Table I. Neurologic intraoperative monitoring recommendations

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| **Maintenance**  |
| SSEP | SSEP + EMG | SSEP + EMG + MEP |
| Stable sevo/iso (<1 MAC) Remifentanil\*(0.125-0.25 mcg/kg/min)Muscle relaxation okay (may enhance signals) | Stable sevo/iso (<1 MAC)Remifentanil\*(0.125-0.25 mcg/kg/min) Muscle relaxation **contraindicated** | Stable **desflurane** (<4%)Remifentanil\*(0.125-0.25 mcg/kg/min)Muscle relaxation **contraindicated**\*Myelopathic patients or poor MEP signals may necessitate transition to a TIVA with a propofol infusion (100-200 mcg/kg/min); BIS monitor useful for TIVA |

\*May substitute any narcotic for remifentanil; the purpose of the narcotic is for titratability of anesthetic, as changing opioid levels have little impact on monitoring.