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The Orthopaedic Workshop Activity Report 2023 is part of the Kumi Hospital Financial Annual of 2023

# ANNUAL REPORT 2023



# Overview



Kumi Hospital Orthopeadic Workshop provides a variety of services to the population of the Teso region and far beyond, making it an essential place for rehabilitation in Eastern Uganda. 80% of people with disabilities who come to our Orthopeadic workshop cannot afford the cost of our services, even after the cost has been subsidized.

This is attributed to the high level of poverty in the region. Most of the patients we serve are not only for assistive devices and orthotics (AFOs, KAFOs, crutches, among others), but we also offer lower limb prostheses (artificial limbs).

Due to the growing need for rehabilitation care, there is a need to provide the Orthopeadic workshop with a constant supply of materials in order to meet the increasing demand for our aids.

We take our customers' need as a priority and serve them with diligence and professionalism with observance on quality assurance of our services.

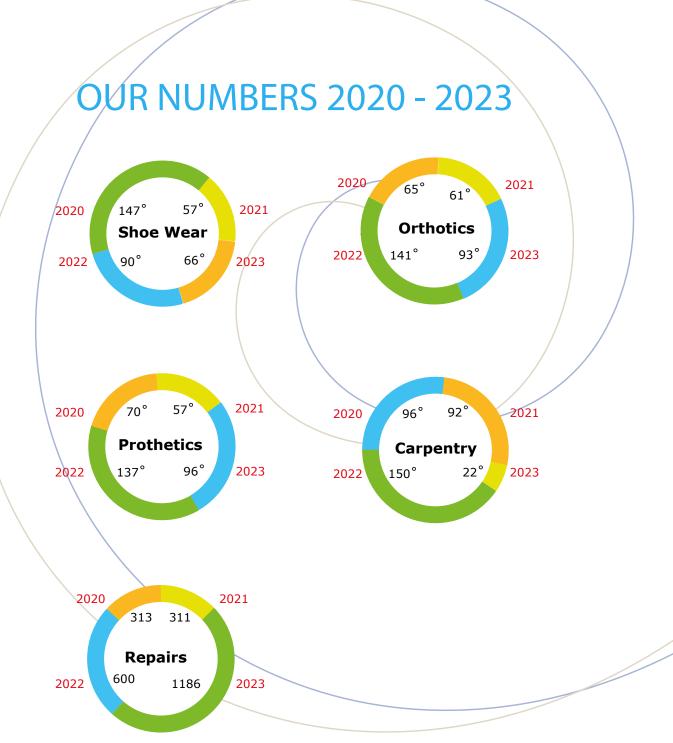
Twongeirwe Benjamine Orthopaedic Technologist



I am passionate to serve people with neuromusculoskeletal disorders so that they become acceptable and productive in the society.

### KUMI HOSPITAL ORTHOPAEDIC WORKSHOP OUTPUT REPORT FOR YEAR 2020 TO 2023.

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SECTION	DESCRIPTION OF SERVICES	NUMBER OF PATIENTS IN FY <b>2020</b>	NUMBER OF PATIENTS IN FY 2021	NUMBER OF PATIENTS IN FY <b>2022</b>	NUMBER OF PATIENTS IN FY <b>2023</b>	
SHOE		Shoe Total 211	Shoe Total 82	Shoe Total 129	Shoe Total 96	
(FOOT WEAR)	Orthopaedic boot	06	01	06	08	
	Ordinary Closed shoes	02	02	01	01	
Show Wear	Shoe Raise	120	08	21	20	
	Steinbeck Foot Abduction Braces (SFAB's)	56	36	32	30	
	Ordinary open sandals	05	06	01	25	
	Microcellular Rubber Sandals (MCR-S)	22	29	68	12	
ORTHOTICS		Orth. Total	Orth. Total 137	Orth. Total 316	Orth. Total 208	
Orthetics	Arch support	02	01	10	08	
	AFO (Ankle Foot Orthotics)	61	54	142	123	
	Aeroplane splint	01	02	08	06	
	KAFO (Knee Ankle Foot Orthotics)	18	34	43	30	
	Night Splints	03	03	31	16	
	Aluminium Elbow Crutches	01	00	11	0	
	Aluminium Axillary Crutches	02	02	05	0	
	Knee Braces	02	02	08	12	
		04	03	10	10	
	Cervical Collars	16	09	13/	32	
	Spinal Orthotics Corset (Lumber sacral, thoracolumbar-rigid corset)	16	09	13/	32	
	Hand Splints Cock-Up	05	09	05	18	
	HKAFO (hip knee ankle foot)	-	-	- /	01	
	Posture Brace	-	- /	- /	01	
	Finger Splint (Orthoses)	-	- ,	/-	06	
	Pelvic Binder	-	-	-	01	
	Repair of Orthotic	30	18	30	34	
PROSTHETICS		Prosth. Total	Prosth. Total 32	Prosth. Total 77	Prosth. Total 54	
Prothetics	SYMES	01	01	02	01	
	Trans-Tibial (BK)	24	10	32	17	
	Trans Femoral (AK)	04	09	26	09	
	Knee Disarticulation (TK)	02	01	02	04	
	Prosthetics Repairs	08	11	15	23	
CARPENTRY		Carp. Total 503	Carp. Total 482	Carp. Total 788	Carp. Total 115	
Carpentry	Cerebral Palsy Chair	54	32	35	32	
	Standing frame	03	01	05	03	
	Wooden crutches	123	127	133	70	
	Wooden walkers	08	09	11	08	
	Corner seats	02	02	04	02	
HOSPITAL	1. Repair of Furniture	Hosp. Total	Hosp. Total	Hosp. Total	Hosp. Total	
REPAIRS	2. Cushioning of hospital mattresses and	313	311	600	1.186	
	pillow cases,					
Regarin	<ul><li>3. Sawing of theatre gauze,</li><li>4. Sharpening of theatre tools, etc</li></ul>					



Thanks to the projects initiated and completed in 2023, we achieved extraordinary results in support of the most vulnerable people with disabilities. In addition to projects dedicated to physical rehabilitation allowing us to reach beneficiaries in need of assistance in various contexts. Thanks to hard work and the invaluable support of donors and friends, we surpassed our set objectives. Kumi Hospital Orthopeadic Workshop ambition is to become a cornerstone of rehabilitation throughout North East Uganda and beyond.

Twongeirwe Benjamine Orthopaedic Technologist

# Community Based Rehabilitation program with Mulago physiotherapy students

CBR is a community development strategy that aims to enhance the quality of life for people with disabilities and their families, and ensure their inclusion and participation in the community.



We were a group of 23 Physiotherapy students that set off from UIAHMS Mulago (Uganda Institute of Allied Health and Management Sciences) on 26th of May 2023 to Kumi district for our CBR Program. For the 8 days we spent in Kumi, I rate Kumi region as one of the most amazing places in Uganda with welcoming and hospitable people; with Kumi Hospital-Ongino that welcomed us and gave us good accommodation. I was so pleased with the morning devotion culture of Ongino hospital that united us with the hospital team every morning irrespective of our different religions.

The CBR- program basically allows Physiotherapy students to relate the classroom work and the community. Here they are expected to know the individual role of different stakeholders in the rehabilitation (team) i.e. NGOs, Church Leaders, Political Leaders, VHTs, Social Workers, Community Mobilizers, Physiotherapists, Orthopedic Technologists, Orthopedic Officer, Orthopedic Surgeon and the whole hospital team.

Seven days were spent in the different Kumi communities carrying out community based rehabilitation and one day in the orthopedic workshop. Together we assessed diagnosed patients' conditions, treated and referred patients for further treatment where necessary. Highest population of the disabled consisted of children and a few adults. Throughout our CBR Program we were able to share knowledge and skills, appreciated the role of each CBR personnel in rehabilitation, the challenges faced during CBR, the factors that hinder and those that promote CBR programs.

The CBR team and families of children living with disabilities that actively participated in the activities of CBR such as constructing and repair of parallel



Workshop CBR program on the field learning to use real material during the outreach.

bars, walkers, standing frames and other mobility aids using local materials and tools that we found in these homes. The senior orthopedic technologist took lead in these construction activities.

The head of orthopedic workshop department together with his team taught us how each machine works, practical discussion on indications for orthotics and prosthetics. We were actively involved in pop measurement taking, positive cast modifications, and finally molding of an AFO for a child who had a foot drop. We were also taken through procedures of designing, fabricating, fitting and discharge cerebral palsy chair, for children with difficult in sitting.

Great thanks to UIAHMS and our Principal Tutor School of Physiotherapy for the great efforts in making our CBR Program a success.

Written by Nagginda .j. Hanifa and Opoka Isaac. (physiotherapy student leader UIAHMS, Mulago).

# **Photo Impression**



The Peter Betteridge Memorial Orthopaedic workshop



Work department



Professional Orthopaedic Craftsmanship







Shoe technician fitting SFAB







### **Twongeirwe Benjamine**

Orthopaedic Technologist, in charge orthopaedic workshop department. Has been serving in the department since 2018 November.

Passionate to serve people with neuromusculoskeletal disorders so that they become acceptable and productive in the society.



### **Batholomew Aojan John**

Orthopaedic Technician Orthotics & Prosthetic section Kumi Hospital since 2023 December. I am glad to serve people with disabilities. Serving people with a disability is my passion.



### **Okello Burden Paul**

Technician since 2003 serving at the hospital. I am passionate to support patients on their mobility and correct disabilities.



## **Otai Joseph Tyson**

Orthopaedic Shoe Technician from Kumi. Has been serving in the orthopedic workshop since 2002. Passionate about serving people with adjustments to their orthopedic footwear for the best possible solution.



### **Oumo Moses**

Started to serve in the department in the year 2023. I ensure the external and internal environment to help clean and tidy. I love my work as a Sanitation Officer.



### **Etiang Robert**

A Shoe Technician. Started to serve in the department 2019 February. Grateful to be part of the team.



# **OUR ORTHOPEDIC WORKSHOP DONORS**

We would like to thank all our donors; without their continuous support we would not be able to achieve our mission and goals to ensure that people with physical disabilities develop their full potential in an inclusive society. Our main donors for the past years are listed below, but we would also like to thank all of the individuals and institutions in the field that are not mentioned on this page.



Christian Blind Mission



Rotary Jaipur Limb UK



Child Care Africa



Swiss Limb



Kumi Child Development Center



Wheels for the World



Joint Medical Stores



Uganda Protestant Medical Bureau



Kumi Community Foundation UK



Ugandan Institute of Allied Health and Management Sciences - Mulago



German Leprosy and
Tuberculosis Relief Association



Club of Godalming



Kumi Foundation NL



+256 (0) 393 194 274 (MD's office)

Established in 1929 as a leprosy centre to help people with leprosy in the eastern and northern regions of Uganda and South Sudan.

Kumi Hospital (KH) currently has a reach of approximately 4 million people. Kumi Hospital is a member of the Uganda Protestant Medical Bureau (UPMB); it is therefore a private non-profit (PNFP) institution.

The hospital is a registered entity and accredited by the Ministry of Health (MoH). Since its foundation in 1929, Kumi Hospital has undergone a transformation from a center for the disabled to a general hospital. Since then, it has significantly expanded its activities to challenges and adapted its working methods to the situation. Kumi Hospital has been involved in the needs of community health care for 95 years.



The Peter Betteridge Memorial Orthopaedic workshop

### Get in touch

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