

Challenging Surgical Cases for Neuromuscular Blockade

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Case #1

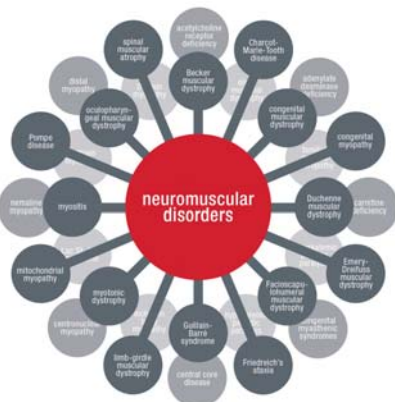
- 65 yo male presents for elective abdominal incisional hernia repair
- Allergies: None
- PMH: DM1, ESRD s/p kidney transplant, stroke with minor right sided weakness, peripheral neuropathy
- PSH: kidney transplant, multiple AV fistula procedures
- Meds: Tacrolimus, prednisone, insulin, omeprazole

Objectives

- Review representative neuromuscular disorders
- Case scenarios
 - Difficult peripheral nerve monitoring
 - Parturient with muscular disease
 - Demyelination disease in emergent surgery
 - Conflicts of surgical opinion on paralysis

Case #2

- 27 yo woman presents for elective cesarean section
- Allergies: None
- PMH: G1P0, 38 weeks gestation; limb-girdle muscular dystrophy, obesity BMI 45
- PSH: none
- Medications: None



Case #3

- 45 yo male presents for emergent laparoscopic appendectomy
- Allergies: None
- PMH: Amyotrophic lateral sclerosis diagnosed 4 years ago
- PSH: None
- Meds: Syndopa, ropinirole, clonazepam, Amitriptyline

Case #4

- 40 yo male presents for elective T7-8 anterolateral discectomy and allograft
- Allergies: Sulfa
- PMH: back pain, chronic pain syndrome, former smoker, bipolar disorder
- PSH: posterior thoracic fusion, nose surgery
- Meds: MS contin, oxycodone, lamotrigine, alprazolam