

Supporting TB treatment & control @ St Francis' Hospital, Katete, Zambia



Project Update Report

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Background

Zambia remains in the list of 30 countries in the world with high TB and TB-HIV burden. A national TB strategic plan exists based on the Global Stop TB Strategy. There is a focus on scaling up intensified TB case finding, TB-HIV collaborative services, and building the structure for implementing Programmatic Management of Drug-Resistant Tuberculosis. A national Tuberculosis Prevalence Survey has revealed the country has a higher and unevenly distributed TB burden than previously estimated with a prevalence of 455 cases per 100,000 populations for all ages and all forms of TB. A major collaborative effort is needed if the goal is to be reached of ending the TB epidemic by 2035. The Zambian National Health Strategic Plan identifies a number of key challenges for the TB programmeⁱ. Weak monitoring/evaluation and data management is highlighted but interestingly amongst other areas includes limited involvement of private hospitals in TB programmes and inadequate strategies to address lost-to-follow TB cases. The Logie Legacy has supported the work of the TB programme at St Francis Hospital since 2012. Soon after this date 36 bikes were purchased to assist the volunteers in their efforts to visit more patients, contacts and communities. This update should be read in conjunction with the 2021 TB project evaluation reportⁱⁱ. It identified future steps needed as follows:

1. Seek funding (£2000) for a 3rd bike maintenance workshop (Summer 2021)
2. Explore how to support the patients in more remote locations and distant locations from the hospital ie Motorbike, trailers for bike to bring in sick patients to hospital. Not every TB patient was connected to a treatment supporter. In a larger study involving several TB treatment centres (including St Francis Hospital) 43% of TB patients were connected to a treatment supporterⁱⁱⁱ. The main support received under DOTS included: Adherence support, collection of drugs, spiritual (through home visitations), and general health talks.
3. Revisit the sustainable development assumptions - responsibility for cycle maintenance falls to volunteer and as many have low income they cannot fulfil this obligation.

Progress

- Additional funding during 2021 totalling £2604 was allocated to the project
- A maintenance workshop was held on 13-14th October and 26 bikes were overhauled (see appendix)
- Waterproof wear was provided to enable volunteers to more comfortably visit patients during the rainy season

Awaited

- Report from SFH staff of the impact the project. To cover:
 - Bikes coverage – Geographical and volunteer activity statistics
 - Clothing user satisfaction
- Discussion with hospital management about longer term objectives – see 1&2 above

Appendix: Repair workshop and clothing provision

Bike repair maintenance:
TB Corner volunteers



PROPERTY OF
ST FRANCIS HOSPITAL
Joshua
Donated by NHS Borders, Scotland



	Name	Volunteer	Currently active? (Yes/No)	Repaired October 2021 (tick)	Requires Work (tick)	Comments
1	Joshua	LOVENESS NJOBVU	YES	NO	NO	BICYCLE WAS STOLEN
2	Ruth	RACHEAL CHANDA	YES	NO	NO	BICYCLE WAS STOLEN AT KATEJE STORES.
3	Samuel	JOSEPH DINA	YES	✓	NO	REPAIRED OCTOBER 2021
4	Ezra	FLORENCE CHAPANISI	NO	NO	NO	GET MARRIED AND SHIFTED TO LUWAKA.
5	Nehemiah	LOVENESS SIMBANI	YES	✓	NO	REPAIRED OCTOBER 2021.
6	Esther	PATIENCE M. SIKWERA	YES	✓	NO	REPAIRED OCTOBER 2021
7	Job	MARY M NYIKA	YES	✓	NO	REPAIRED OCTOBER 2021.
8	Solomon	MARTHA CHIMBELE	YES	✓	NO	REPAIRED OCTOBER 2021
9	Isaiah	MERCY TEMBO	YES	✓	NO	REPAIRED OCTOBER 2021.
10	Jeremiah	FADALESI PHIRI	YES	✓	NO	REPAIRED OCTOBER 2021

	Name	Volunteer	Currently active? (Yes/No)	Repaired October 2021 (tick)	Requires Work (tick)	Comments
11	Ezekiel	MERINA MUSONDA	YES	✓	NO	REPAIRED OCTOBER 2021.
12	Daniel	KENNEDY MBEWE	YES	✓	NO	REPAIRED OCTOBER 2021.
13	Hosea	MUFAT SAKALA	YES	✓	NO	REPAIRED OCTOBER 2021.
14	Joel	IBACK LUNGU	YES	✓	NO	REPAIRED OCTOBER 2021
15	Amos	JUXIEL BANDA	NO	NO	NO	NO LONGER A MEMBER
16	Obadiah	EMMANUEL SIKAYO	YES	✓	NO	REPAIRED OCTOBER 2021
17	Jonah	MONICA BANDA	NO	NO	NO	DIED THIS YEAR IN FEBRUARY.
18	Micah	MOSES MBUYI	YES	NO	YES	HE IS OUT OF TOWN DURING REPAIRING PERIOD.
19	Nahum	DAVISON SAKALA	YES	NO	NO	HIS SON SOLD HIS BICYCLE AND THE MATTER WAS REPORTED TO THE POLICE.
20	Habakkuk	MALASIYA PHIRI	YES	✓	NO	REPAIRED OCTOBER 2021
21	Zephaniah	STYLE MWALE	NO	NO	NO	HE IS NO LONGER A VOLUNTEER OF ST FRANCIS HOSPITAL.
22	Haggai	FAINNESS TEMBO	YES	✓	NO	REPAIRED OCTOBER 2021
23	Zechariah	LOVENESS MUYO	YES	✓	NO	REPAIRED OCTOBER 2021



Sources and further reading

ⁱ Zambia National Health Strategy Plan 2017-2021 https://www.moh.gov.zm/?page_id=1306

ⁱⁱ 'On Yer Bike' The Logie Legacy. Supporting TB treatment & control at SFH <https://www.logielegacy.com/tb-control>

ⁱⁱⁱ USAID https://tbcare2.org/wp-content/uploads/2018/03/TB-CARE-II-Adherence-report_Zambia.pdf