

Voorstel Improvement Sengerema Hospital Dental Clinic aan Stichting Improve



Ondersteuning van de tandheelkundige afdeling van Sengerema Designated District Hospital, Mwanza Region, Tanzania

Datum: juli 2025

Inleiding

Sengerema Designated District Hospital (SDDH) is een katholiek missieziekenhuis in het noordwesten van Tanzania. Het ziekenhuis is een cruciaal medisch centrum voor een regio met meer dan 460.000 inwoners. Ondanks grote vooruitgang op het gebied van chirurgie, kindergeneeskunde en neonatale zorg, is de tandheelkundige zorg ernstig onderbezet en ondergefaciliteerd.

Met dit voorstel verzoeken wij Stichting Improve om financiële ondersteuning voor:

- Het op orde brengen van de tandheelkundige infrastructuur en instrumenten;
- Het opleiden van een toegewijde medewerker, Emanuel Nicodem, tot tandarts.

De huidige situatie van de tandheelkundige zorg

De tandheelkundige kliniek van Sengerema DDH kampt met grote beperkingen:

- Er is slechts één zeer verouderde tandartsstoel, die niet verstelbaar is.
- De huidige tandarts assistent voert uitsluitend extracties uit, aangezien er al circa tien jaar geen materialen meer beschikbaar zijn voor vullingen of preventieve zorg.
- De tandarts assistent gaat over ongeveer twee jaar met pensioen.
- Jaarlijks komen veel patiënten, ook via de NHIF-verzekering, met klachten die niet adequaat behandeld kunnen worden door gebrek aan middelen.

Onderstaande foto's tonen patiënten die zich presenteerden met ernstige kaakinfecties, veroorzaakt door gebrekkige toegang tot tandheelkundige zorg.



Onze oplossing

A Opleiding Emanuel Nicodem

Emanuel Nicodem is al zes jaar werkzaam op de Spoedeisende Hulp van SDDH. Hij heeft zich gemotiveerd en volhardend ingezet om tandheelkunde te gaan studeren. In 2024 is hij toegelaten tot Kampala International University – Uganda Western Campus. De opleiding duurt 5,5 jaar. De jaarlijkse kosten voor collegegeld, huisvesting en levensonderhoud bedragen circa € 8.500.

B Modernisering van de tandheelkundige afdeling

Naast de opleiding willen we de tandheelkundige ruimte uitrusten met:

- Een moderne behandelstoel
- Basisinstrumenten voor restauratieve en preventieve tandzorg;
- Materialen voor minimaal de komende twee jaar.

Hieronder ziet u de huidige staat van de tandheelkundige apparatuur in onze kliniek.



Doelstellingen

- **Korte termijn:** Aanschaf van een nieuwe tandartsstoel en basisinstrumentarium.
- **Middellange termijn:** Financiële ondersteuning voor de volledige studie van Emanuel.
- **Lange termijn:** Continuïteit en uitbreiding van kwalitatieve mondzorg in de regio Sengerema.

Begroting

Onderdeel	Kosten (EUR)
Moderne tandartsstoel en basisuitrusting	14.000
Tandheelkundige instrumenten & verbruiksmaterialen (voor 2 jaar)	4.000
Volledige opleiding Emanuel Nicodem – 5,5 jaar à €8.500 per jaar	46.750
Onvoorzien / administratie 10%*	6.500
Totaal	€ 71.250

* Vooral de opleidingen zijn hier inflatiegevoelig

Toelichting opleiding

Emanuel Nicodem is toegelaten tot de opleiding tandheelkunde aan **Kampala International University – Uganda Western Campus**. De opleiding duurt 5,5 jaar. De jaarlijkse kosten voor collegegeld, huisvesting en levensonderhoud bedragen circa **€ 8.500**.

Verwachte impact

- Er komt structurele tandzorg voor duizenden mensen in een regio waar alternatieven ontbreken.
- Door lokale opleiding en binding blijft de kennis en kunde binnen het ziekenhuis.
- Emanuel zal ook bijdragen aan preventie en voorlichting, met focus op kinderen, scholen en kwetsbare groepen.

Duurzaamheid en verantwoording

Sengerema Hospital heeft ervaring met het opleiden van personeel via partners als Simba Health en Friends of Sengerema Hospital. Emanuel heeft schriftelijk toegezegd terug te keren na zijn opleiding. De nieuwe apparatuur wordt onderhouden door de technische dienst van het ziekenhuis, die recent verantwoordelijk was voor succesvolle projecten zoals het zonne-energiesysteem en het nieuwe OK-complex.

Het ziekenhuis kan Stichting Improve jaarlijks rapporteren over:

- De voortgang van de opleiding
- De werking van de tandheelkundige afdeling
- Financieel gebruik van de middelen

Afsluiting

Wij geloven dat Stichting Improve met deze investering werkelijk het verschil kan maken in de levenskwaliteit van duizenden mensen in het district Sengerema. Uw steun helpt niet alleen de mondzorg te verbeteren, maar ook een glimlach terug te brengen — op een duurzame, structurele manier.

Namens het team van Sengerema Mission Hospital en de gemeenschap danken wij u voor het overwegen van deze aanvraag.

Bijlage

Zie onder.

Questions & Answers

1. Situation & Current Challenges

- What is the health issue or dental need in your region?
 - Possibly up to 8 million people (we called around and only heard of 2 dental surgeon in this side, east, of Victoria lake). Very high need for complete package dental care! Every month 2 to 3 patients die in our hospital due to sever dental abscesses. Couple of times a week we have facial fractures due to road traffic accidents
- What are the biggest challenges at the moment (distance, cost, lack of staff or equipment)?
 - We need funding to train one of our motivated staff member to become a dental surgeon. He tried two years to get in a training program but because only 9 positions become available every year he doesn't get in. He is able to get in Kampala, Uganda
- What impact does this have on the community?
 - People are suffering, in pain and causing mortality. Could curative care is necessary, as well as outreach to include preventative health and dental care sensitization.

2. Vision & Objectives

- What do you hope to achieve with this project?
 - Outreach programs to remote villages, school, train, educate and treat people
- How will this project improve the current situation?
 - This hospital has been functioning as a referral hospital for years. it is 68 years old and is trying to get this recognized as an official status. If we can get a dental surgeon, this will a great extra specialistic care we could offer as a referral hospital in the region. Less mortality, suffering, pain, infections, abscesses, etc.
- Who will use the clinic (estimated number of patients, target group)?
 - de town and surrounding districts of Sengerema
 - The clinic can also be included in the hospital outreach activities (including those further afield).

3. Planned Activities & Steps

- What are the main steps to set up the clinic?
 - Hiring staff

- Training or coaching sending Emmanuel Nicodemus to university to become a dental surgeon. 5 year and 6 months program cost about 8500€ per year (includes school fees, boarding and travel)
- Renovation / new construction of the dental clinic as part of a larger hospital renovation plan
- Supplies and equipment all up to standard equipment for a dental care department with x ray machine. From abroad or via buying from MSD
- Is there already a building or space available? If so, could you send some photos?
 - See project description

4. Team & Responsibilities

- Who are the people involved in this project?
 - 2 dental assistants, 1 person to be trained as dental surgeon
- What are their roles and responsibilities?
 - Currently they do consultations, and tooth extractions, prescribe medications like antibiotics and painkillers. No dental repairs and fillings due to lack of equipment
- Who will be in charge of the clinic on a daily basis?
 - Eventually the dental surgeon. For now the senior Dental assistant who has been working here for 12 years (and who is up for retirement soon)
- Is there already a medical or support team active in the area?
 - Yes, in a start-up government hospital in town where there is also a dentals assistant working. Before this hospital is up and running this will take some more years (if ever).

5. Infrastructure

- What facilities are already in place (e.g. electricity, clean water, pharmacy)?
 - All are in place
- Is there backup power (such as a generator)?
 - Yes, city supply, generator and solar
- Is there space for sterilization, patient records, and a waiting area?
 - Yes, all is there. also an EPD with computers.

6. Medication & Consumables

- Can the clinic or a nearby pharmacy supply local anesthetics (carpules), painkillers, and antibiotics?
 - Yes all are available through the hospital
- Are there reliable suppliers for gloves, face masks, gauze, disinfectants, etc.?

- Yes, same.

7. Finances & Sustainability

- What is the estimated total start-up budget?
 - See project proposal
- What are the estimated monthly operating costs?
 - To be determined based on staffing levels (currently two dental assistants on the hospital and government payroll).
- Do patients pay for treatment? If so, what is the approximate price range?
 - Yes, for a consultation 6€, operation costs 30€,
 - We have social fund program for patients that cannot afford treatment. Social workers are in-place to assess this.
- Is there a plan to make the clinic financially self-sustaining in the long term?
 - This is the aim, yes
 - As soon as the clinic is known to offer higher quality services (not just extractions) patients are expected to gather in higher number (also given the lack of good alternatives in the district and region west of Mwanza).

8. Legal & Administrative Matters

- Is government approval required to start? And has it been obtained?
 - The current clinic is approved as part of the hospital service
- Do you have documents or evidence of this?
 - The dental unit has been functioning for 30 years and included in reports to the government. I am not sure whether there is a separate original application and approval document still to be found in the archives
- Are there legal or administrative considerations we should be aware of?
 - We are currently working on a hospital building renovation plan. As part of this it is likely that the dental unit will need to move to a different / new building. We are asking for facilities (and training funds) in this proposal, not building funds.

9. Partners & Network

- Are other organizations, churches, schools, or local authorities involved?
 - The Sengerema Designated District Hospital is a mission hospital of the Catholic Diocese of Geita
 - The hospital has a wide network of relatively small international donors.

- Simba Health is one of the bigger donors and is trying to secure funds for the hospital renovation. It has recently funded the construction of a new 2-story surgical and training building
- Can local dental or medical schools provide interns or staff?
 - No, but if the dental unit has its own dental surgeon, it would qualify as a training location perhaps through the Sengerema Health Training Institute. This is a partner institute of the hospital under the same Diocese of Geita and located next to the hospital
 - The hospital also takes in trainees from the Catholic University of Health and Applied Sciences (CUHAS) in Mwanza. This could also include dental trainees eventually.
- Who are the key contacts for this project?
 - Doctor in Charge Sister Marie Jose Voeten
 - Simba Advisor Daniel Schotanus.