



McLean County Area EMS System

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December 4, 2023

System Members,

Updates have been made to the DAI protocol as of December 4th, 2023. (See below)

The protocol update states:

- Fentanyl (1 mcg/kg) (**with a max dose of 200 mcg** for initial sedation)
- Midazolam (0.1mg/kg) (with a **max dose of 10 mg** for initial sedation)
- You may administer Midazolam 0.05mg/kg **every 5 minutes (Max 10mg)** for post intubation sedation.

Please review the attachment outlining these protocol changes

Protocol Update Explanation:

- **Midazolam:** Unanticipated clinical situations have resulted in large doses of midazolam (>20mg) for initial sedation. These large doses result in hypotension with minimal benefits for increase sedation. The new dosing is intended to limit hypotensive side effects in a larger BMI patient, while ensuring anxiolysis and hypnosis. While Midazolam is not as effective as Ketamine in producing general anesthesia, the dose along with the Fentanyl should allow for disassociation when Rocuronium is administered.
- **Fentanyl:** The larger initial max dose of Fentanyl should balance the anxiolysis and hypnosis for obese patients receiving the max dose of Midazolam. Fentanyl also offers systemic pain control through out the intubation event.

All agencies should currently have 6 vials of Midazolam on each transport vehicle. If you are an agency that has a long transport time, please contact the office if you feel that you need an additional two vials of Midazolam.

If you have any questions, please contact the McLean County Area EMS System at (309) 827-4348.

Sincerely,

Kris

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