

EMERGENCY ALERT Anesthesia / Surgery Alerts



Potential Risks with Ehlers-Danlos Syndromes (EDS), Mast Cell Activation Syndrome (MCAS)/multiple chemical sensitivities, dysautonomia

Unstable C spine, TMJD, joint dislocation/subluxation/neurologic injury, occipitalatlantoaxial instability, fragile mucosa/skin, ↓ C spine mobility, ↓ oral opening, ↑ lung injury/pneumothorax/shunt with PPV, ↑ ocular injury, arterial/intestinal rupture, poor wound healing



Name: _____
DOB: _____

1. Consider elective fiberoptic or videolaryngoscopy (Increased risk Diff Intubation/difficult Mask Vent)
2. Consider smaller ETT & ↓ cuff & airway pressures
3. Avoid hyperextension/hyperabduction/ocular pressure/pressure points.
4. Position change (esp under GA) can → joint dislocation/subluxation
5. Careful with positioning devices/adhesive tape/ ECG leads. Shear forces can → skin tearing
6. Inquire if altered local anesthetic sensitivity (slow onset, LA resistance, ↑ sensitivity all reported).
7. Increased fluids requirements (liberalize NPO

restrictions, pre/post hydrate) and use IVF warmer

8. Avoid Compazine/Reglan (extrapyramidal rx)
9. Noninvasive monitors preferred (vessel fragility)
10. Tourniquet risks/benefits ↑ (hematoma, compartment syn, diffuse bleeding after deflation)
11. Sutures may require extra layers, longer duration, less tension due to tissue fragility
12. Monitor carefully postop (↑ risk airway edema, bleeding, organ rupture, residual NMB, organ rupture, vascular dissection, pneumothorax)

To minimize mast cell activation:

1. Use opioid alternatives/adjuncts. Avoid morphine.
2. Consider pretreatment with steroid, H1/H2 antagonists and/or leukotriene antagonist
3. Treat mast cell flares (flushing, hives, urticaria, edema, abdominal pain, SOB, wheezing) with steroids, H1/H2, O2, nebs and/or epi
4. Diphenhydramine infusion may be needed for severe reactions.
5. Benzodiazepines helpful (stabilize mast cells)
6. Aggressively manage pain, as pain activates mast cells

For more details, visit <https://www.wiips.org>

Wisconsin Integrative Pain Specialists
715-600-1722 info@wiips.org