Supplemental Tables 1-3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 1. Medication and Equipment Availability at National Referral Hospitals**  % of National Referral Hospitals reporting item as always (100% of the time), almost always (76-99%), often (51-75%), sometimes (26-50%), rarely (1-25%), or never (0%) available | | | | | | |
| **Item** | **Always** | **Almost Always** | **Often** | **Sometimes** | **Rarely** | **Never** |
| **Medication** | | | | | | |
| Aminophylline Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Amiodarone Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Atracurium Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Atropine Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Bupivacaine Intrathecal | 50% | 50% | 0% | 0% | 0% | 0% |
| Calcium Chloride Inj | 50% | 0% | 50% | 0% | 0% | 0% |
| Cisatracurium Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Codeine | 0% | 0% | 0% | 0% | 0% | 100% |
| Dantrolene Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Dextrose 50% Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Diazepam | 0% | 0% | 0% | 0% | 50% | 50% |
| Dobutamine Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Dopamine Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Ephedrine Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Epinephrine Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Ergometrine | 0% | 0% | 50% | 0% | 0% | 50% |
| Fentanyl Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Furosemide Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Gabapentin | 0% | 0% | 0% | 0% | 0% | 100% |
| Halothane | 0% | 0% | 0% | 0% | 0% | 100% |
| Hydralazine Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Hydrocortisone Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Intralipid For Local Anesthetic Toxicity | 0% | 0% | 0% | 0% | 0% | 100% |
| Isoflurane | 50% | 50% | 0% | 0% | 0% | 0% |
| Ketamine | 50% | 50% | 0% | 0% | 0% | 0% |
| Lidocaine 1% Or 2% Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Lidocaine 5% Intrathecal | 0% | 50% | 0% | 0% | 0% | 50% |
| Magnesium Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Mannitol | 0% | 100% | 0% | 0% | 0% | 0% |
| Meperidine (Pethidine) Inj | 0% | 0% | 50% | 0% | 50% | 0% |
| Metaraminol | 0% | 0% | 0% | 0% | 0% | 100% |
| Methadone | 0% | 0% | 0% | 0% | 0% | 100% |
| Midazolam | 50% | 50% | 0% | 0% | 0% | 0% |
| Milrinone Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Misoprostol | 100% | 0% | 0% | 0% | 0% | 0% |
| Morphine Inj | 0% | 100% | 0% | 0% | 0% | 0% |
| Nalbuphine | 0% | 0% | 0% | 0% | 0% | 100% |
| Naloxone Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Neostigmine Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Nitroglycerin Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| Nitrous Oxide | 0% | 50% | 0% | 0% | 0% | 50% |
| Norepinephrine Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| NSAID Inj Or Tablets\* | 100% | 0% | 0% | 0% | 0% | 0% |
| Oxycodone | 0% | 0% | 0% | 0% | 0% | 100% |
| Oxytocin Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Pancuronium Inj | 0% | 50% | 0% | 50% | 0% | 0% |
| Paracetamol (Acetaminophen) Inj Or Tablets | 0% | 0% | 0% | 50% | 0% | 50% |
| Phenylephrine Inj | 0% | 50% | 0% | 0% | 0% | 50% |
| Potassium Chloride Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Propofol Inj | 0% | 100% | 0% | 0% | 0% | 0% |
| Rocuronium Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Sevoflurane | 0% | 100% | 0% | 0% | 0% | 0% |
| Succinylcholine (Suxamethonium) Inj | 50% | 50% | 0% | 0% | 0% | 0% |
| Thiopental Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Tramadol | 0% | 0% | 0% | 0% | 50% | 50% |
| Vecuronium Inj | 50% | 0% | 0% | 0% | 0% | 50% |
| **Equipment** | | | | | | |
| Adult anesthesia breathing circuits | 0% | 100% | 0% | 0% | 0% | 0% |
| Adult Endotracheal tubes (size: 6.0-8.0) | 0% | 100% | 0% | 0% | 0% | 0% |
| Adult Laryngeal mask airways (sizes 3, 4, 5) | 0% | 100% | 0% | 0% | 0% | 0% |
| Adult Laryngoscope (blade size 3-4) | 50% | 50% | 0% | 0% | 0% | 0% |
| Adult Oral airways | 0% | 100% | 0% | 0% | 0% | 0% |
| Adult self-inflating breathing bag/mask | 50% | 50% | 0% | 0% | 0% | 0% |
| Air conditioning in operating theatre | 0% | 100% | 0% | 0% | 0% | 0% |
| Autoclave | 50% | 50% | 0% | 0% | 0% | 0% |
| Bellows or bag to inflate lungs | 0% | 100% | 0% | 0% | 0% | 0% |
| Blood gas analyzer | 0% | 100% | 0% | 0% | 0% | 0% |
| Blood Pressure Monitor (Intra-Arterial) | 0% | 50% | 0% | 0% | 0% | 50% |
| Blood Pressure Monitor (Non-Invasive, Automatic) | 0% | 50% | 0% | 0% | 0% | 50% |
| Blood Pressure Monitor (Non-Invasive, Manual) | 0% | 50% | 50% | 0% | 0% | 0% |
| Bougies | 0% | 0% | 0% | 0% | 0% | 100% |
| Capnography (Continuous Waveform) | 0% | 50% | 0% | 50% | 0% | 0% |
| Capnography (Spot Check) | 0% | 50% | 0% | 0% | 0% | 50% |
| Catheter for bladder catheterization | 0% | 100% | 0% | 0% | 0% | 0% |
| Defibrillator | 0% | 100% | 0% | 0% | 0% | 0% |
| Electric warming blanket | 50% | 0% | 0% | 50% | 0% | 0% |
| Electrocardiograph electrodes | 0% | 50% | 50% | 0% | 0% | 0% |
| Electrocardiograph monitor | 0% | 100% | 0% | 0% | 0% | 0% |
| Emergency Cricothyroidotomy/ Tracheostomy Supplies | 0% | 50% | 0% | 0% | 0% | 0% |
| Epidural placement supplies | 0% | 100% | 0% | 0% | 0% | 0% |
| Eye protection for staff | 0% | 0% | 0% | 0% | 0% | 100% |
| Face masks of various sizes | 0% | 100% | 0% | 0% | 0% | 0% |
| Gloves (non-sterile) | 50% | 50% | 0% | 0% | 0% | 0% |
| Gloves (sterile) | 50% | 50% | 0% | 0% | 0% | 0% |
| Glucose measurement device | 50% | 50% | 0% | 0% | 0% | 0% |
| Hand sanitizer or soap | 50% | 50% | 0% | 0% | 0% | 0% |
| Hemoglobin measurement device | 0% | 50% | 0% | 0% | 0% | 50% |
| Infant incubator | 0% | 50% | 50% | 0% | 0% | 0% |
| Infusion pumps | 50% | 0% | 0% | 50% | 0% | 0% |
| Isotonic crystalloid IV fluid | 0% | 100% | 0% | 0% | 0% | 0% |
| IV Cannulas (18g, 22g, and 24g) | 0% | 100% | 0% | 0% | 0% | 0% |
| IV infusion/drug injection equipment | 50% | 50% | 0% | 0% | 0% | 0% |
| IV pressure infuser bag | 0% | 50% | 0% | 0% | 0% | 50% |
| Magill forceps | 50% | 50% | 0% | 0% | 0% | 0% |
| Nasal airways | 0% | 100% | 0% | 0% | 0% | 0% |
| Nasogastric tubes (10-16F) | 0% | 100% | 0% | 0% | 0% | 0% |
| Neuromuscular transmission monitor (for assessing neuromuscular block) | 50% | 50% | 0% | 0% | 0% | 0% |
| Operating table with tilting function | 50% | 50% | 0% | 0% | 0% | 0% |
| Operating Theatre Lighting | 50% | 50% | 0% | 0% | 0% | 0% |
| Oxygen Concentrator (Portable) | 0% | 50% | 0% | 0% | 50% | 0% |
| Oxygen Generation Plant (Central) | 0% | 0% | 0% | 0% | 0% | 100% |
| Oxygen supply failure alarm; inspired oxygen analyzer | 0% | 100% | 0% | 0% | 0% | 0% |
| Oxygen tanks with tubing | 0% | 100% | 0% | 0% | 0% | 0% |
| Pediatric anesthesia breathing circuits | 0% | 100% | 0% | 0% | 0% | 0% |
| Pediatric Endotracheal tubes (size: 3.0-5.0) | 0% | 100% | 0% | 0% | 0% | 0% |
| Pediatric Laryngeal mask airways (sizes 1, 1.5, 2) | 0% | 100% | 0% | 0% | 0% | 0% |
| Pediatric Laryngoscope (blade size 1-2) | 50% | 50% | 0% | 0% | 0% | 0% |
| Pediatric Oral airways | 0% | 100% | 0% | 0% | 0% | 0% |
| Pediatric self-inflating breathing bag/mask | 50% | 50% | 0% | 0% | 0% | 0% |
| Peripheral nerve stimulator (for regional anesthesia) | 0% | 0% | 100% | 0% | 0% | 0% |
| Power generator | 50% | 0% | 0% | 50% | 0% | 0% |
| Pulse oximeter | 0% | 50% | 0% | 0% | 50% | 0% |
| Pulse oximeter probe (Adult) | 0% | 100% | 0% | 0% | 0% | 0% |
| Pulse oximeter probe (Pediatric) | 0% | 100% | 0% | 0% | 0% | 0% |
| Refrigerator for medications | 50% | 50% | 0% | 0% | 0% | 0% |
| Spinal needles (22g, 25g) | 0% | 100% | 0% | 0% | 0% | 0% |
| Sterilizing skin preparation solution | 50% | 50% | 0% | 0% | 0% | 0% |
| Stethoscope | 0% | 50% | 0% | 0% | 0% | 50% |
| Suction catheters (Yankauer) | 0% | 50% | 0% | 0% | 0% | 0% |
| Suction pump (Manual Or Electric) | 0% | 50% | 50% | 0% | 0% | 0% |
| Syringes | 50% | 50% | 0% | 0% | 0% | 0% |
| Thermometer | 0% | 50% | 0% | 50% | 0% | 0% |
| Ultrasound machine | 0% | 50% | 0% | 0% | 0% | 50% |
| Volatile anesthetic vaporizer | 50% | 50% | 0% | 0% | 0% | 0% |
| Water Traps | 50% | 0% | 50% | 0% | 0% | 0% |
| Work surface for meds in theatre | 0% | 50% | 0% | 0% | 0% | 50% |
| X-ray machine | 50% | 50% | 0% | 0% | 0% | 0% |

\*NSAID: Non-steroidal anti-inflammatory drug

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 2. Medication and Equipment Availability at Regional Hospitals**  % of Regional Hospitals reporting item as always (100% of the time), almost always (76-99%), often (51-75%), sometimes (26-50%), rarely (1-25%), or never (0%) available | | | | | | |
| **Item** | **Always** | **Almost Always** | **Often** | **Sometimes** | **Rarely** | **Never** |
| Aminophylline Inj | 64% | 0% | 0% | 7% | 0% | 29% |
| Amiodarone Inj | 43% | 21% | 7% | 0% | 0% | 29% |
| Atracurium Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Atropine Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Bupivacaine Intrathecal | 100% | 0% | 0% | 0% | 0% | 0% |
| Calcium Chloride Inj | 79% | 21% | 0% | 0% | 0% | 0% |
| Cisatracurium Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Codeine | 0% | 0% | 0% | 0% | 0% | 100% |
| Dantrolene Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Dextrose 50% Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Diazepam | 64% | 21% | 0% | 0% | 0% | 14% |
| Dobutamine Inj | 64% | 29% | 0% | 0% | 0% | 7% |
| Dopamine Inj | 64% | 29% | 0% | 7% | 0% | 0% |
| Ephedrine Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Epinephrine Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Ergometrine | 64% | 14% | 0% | 0% | 0% | 21% |
| Fentanyl Inj | 93% | 0% | 0% | 0% | 0% | 7% |
| Furosemide Inj | 79% | 21% | 0% | 0% | 0% | 0% |
| Gabapentin | 29% | 0% | 7% | 0% | 0% | 64% |
| Halothane | 0% | 0% | 0% | 0% | 0% | 100% |
| Hydralazine Inj | 64% | 14% | 7% | 0% | 7% | 7% |
| Hydrocortisone Inj | 71% | 7% | 0% | 7% | 0% | 14% |
| Intralipid For Local Anesthetic Toxicity | 0% | 7% | 0% | 0% | 0% | 93% |
| Isoflurane | 93% | 0% | 0% | 0% | 0% | 7% |
| Ketamine | 93% | 0% | 0% | 0% | 0% | 7% |
| Lidocaine 1% Or 2% Inj | 93% | 0% | 0% | 0% | 0% | 7% |
| Lidocaine 5% Intrathecal | 43% | 0% | 0% | 0% | 0% | 57% |
| Magnesium Inj | 64% | 21% | 0% | 7% | 0% | 7% |
| Mannitol | 64% | 21% | 0% | 7% | 0% | 7% |
| Meperidine (Pethidine) Inj | 79% | 7% | 7% | 0% | 0% | 7% |
| Metaraminol | 14% | 0% | 0% | 0% | 0% | 86% |
| Methadone | 0% | 0% | 0% | 0% | 0% | 100% |
| Midazolam | 86% | 14% | 0% | 0% | 0% | 0% |
| Milrinone Inj | 7% | 0% | 0% | 0% | 0% | 93% |
| Misoprostol | 71% | 0% | 0% | 7% | 0% | 21% |
| Morphine Inj | 79% | 7% | 0% | 7% | 0% | 7% |
| Nalbuphine | 7% | 0% | 7% | 0% | 0% | 86% |
| Naloxone Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Neostigmine Inj | 93% | 7% | 0% | 0% | 0% | 0% |
| Nitroglycerin Inj | 29% | 0% | 0% | 0% | 0% | 71% |
| Nitrous Oxide | 14% | 0% | 0% | 0% | 0% | 86% |
| Norepinephrine Inj | 57% | 29% | 0% | 0% | 0% | 14% |
| NSAID Inj Or Tablets\* | 100% | 0% | 0% | 0% | 0% | 0% |
| Oxycodone | 7% | 7% | 0% | 0% | 0% | 86% |
| Oxytocin Inj | 93% | 0% | 0% | 0% | 0% | 7% |
| Pancuronium Inj | 36% | 7% | 7% | 0% | 21% | 29% |
| Paracetamol (Acetaminophen) Inj Or Tablets | 79% | 14% | 0% | 0% | 0% | 7% |
| Phenylephrine Inj | 7% | 7% | 7% | 14% | 0% | 64% |
| Potassium Chloride Inj | 71% | 14% | 0% | 7% | 0% | 7% |
| Propofol Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Rocuronium Inj | 7% | 7% | 7% | 0% | 0% | 79% |
| Sevoflurane | 93% | 0% | 0% | 0% | 0% | 7% |
| Succinylcholine (Suxamethonium) Inj | 100% | 0% | 0% | 0% | 0% | 0% |
| Thiopental Inj | 7% | 0% | 0% | 0% | 0% | 93% |
| Tramadol | 64% | 7% | 7% | 0% | 0% | 21% |
| Vecuronium Inj | 43% | 21% | 0% | 0% | 0% | 36% |
| **Equipment** | | | | | | |
| Adult anesthesia breathing circuits | 71% | 29% | 0% | 0% | 0% | 0% |
| Adult Endotracheal tubes (size: 6.0-8.0) | 93% | 7% | 0% | 0% | 0% | 0% |
| Adult Laryngeal mask airways (sizes 3, 4, 5) | 86% | 0% | 7% | 0% | 0% | 7% |
| Adult Laryngoscope (blade size 3-4) | 71% | 0% | 0% | 0% | 7% | 21% |
| Adult Oral airways | 50% | 36% | 7% | 0% | 7% | 0% |
| Adult self-inflating breathing bag/mask | 86% | 7% | 0% | 0% | 0% | 7% |
| Air conditioning in operating theatre | 50% | 7% | 7% | 0% | 0% | 36% |
| Autoclave | 100% | 0% | 0% | 0% | 0% | 0% |
| Bellows or bag to inflate lungs | 50% | 14% | 0% | 0% | 7% | 29% |
| Blood gas analyzer | 7% | 0% | 7% | 86% | 0% | 0% |
| Blood Pressure Monitor (Intra-Arterial) | 21% | 0% | 0% | 0% | 0% | 79% |
| Blood Pressure Monitor (Non-Invasive, Automatic) | 64% | 0% | 29% | 0% | 0% | 7% |
| Blood Pressure Monitor (Non-Invasive, Manual) | 64% | 7% | 29% | 0% | 0% | 0% |
| Bougies | 7% | 0% | 7% | 0% | 0% | 86% |
| Capnography (Continuous Waveform) | 14% | 0% | 7% | 14% | 0% | 64% |
| Capnography (Spot Check) | 7% | 7% | 0% | 0% | 0% | 86% |
| Catheter for bladder catheterization | 79% | 21% | 0% | 0% | 0% | 0% |
| Defibrillator | 0% | 0% | 0% | 7% | 0% | 93% |
| Electric warming blanket | 21% | 0% | 0% | 0% | 0% | 79% |
| Electrocardiograph electrodes | 64% | 14% | 7% | 0% | 7% | 7% |
| Electrocardiograph monitor | 57% | 7% | 0% | 0% | 0% | 36% |
| Emergency Cricothyroidotomy/ Tracheostomy Supplies | 43% | 43% | 0% | 7% | 0% | 7% |
| Epidural placement supplies | 79% | 21% | 0% | 0% | 0% | 0% |
| Eye protection for staff | 29% | 21% | 21% | 0% | 7% | 21% |
| Face masks of various sizes | 71% | 29% | 0% | 0% | 0% | 0% |
| Gloves (non-sterile) | 93% | 7% | 0% | 0% | 0% | 0% |
| Gloves (sterile) | 93% | 7% | 0% | 0% | 0% | 0% |
| Glucose measurement device | 57% | 7% | 7% | 14% | 7% | 7% |
| Hand sanitizer or soap | 86% | 7% | 7% | 0% | 0% | 0% |
| Hemoglobin measurement device | 14% | 0% | 7% | 0% | 0% | 79% |
| Infant incubator | 21% | 7% | 0% | 0% | 0% | 71% |
| Infusion pumps | 57% | 7% | 0% | 7% | 14% | 14% |
| Isotonic crystalloid IV fluid | 79% | 14% | 7% | 0% | 0% | 0% |
| IV Cannulas (18g, 22g, and 24g) | 93% | 7% | 0% | 0% | 0% | 0% |
| IV infusion/drug injection equipment | 86% | 7% | 7% | 0% | 0% | 0% |
| IV pressure infuser bag | 21% | 21% | 14% | 0% | 7% | 36% |
| Magill forceps | 43% | 7% | 7% | 0% | 0% | 43% |
| Nasal airways | 50% | 7% | 0% | 0% | 7% | 36% |
| Nasogastric tubes (10-16F) | 86% | 7% | 0% | 7% | 0% | 0% |
| Neuromuscular transmission monitor (for assessing neuromuscular block) | 14% | 0% | 0% | 0% | 0% | 86% |
| Operating table with tilting function | 71% | 7% | 0% | 7% | 0% | 14% |
| Operating Theatre Lighting | 43% | 43% | 7% | 0% | 7% | 0% |
| Oxygen Concentrator (Portable) | 29% | 7% | 0% | 0% | 0% | 64% |
| Oxygen Generation Plant (Central) | 0% | 0% | 0% | 0% | 0% | 100% |
| Oxygen supply failure alarm; inspired oxygen analyzer | 36% | 0% | 0% | 7% | 0% | 57% |
| Oxygen tanks with tubing | 86% | 7% | 0% | 0% | 0% | 7% |
| Pediatric anesthesia breathing circuits | 64% | 29% | 0% | 7% | 0% | 0% |
| Pediatric Endotracheal tubes (size: 3.0-5.0) | 86% | 7% | 0% | 0% | 0% | 7% |
| Pediatric Laryngeal mask airways (sizes 1, 1.5, 2) | 79% | 0% | 7% | 0% | 0% | 14% |
| Pediatric Laryngoscope (blade size 1-2) | 64% | 0% | 0% | 0% | 7% | 29% |
| Pediatric Oral airways | 36% | 36% | 0% | 0% | 0% | 29% |
| Pediatric self-inflating breathing bag/mask | 71% | 7% | 0% | 0% | 0% | 21% |
| Peripheral nerve stimulator (for regional anesthesia) | 14% | 0% | 0% | 0% | 0% | 86% |
| Power generator | 71% | 0% | 0% | 0% | 0% | 29% |
| Pulse oximeter | 64% | 0% | 14% | 0% | 0% | 21% |
| Pulse oximeter probe (Adult) | 36% | 0% | 0% | 7% | 0% | 57% |
| Pulse oximeter probe (Pediatric) | 14% | 14% | 0% | 7% | 0% | 64% |
| Refrigerator for medications | 57% | 0% | 21% | 0% | 0% | 21% |
| Spinal needles (22g, 25g) | 71% | 29% | 0% | 0% | 0% | 0% |
| Sterilizing skin preparation solution | 100% | 0% | 0% | 0% | 0% | 0% |
| Stethoscope | 86% | 7% | 0% | 0% | 0% | 7% |
| Suction catheters (Yankauer) | 71% | 21% | 0% | 0% | 0% | 7% |
| Suction pump (Manual Or Electric) | 79% | 7% | 0% | 0% | 0% | 14% |
| Syringes | 93% | 7% | 0% | 0% | 0% | 0% |
| Thermometer | 64% | 14% | 0% | 0% | 0% | 21% |
| Ultrasound machine | 21% | 7% | 14% | 14% | 0% | 43% |
| Volatile anesthetic vaporizer | 64% | 29% | 7% | 0% | 0% | 0% |
| Water Traps | 21% | 0% | 7% | 29% | 0% | 43% |
| Work surface for meds in theatre | 50% | 14% | 21% | 7% | 0% | 7% |
| X-ray machine | 43% | 7% | 0% | 29% | 0% | 21% |

\*NSAID: Non-steroidal anti-inflammatory drug

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 3. Medication and Equipment Availability at District Hospitals**  % of District Hospitals reporting item as always (100% of the time), almost always (76-99%), often (51-75%), sometimes (26-50%), rarely (1-25%), or never (0%) available | | | | | | |
| **Item** | **Always** | **Almost Always** | **Often** | **Sometimes** | **Rarely** | **Never** |
| Aminophylline Inj | 35% | 25% | 15% | 5% | 0% | 20% |
| Amiodarone Inj | 20% | 10% | 5% | 5% | 5% | 55% |
| Atracurium Inj | 80% | 15% | 0% | 5% | 0% | 0% |
| Atropine Inj | 75% | 15% | 5% | 0% | 0% | 5% |
| Bupivacaine Intrathecal | 80% | 20% | 0% | 0% | 0% | 0% |
| Calcium Chloride Inj | 60% | 15% | 10% | 5% | 0% | 10% |
| Cisatracurium Inj | 5% | 0% | 0% | 0% | 0% | 95% |
| Codeine | 10% | 0% | 0% | 0% | 5% | 85% |
| Dantrolene Inj | 5% | 0% | 0% | 0% | 0% | 95% |
| Dextrose 50% Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Diazepam | 60% | 15% | 10% | 5% | 5% | 5% |
| Dobutamine Inj | 30% | 20% | 30% | 5% | 0% | 15% |
| Dopamine Inj | 35% | 25% | 20% | 10% | 0% | 10% |
| Ephedrine Inj | 70% | 20% | 0% | 0% | 0% | 10% |
| Epinephrine Inj | 75% | 15% | 5% | 0% | 0% | 5% |
| Ergometrine | 60% | 20% | 5% | 0% | 0% | 15% |
| Fentanyl Inj | 90% | 10% | 0% | 0% | 0% | 0% |
| Furosemide Inj | 55% | 15% | 20% | 0% | 0% | 10% |
| Gabapentin | 15% | 0% | 0% | 0% | 0% | 85% |
| Halothane | 10% | 0% | 0% | 0% | 0% | 90% |
| Hydralazine Inj | 50% | 30% | 0% | 5% | 0% | 15% |
| Hydrocortisone Inj | 50% | 10% | 10% | 10% | 0% | 20% |
| Intralipid For Local Anesthetic Toxicity | 5% | 0% | 0% | 0% | 0% | 95% |
| Isoflurane | 75% | 15% | 0% | 0% | 0% | 10% |
| Ketamine | 60% | 30% | 10% | 0% | 0% | 0% |
| Lidocaine 1% Or 2% Inj | 85% | 10% | 0% | 0% | 0% | 5% |
| Lidocaine 5% Intrathecal | 45% | 5% | 0% | 0% | 0% | 50% |
| Magnesium Inj | 45% | 15% | 5% | 25% | 0% | 10% |
| Mannitol | 45% | 10% | 10% | 25% | 0% | 10% |
| Meperidine (Pethidine) Inj | 60% | 25% | 0% | 0% | 5% | 0% |
| Metaraminol | 20% | 0% | 0% | 0% | 0% | 80% |
| Methadone | 5% | 0% | 0% | 0% | 0% | 95% |
| Midazolam | 85% | 15% | 0% | 0% | 0% | 0% |
| Milrinone Inj | 5% | 0% | 5% | 0% | 10% | 80% |
| Misoprostol | 65% | 15% | 5% | 0% | 5% | 10% |
| Morphine Inj | 55% | 20% | 5% | 10% | 0% | 10% |
| Nalbuphine | 5% | 0% | 0% | 5% | 0% | 90% |
| Naloxone Inj | 75% | 20% | 5% | 0% | 0% | 0% |
| Neostigmine Inj | 70% | 30% | 0% | 0% | 0% | 0% |
| Nitroglycerin Inj | 20% | 5% | 5% | 5% | 0% | 65% |
| Nitrous Oxide | 10% | 0% | 5% | 0% | 0% | 85% |
| Norepinephrine Inj | 45% | 0% | 20% | 10% | 0% | 25% |
| NSAIDs Inj Or Tablets\* | 90% | 5% | 0% | 0% | 0% | 5% |
| Oxycodone | 5% | 0% | 0% | 0% | 5% | 90% |
| Oxytocin Inj | 80% | 10% | 5% | 0% | 0% | 5% |
| Pancuronium Inj | 0% | 0% | 10% | 0% | 5% | 85% |
| Paracetamol (Acetaminophen) Inj Or Tablets | 60% | 15% | 0% | 5% | 0% | 20% |
| Phenylephrine Inj | 35% | 5% | 0% | 5% | 0% | 55% |
| Potassium Chloride Inj | 60% | 20% | 10% | 0% | 0% | 10% |
| Propofol Inj | 85% | 10% | 0% | 0% | 0% | 5% |
| Rocuronium Inj | 0% | 0% | 0% | 0% | 0% | 100% |
| Sevoflurane | 75% | 15% | 5% | 0% | 0% | 5% |
| Succinylcholine (Suxamethonium) Inj | 65% | 20% | 5% | 0% | 0% | 10% |
| Thiopental Inj | 5% | 0% | 0% | 5% | 10% | 80% |
| Tramadol | 30% | 5% | 20% | 0% | 15% | 30% |
| Vecuronium Inj | 25% | 5% | 0% | 5% | 5% | 60% |
| **Equipment** | | | | | | |
| Adult anesthesia breathing circuits | 55% | 10% | 15% | 0% | 5% | 15% |
| Adult Endotracheal tubes (size: 6.0-8.0) | 75% | 0% | 10% | 5% | 5% | 5% |
| Adult Laryngeal mask airways (sizes 3, 4, 5) | 45% | 10% | 10% | 0% | 15% | 20% |
| Adult Laryngoscope (blade size 3-4) | 75% | 10% | 0% | 0% | 0% | 15% |
| Adult Oral airways | 50% | 35% | 5% | 0% | 0% | 10% |
| Adult self-inflating breathing bag/mask | 75% | 10% | 10% | 0% | 0% | 5% |
| Air conditioning in operating theatre | 50% | 20% | 5% | 10% | 5% | 10% |
| Autoclave | 75% | 20% | 5% | 0% | 0% | 0% |
| Bellows or bag to inflate lungs | 90% | 5% | 0% | 5% | 0% | 0% |
| Blood gas analyzer | 0% | 0% | 0% | 100% | 0% | 0% |
| Blood Pressure Monitor (Intra-Arterial) | 25% | 0% | 5% | 0% | 5% | 65% |
| Blood Pressure Monitor (Non-Invasive, Automatic) | 85% | 5% | 5% | 0% | 5% | 0% |
| Blood Pressure Monitor (Non-Invasive, Manual) | 70% | 15% | 0% | 0% | 0% | 15% |
| Bougies | 15% | 0% | 0% | 0% | 5% | 80% |
| Capnography (Continuous Waveform) | 5% | 5% | 5% | 0% | 20% | 65% |
| Capnography (Spot Check) | 5% | 0% | 0% | 0% | 15% | 80% |
| Catheter for bladder catheterization | 75% | 25% | 0% | 0% | 0% | 0% |
| Defibrillator | 0% | 0% | 0% | 0% | 0% | 100% |
| Electric warming blanket | 10% | 0% | 0% | 0% | 0% | 90% |
| Electrocardiograph electrodes | 55% | 0% | 30% | 10% | 0% | 5% |
| Electrocardiograph monitor | 25% | 35% | 0% | 10% | 5% | 25% |
| Emergency Cricothyroidotomy/ Tracheostomy Supplies | 40% | 5% | 5% | 10% | 0% | 40% |
| Epidural placement supplies | 65% | 5% | 5% | 5% | 0% | 20% |
| Eye protection for staff | 10% | 5% | 5% | 5% | 15% | 55% |
| Face masks of various sizes | 60% | 10% | 25% | 0% | 5% | 0% |
| Gloves (non-sterile) | 90% | 10% | 0% | 0% | 0% | 0% |
| Gloves (sterile) | 90% | 10% | 0% | 0% | 0% | 0% |
| Glucose measurement device | 25% | 20% | 5% | 0% | 0% | 50% |
| Hand sanitizer or soap | 100% | 0% | 0% | 0% | 0% | 0% |
| Hemoglobin measurement device | 15% | 5% | 5% | 0% | 0% | 75% |
| Infant incubator | 30% | 10% | 5% | 5% | 0% | 50% |
| Infusion pumps | 20% | 0% | 10% | 5% | 0% | 65% |
| Isotonic crystalloid IV fluid | 85% | 10% | 0% | 0% | 0% | 5% |
| IV Cannulas (18g, 22g, and 24g) | 85% | 10% | 0% | 0% | 5% | 0% |
| IV infusion/drug injection equipment | 60% | 10% | 0% | 0% | 5% | 25% |
| IV pressure infuser bag | 35% | 0% | 5% | 0% | 0% | 50% |
| Magill forceps | 35% | 0% | 10% | 0% | 0% | 55% |
| Nasal airways | 15% | 10% | 0% | 30% | 5% | 40% |
| Nasogastric tubes (10-16F) | 65% | 15% | 10% | 5% | 0% | 5% |
| Neuromuscular transmission monitor (for assessing neuromuscular block) | 10% | 0% | 5% | 5% | 0% | 65% |
| Operating table with tilting function | 55% | 35% | 0% | 0% | 5% | 5% |
| Operating Theatre Lighting | 65% | 30% | 0% | 5% | 0% | 0% |
| Oxygen Concentrator (Portable) | 25% | 5% | 5% | 0% | 5% | 60% |
| Oxygen Generation Plant (Central) | 25% | 0% | 0% | 0% | 0% | 70% |
| Oxygen supply failure alarm; inspired oxygen analyzer | 55% | 10% | 5% | 0% | 5% | 25% |
| Oxygen tanks with tubing | 65% | 5% | 15% | 0% | 0% | 15% |
| Pediatric anesthesia breathing circuits | 55% | 10% | 10% | 0% | 10% | 15% |
| Pediatric Endotracheal tubes (size: 3.0-5.0) | 80% | 10% | 5% | 0% | 5% | 0% |
| Pediatric Laryngeal mask airways (sizes 1, 1.5, 2) | 35% | 15% | 5% | 0% | 15% | 30% |
| Pediatric Laryngoscope (blade size 1-2) | 65% | 15% | 0% | 5% | 0% | 15% |
| Pediatric Oral airways | 35% | 35% | 10% | 0% | 5% | 15% |
| Pediatric self-inflating breathing bag/mask | 75% | 15% | 0% | 5% | 0% | 5% |
| Peripheral nerve stimulator (for regional anesthesia) | 20% | 10% | 0% | 0% | 0% | 70% |
| Power generator | 70% | 0% | 0% | 10% | 0% | 20% |
| Pulse oximeter | 85% | 5% | 5% | 0% | 5% | 0% |
| Pulse oximeter probe (Adult) | 40% | 15% | 0% | 0% | 0% | 45% |
| Pulse oximeter probe (Pediatric) | 35% | 10% | 0% | 5% | 0% | 50% |
| Refrigerator for medications | 45% | 5% | 25% | 0% | 10% | 15% |
| Spinal needles (22g, 25g) | 75% | 10% | 10% | 0% | 0% | 5% |
| Sterilizing skin preparation solution | 85% | 5% | 0% | 0% | 5% | 5% |
| Stethoscope | 80% | 15% | 5% | 0% | 0% | 0% |
| Suction catheters (Yankauer) | 40% | 15% | 5% | 0% | 5% | 35% |
| Suction pump (Manual Or Electric) | 80% | 5% | 5% | 5% | 0% | 5% |
| Syringes | 95% | 5% | 0% | 0% | 0% | 0% |
| Thermometer | 75% | 15% | 10% | 0% | 0% | 0% |
| Ultrasound machine | 45% | 15% | 0% | 0% | 10% | 30% |
| Volatile anesthetic vaporizer | 90% | 5% | 5% | 0% | 0% | 0% |
| Water Traps | 25% | 0% | 0% | 0% | 5% | 70% |
| Work surface for meds in theatre | 75% | 15% | 0% | 0% | 0% | 10% |
| X-ray machine | 35% | 20% | 5% | 0% | 10% | 30% |

\*NSAID: Non-steroidal anti-inflammatory drug