Managing Successful Medical device Warranty Period Maintenance

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Objective

The objective of this presentation is to share the program learning experience in management of medical devices warranty period maintenance.

Description of interventions

- Through collaboration of Jhpiego, the supplier and the health facilities, a total of 55 biomedical engineers/technicians and anesthesia preceptors were trained during the installation period.
- Maintenance visits for each machine was conducted twice a year and
- 2 batches of spare parts were supplied by the Gradian Health System for maintenance purpose.

Results and lessons learned

- The collaboration ensured continuous functionality of all the 14 anesthesia machines.
- The average running time of 14 machines was 501 hrs. 501 patients got surgical service.
- Using anesthesia machine a total of 1,003 anesthesia students received hands on training.
- Providing periodic maintenance support may incur extra cost and effort to the receiver side in this case the donor (Jhpiego).
- But by doing so; we have demonstrated the warranty period support for medical devices should not be the sole responsibility of the supplier.
- It is possible to achieve better result through collaboration of all stakeholders (supplier, donor and health care facility who owns the anesthesia machine).

Ethiopia
85+ million population
80+ ethnic group
9 regions + 2 city admin.

HP teaching HEIs
Around 57 public
RHSC+ University

Jhpiego HRH Project
National 5 years
4 result area

Jhpiego-Ethiopia, under the USAID funded HRH Project procured 14 Anesthesia Machines from Gradian Health System, which were then donated to public hospitals in Ethiopia to deliver anesthesia services as well as for teaching purpose at anesthesia training schools.

Un-packing and installation of anesthesia machine

UAM Installed at Gondar University Hospital

Demonstration in side OR on the use of anesthesia machine during the installation & Users Training at Bahirdar University Hospital

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