

3D Printing in the Field

Project Summary

Problem

Overcome the expense and difficulty of importing specialized medical and logistical equipment and replacement parts to the field, impacting the delivery of care.

Proposed Solution

Test and learn 3D printing for field supplies and replacement parts to better serve populations in need. Pilot with MSF logisticians and 3D printing experts in the field.



Potential Impact

- Support more timely access and increase availability of healthcare tools and equipment for patients in the field
- Reduce high delivery cost of equipment

Viability

- Leverages new but well tested technology
- Provides experienced logisticians with web-based and hands-on training and support

Risk Mitigation

- Leverages external experience in 3D printing
- Incorporates test and learn for MSF contexts

Scalability

- Provides evidence and lessons learned regarding types of logistic/ medical supplies or replacement parts to be 3D printed

Area/Type: Operations Improvement/Technology; Incubator

Sponsor/Support: MSF Canada

Length/Project Status: 1.5 years; **ONGOING**