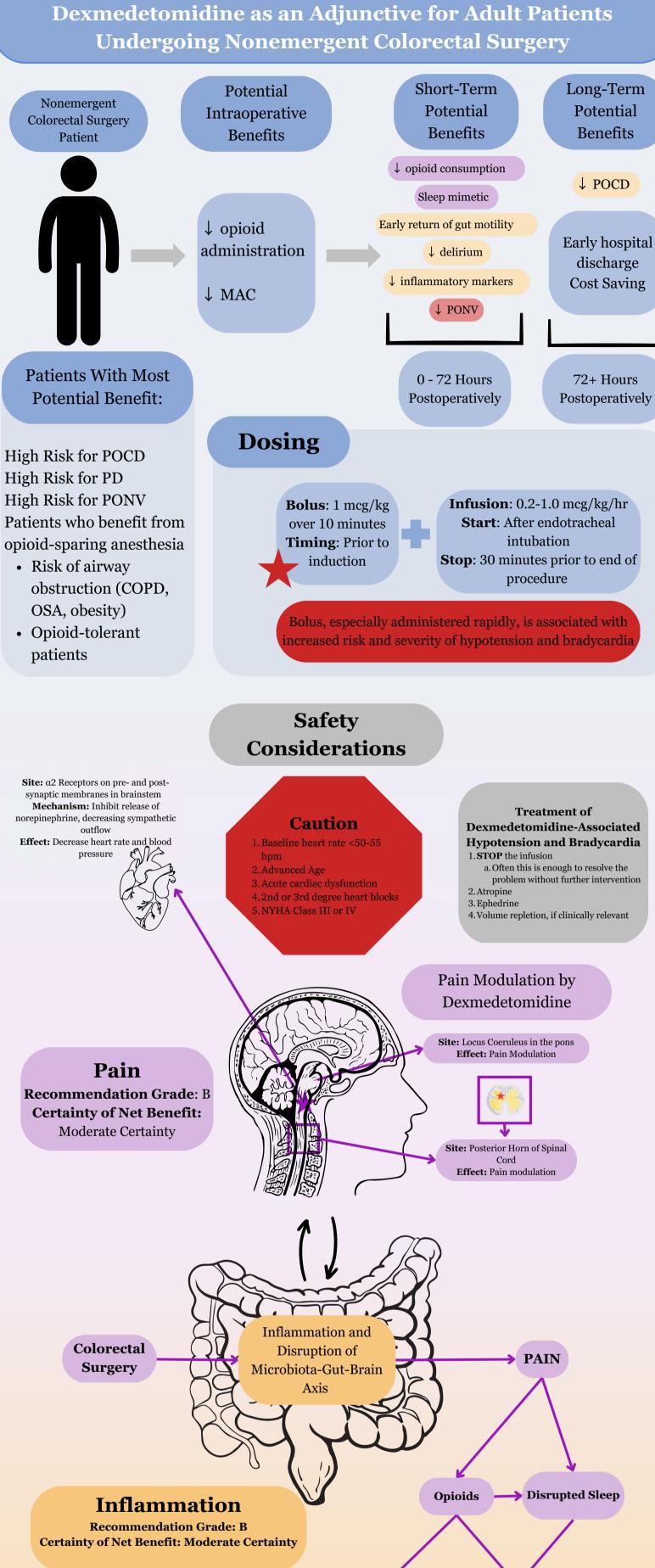
## Practice Considerations for Intraoperative Administration of Dexmedetomidine as an Adjunctive for Adult Patients **Undergoing Nonemergent Colorectal Surgery**



in several serum inflammatory markers: CRP

Dexmedetomidine is linked to a decrease

IL-4 Intestinal Diamine TNF-α Fatty-Acid Oxidase Binding Protein

**Postoperative Nausea and Vomiting Recommendation Grade**: B **Certainty of Net Benefit: Moderate Certainty** 

**Proposed Mechanisms for Dexmedetomidine's Influence on PONV** 

**Postoperative** 

**Delirium** and

Cognitive **Dysfunction** 

Opioids decrease intestinal **↓** opioids

anesthetics

**Postoperative Ileus** 

mobility, gastric emptying, and GI secretions

Dose-dependent relationship ↓ MAC of between volatile anesthetic volatile

and PONV

Theory: enhanced nausea sympathetic erception related to sympathetic activity activity