

Modern healthcare is heavily dependent on technologies. This includes Medical Equipment

Mulago Hospital, Kampala, Uganda



National Hospital, Abuja, Location Nigeria, supplied by KidsOR

- ❑ Donations of equipment are made with good intentions. Without planning, coordination and collaboration, outcome are **not** always positive. This is due to:
 - ❖ Lack of awareness of local realities of the intended recipient
 - ❖ Lack of communication between donors and recipients. (there is a need for equal partnership in the pursuit of common goal. **'Patient care'**)
 - ❖ Recipient difficulty in articulating to the donor how best they can be helped
 - ❖ Recipient circumstances may lead them to believe that anything is better than nothing.

**NHS Scotland
Global Citizenship Program
Surplus Kit Donation.**

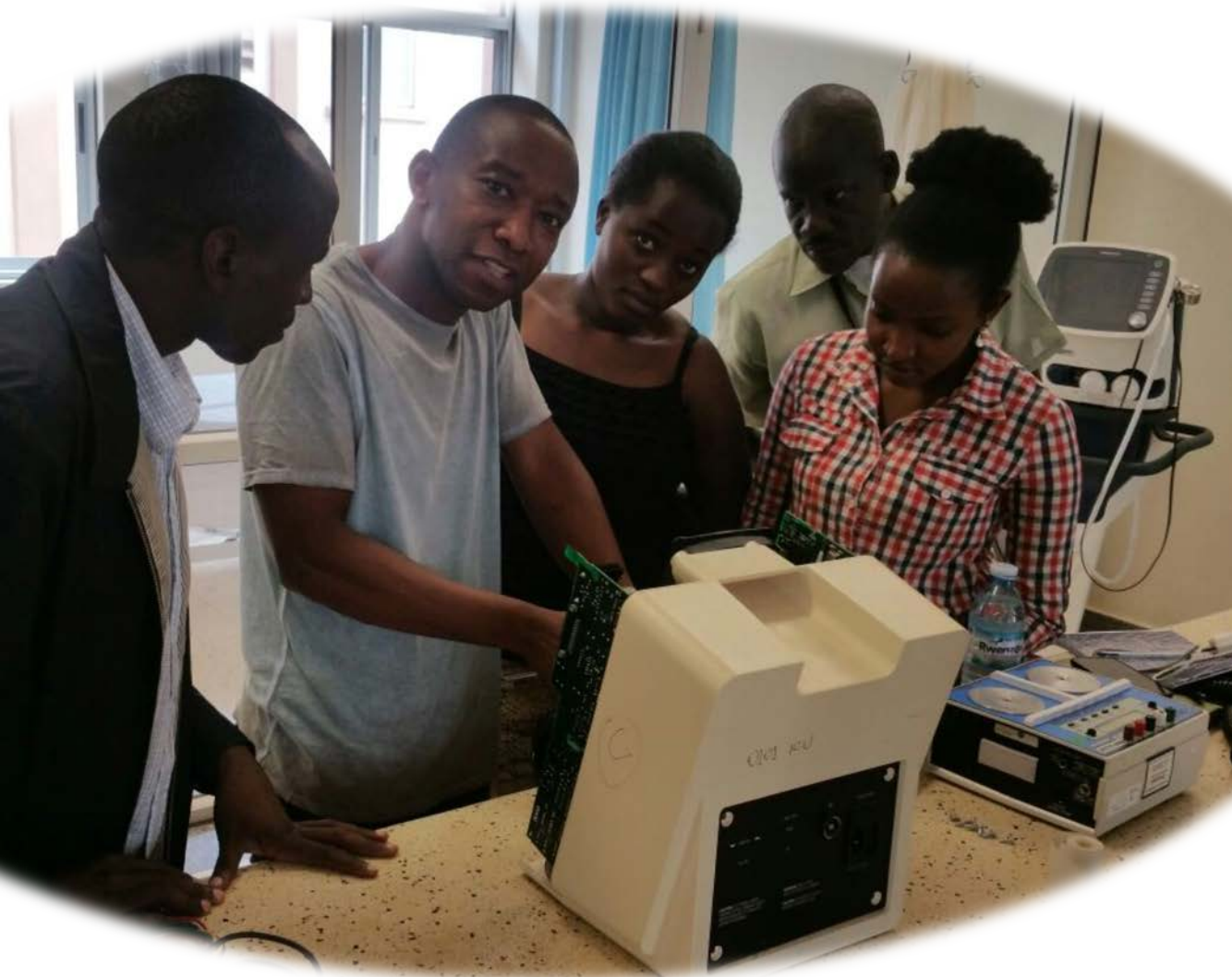
MAKING IT HAPPEN.



□ **What we have done so far.**

- ❖ We were asked buy local champions for support in the donation of medical equipment for the operating theatres in Mulago Hospital in Kampala, Uganda.
- ❖ We conducted a need assessment
- ❖ We agreed with the recipient on the list of equipment to be supplied
- ❖ We made a request of surplus kit through the Medical Physics Network in Scotland (MPNet.)
- ❖ We supplied, commissioned, deployed the equipment
- ❖ We supplied test equipment and training to local technicians and established Biomedical Engineering departments in Mulago and Mbarara Hospitals.
- ❖ Created a network for support through MPNet. (thanks to Whatsapp)
- ❖ Conducted annual follow ups and provided support when needed
- ❖ We connected these hospital with their affiliated local university for students hands on training
- ❖ We are in the phase of bringing one of the technicians to NHS Tayside, Clinical Engineering Department for further training on Health Technology Management

Common Problems associated with equipment donation



- ❑ Equipment requiring a steady electrical supply is donated to a hospital where the supply is erratic, or is of a different voltage, or does not exist.
- ❑ Equipment such as anaesthesia machines or ventilators donated require a supply of compressed gases which are not always available or are very expensive.
- ❑ The donated equipment is not suited to the heat, humidity or dust of the local environment.
- ❑ The equipment is not supplied with spare parts – these may be out of production or prohibitively expensive to acquire.
- ❑ There may be no local expertise to install, commission, service or repair the equipment.
- ❑ The equipment may not be supplied with a manual, or the manual may not be in the local language.
- ❑ The users may not be trained in the use of the equipment.
- ❑ The equipment may be defective on arrival or have parts missing, or have parts that are incompatible, the costs of replacement being prohibitively expensive.
- ❑ There may not be any facilities to clean or sterilise the equipment.
- ❑ Equipment may be accepted by someone without appropriate knowledge.

Please make sure you only supply what is needed. Please ask the right question before you send equipment.



- Equipment must be useful to the recipient. Work with them on what is needed.
- Target an area of need. Make sure that you contribute to make that area better than it was before you intervened.
- The process of commissioning donated equipment should match your own process of commissioning new equipment. Think about (manuals, accessories, safety, standards, etc.)
- Remember most specialist clinicians received their training in western hospitals.

Conclusion.

- ❑ Equipment donation is the easiest part of the journey
- ❑ The journey requires assessment, planning, collaboration, communication and support for both donors champions and recipients of Surplus Kit
- ❑ Ethical donation requires recognition of the recipient as an equal partner
- ❑ NHS Global Citizenship unique and approach to sustainable surplus kit donation is a true model of partnership through donation, education and participation.



- ❑ Ethical donation build under NHS Scotland established principles and governance
- ❑ Our assignments are providing us with a unique experience beyond our job descriptions
- ❑ We are learning different ways and sometimes better ways from those developing countries
- ❑ Happiness is when you see the impact of your own participation in capacity building, seeing a positive change every time you turn up.
- ❑ **It is worth doing.**

Thank you.