

Fast track diagnostic Medical Devices

Portable Imaging Devices - 1

Portable Ultrasound

- FAST scan for internal bleeding (trauma) •
- Lung ultrasound for pneumothorax •
- Cardiac assessment •
- Pregnancy emergencies •

Portable X-ray machines

- Detect fractures •
- Detect shrapnel/bullet fragments •
- Chest trauma diagnosis •

Portable CT scanners (if available)

- Brain injury •
- Internal bleeding •
- Complex trauma cases •

Point-of-Care Blood Testing Devices - 2

Blood Gas Analyzer

- Oxygenation status •
- Acid-base balance •
- Shock assessment •

Portable Hemoglobin Analyzer

- Detect severe blood loss •

Portable Blood Chemistry Analyzer

- Electrolytes •
- Kidney function •
- Metabolic status •

Glucose meters

- Rapid blood sugar testing •

Lactate analyzers

Early detection of shock and sepsis •

Rapid Infectious Disease Diagnostic Tests -३

Rapid antigen / molecular tests for

Portable Laboratory Systems -६

Portable PCR systems

Rapid pathogen identification •

Compact hematology analyzers

Complete blood count •

Urine analyzers

Kidney function •

Infection detection •

Rapid Screening Devices for Chemical/Radiological Threats -९

Radiation detectors

Personal dosimeters •

Area radiation monitors •

Chemical agent detectors

Nerve agent detection •

Toxic industrial chemicals •

Diagnostic Tools for Field Triage -१

Handheld ultrasound •

Portable otoscope/ophthalmoscope •

Portable digital stethoscope •

Handheld blood analyzers •

Portable coagulation testing devices •