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.