

# Point-of-Care Ultrasound (POCUS)

## Project Summary

### Problem

Providing medical care to patients in remote, under-resourced and unstable contexts is often hindered by lack of basic radiologic diagnostics.

### Proposed Solution

Leverage Point-of-Care Ultrasound technology (laptop or tablet based) at the patient's bedside to help clinicians make proper diagnosis and treatment decisions through simple pattern recognition algorithms.



### Potential Impact

- Higher level of medical care
- Increased MSF capacity to work in remote and conflict areas
- Improved clinician and patient satisfaction

### Viability

- Training MSF staff on currently accepted algorithms and research into novel ones necessary in resource-limited areas.

### Risk Mitigation

- Builds upon current trials in the field
- Includes a test-and-learn approach

### Scalability

- Can deploy across multiple MSF sites
- Scales using both a train the trainer and online learning approach

**Area/Type:** Medical Research and Development; Incubator

**Sponsor/Support:** MSF USA

**Length/Project Status:** 1 year; **ONGOING**