



**STICHTING**  
**VRIENDEN**  
**SENGEREMA**  
**HOSPITAL**

**Annual Report 2021**

Foundation Friends of Sengerema (Stichting Vrienden Sengerema Hospital, SVSH) was founded in 2011 by a group of passionate former student doctors of Sengerema Hospital. In the past years our foundation has grown to an active and ambitious support to the hospital. Due to the overwhelming support of our donors we have been able to make a real difference for the hospital, its employees and its patients.



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## **Board 2021**

*Chairman*

**Niek Versteegde**

MD Global Health, General Practitioner

*Treasurer*

**Sebastian van Lare**

Financial controller

*Secretary*

**Laura Duineveld**

General Practitioner

*Project management*

**Rian Jager**

MD Global Health

**Sandra Zoetelief**

Registrar pediatrics

*Communications and Public Relations head of project NICU*

**Milou van Ingen**

Physician Assistant neonatology

## Introduction

Dear reader, thank you for taking the time and effort to read this annual report. 2021 was the 10<sup>th</sup> year of our existence. It was a very productive year for Friends of Sengerema Foundation, and we were able to continue some of our successful projects as well as initiate a some new important ones. We welcomed Rian Jager to the board of SVSH, who has been working for us for the past 3 years already and who has been very productive in starting, executing and monitoring projects in the hospital. It was a logical step to introduce her to the board and to further continue the collaboration.

In April 2021, Sebastian and Sandra, two members of the board, visited Sengerema for a total of 2 weeks. They helped in monitoring the existing projects and the final stages of the building of the new NICU.

In 2021 we secured a large amount of funding through existing and new donors which will help us to start some very interesting projects in the hospital which will improve the quality of care given in the hospital tremendously. The biggest project amongst these is the building of a new Reproductive Child Health and an Antenatal Care building, a long term wish of the hospital management.

2021 was also a challenging year. The Delta variant of COVID-19 set foot in the country, resulting in a sudden influx of very sick patients. Up until 2021, COVID-19 was considered very mild and the daily activities in the hospital were not affected by it. In July and August however, the hospital received over a 150 very ill patients, all needing oxygen and medication. Quite a few of the local staff unfortunately fell ill with the disease and three of them perished. The foundation is very thankful for being able to make a significant contribution to this pandemic as well as simultaneously being able to continue the contribution to improving the quality of care.



## Projects of the foundation Friends of Sengerema

### Introduction

2021 was again a very successful year in initiating new projects such as a new RCH and ANC building and an education project for the local staff, as well as bringing new life into a project from the past, enabling malnourished children to be treated with a standard of care. We completed the building of the new Neonatal Intensive Care Unit, which improved the care of the most vulnerable newborns immensely.

Next to these new projects we also continued to support our other running projects like the poor fund, alcoholic hand rub and HIV testing which have been running continuously for the past years and contribute significantly to the accessibility and quality of healthcare in Sengerema DDH.

Below there is a short summary of our achievements, followed by a more detailed explanation of the most important projects.

### Achievements

- 344 patients provided with meals
- Supported the hospital with approximately 1500 litres of methylated spirit for clean and safe patient care
- Provided funds for testing 500 blood donors for blood-transmittable-diseases like HIV and hepatitis
- 76 patients with burns treated
- 273 patients supported with medication and procedures who were unable to pay for these themselves
- 7 families enrolled in basic health care insurance scheme
- Support through salary of 2 nurses
- Renovation of a kitchen where nutritional porridge for malnourished children can be prepared
- Establishment of a fully equipped improved Neonatal ICU to take care of the most vulnerable newborns
- Initiation of a Continuous Professional Development program for education of the local staff
- Funding secured and building initiated for a new Reproductive Child Health and Antenatal Care building

### Recurrent projects

The recurrent projects are still a valuable contribution to the hospital. We provide alcoholic hand rub for hand hygiene to prevent patient to patient transmission of infections. Furthermore, the blood bank receives funding to ensure safe blood transfusions by organising blood donation campaigns in secondary schools and acquiring rapid diagnostic tests for syphilis, HIV and Hepatitis B so that in case of an emergency the hospital can screen blood locally.

### Poor fund

Since the start of SVSH, the foundation is helping patients who cannot pay for their treatment in the hospital through the Poor Fund. This helps to ensure that patients who are unable to pay for their

treatments to still be able to receive often lifesaving care. Since the Tanzanian government mandated in 2018 that the previously free treatments now require payments, this has resulted in a big shift in the ability to seek care in the community of Sengerema District. Especially for patients with chronic diseases such as diabetes, sickle cell disease or epilepsy the costs of their lifelong treatments is too high to bear and can force them into bankruptcy.

Friends of Sengerema Hospital has, since the start of the foundation, contributed to the funding of treatments for all patients who cannot afford them, through donating for hospital meals as well as payment of medications and procedures. Any patient who claims to not be able to afford treatment is screened by the matron and the social welfare officer of the hospital to establish if there is absolutely no contribution possible from the patient or their family and if not, they arrange the payment.

In 2021, the foundation started a collaboration with the social welfare service of the hospital to put recurrent patients, mostly patients with chronic diseases in a local health insurance scheme. This scheme is intended for only the poorest of people and requires an annual fee of €30,-. The treatment and medication given to the patient will then be reimbursed by the health insurance. In this way patients will receive care at a reduced rate and it will help to increase hospital revenue. At the end of the year we managed to enrol 7 families in this insurance scheme and we will continue this in the next years.

## Malnutrition fund

In 2021, the malnutrition project was initiated again. The project was originally started in 2015, but only had funding for 3 years. For 2 years, the hospital was responsible for bearing the costs of this project themselves, but was largely unable to manage this, resulting in patients required to pay for their own treatments. Since malnutrition is highly associated with poverty, most patients were unable to do so, followed by an increase in the death of these kind of patients. In 2020, we secured funding through Foundation Ole Brumm to restart this project for the next 3 years.

The kitchen adjacent to the children's ward was renovated, to make sure there is a safe and adequate space to prepare the local formula needed to treat these children.

Local special malnutrition formula (F75 and F100) is made under the supervision of our local staff to feed children who need admission for severe acute malnutrition. Admission of children under 5 is free of charge (as mandated by the government), but the project pays for diagnostics and medication. In 2021 there were a total of 89 admissions. We noticed that there was more than 50% decrease of deaths (16% compared to 38%) in children admitted with severe acute malnutrition, compared to 2020. We believe this is due to making the treatment accessible to all patients.

The resident in Global Health and Tropical Medicine Inge Hendriks, who was present in the hospital for 6 months as part of her training, helped with this project by introducing a protocol on admission and treatment, and a special admission form. This will help to ensure that all admissions will receive standard of care.



## RCH and ANC building

In collaboration with SIMBA HEALTH foundation, SVSH received funds for building a new emergency department in the hospital. However, the space where the hospital management would like to build this new department, is currently occupied by the Reproductive Child Health (RCH) building. SVSH submitted a proposal to AFAS foundation for the funding of the building of a new RCH building and an Antenatal Care building. With the building of these two departments, all preventive care will be moved outside of the hospital, helping the infrastructure of the outpatient department of the hospital and making way for the building of an emergency department. AFAS foundation approved the funding.

A floor plan was drawn with the help of the local staff of the RCH and ANC clinics and the RCh coordinator of the district. This was translated in to an architectural plan. A tender was set out and a local contractor was attracted. The renovation of the two old family hostels into the RCH and ANC building will start early 2022.

Meeting and drawing of the new RCH and ANC building with RCH and ANC staff.



Site visit with staff.



## Burns

In 2021, a total of 76 patients were admitted with acute burns, and 8 patients needed to be operated. In children under five, burns is a diagnosis that ended up in the top ten diagnosis on admission. This undermines the need for adequate care for patients with burns and for training of the local staff. The hospital is well known for the ability to take care of these kinds of patients and the surrounding health facilities in the district refer patients with this condition to the hospital. Since admission time of these patients is often long and the wounds need a significant time to heal, it is most often not feasible for the patient to pay for the treatment. SVSH provided medication and supplies for these patients and paid for the operation costs.

Global Health resident Sieuwke Hartmans helped the project in designing a leaflet for the prevention of burns and went on outreach with a local nurse to sensitize the local community on how to prevent burns from happening. This is an important step in trying to reduce the amount of patients who need burn care.

## Solar energy: a reliable and sustainable source of energy

Reliable electricity is a big problem for the hospital. The electricity company of the Tanzanian government TANESCO is very unreliable as a source, especially during raining season and power cuts are very frequent. The hospital has an old generator which is prone to breakdown and needs diesel to function, which is both expensive and unfavorable for the environment. Due to fluctuation in the current, sensitive equipment that is being used in the hospital such as oxygen concentrators and patient monitors break down easily. Therefore, the hospital is looking for a reliable source of electricity to help both in cost reduction and to protect the sensitive medical equipment.

For this purpose Raphael Gdalia, who is a student in electronic engineering from Paris, volunteered at the hospital for 3 months in the end of 2021. In those months, he worked together with the technical team of the hospital to investigate the feasibility of installing solar panels at the hospital to connect the most vital departments of the hospital to. Together with Rian a proposal was written to Colam Initiatives, a French philanthropic organization. In early 2022 this proposal will be presented to the board of Colam Initiatives.

## Housing

In late 2021, the hospital started to receive students again from the University of Nijmegen. This meant there was a problem of housing the residents in Global Health and Tropical Medicine. These residents have shown to be indispensable for the hospital, since they are all hardworking, are able to do on call duties and help to reduce the overall workload of the hospital. The hospital relies on them for a lot of the day to day work.

SVSH decided to help the hospital by renovating an old, run down house that is situated on the airstrip and which in the nineteen eighties and nineties was used to house the student doctors who were doing their rotation from the university of Nijmegen.

The renovated house now has two bedrooms, two bathrooms and a spacious outside patio. This way, 2 residents Global Health can be housed at a time and have a safe and pleasant space to stay.

## Education

The Tanzanian government has mandated in 2021 that all medical professionals need continuous professional development points to be able to register at the medical council of Tanganyika (MCT). This means that all medical professionals need to spend at least 20 hours per year on education to be able to register as a medical provider. This is a challenge for the staff of the hospital, since these so called CPD courses are costly and the staff would be out of the hospital to attend these courses. SVSH decided to take this problem on their shoulders and Rian agreed to initiate this as a project. Since the foundation has always been active in educating the local staff this was a logical step for us as a foundation.

The hospital was the first in Tanzania to register as a CPD provider. The Emergency Triage Assessment and Treatment (ETAT) training, a training programme developed by the WHO to quickly assess and treat severely ill children was the first course to be accredited by the MCT. At the end of the year Milou and Rian, together with local paediatrician dr Rwezula have developed a three day program following this ETAT training that will educate the clinical officers, clinical assistants and medical officers of the hospital in emergency care for children.



SVSH will accommodate the costs of this training for the local personnel. Health care providers outside of the hospital will also be invited to join for a fee. This way we ensure sustainability of this project.



## COVID-19

In July and August of 2021, the Delta variant of COVID-19 got hold in Sengerema. A sudden influx of patients meant that there had to be a new response initiated. Rian Jager took upon her the organisation of a COVID-ward which was realised in the Grade ward, the ward for private rooms and patients with health insurance. With help of donations from SIMBA Health and SVSH the purchased oxygen concentrators were moved to this ward. Since the supplies that were purchased in 2020 were hardly used, the hospital was well prepared for this new outbreak. More oxygen cylinders were acquired and daily runs to the oxygen plant in Mwanza were initiated.

Over 150 patients were treated in July, August and September of 2021. As there was once again hardly any response from the local government, it shows that help from SVSH and SIMBA Health is of great value to the hospital and the community of Sengerema.

## Financial overview 2021

### Balance sheet

2021 was again an active year for SVSH. Next to our recurring activities we also contributed to help keep the hospital running during the COVID-19 pandemic, we started the renovation of the NICU department, were more active in local training and started a Study fund for the education of local Health workers and help guide to hospital this way to the higher status of referral hospital. After successfully running all these project SVSH was able to maintain a healthy financial balance to keep counting our work in the future.

#### Friends of Sengerema Hospital Balance sheet (per December 31st, 2021, in euros):

<b>Balance 2020</b>		<b>Liabilities 2020</b>		
-	Cash and cash equivalents	€ 62.554,10	-	€0,00
<b>Obtained assets in 2021</b>		<b>Liabilities in 2021</b>		
-	Cash and cash equivalents	€ 15.229,56	-	€0,00
		<b>Equity</b>		
		-	Rabobank bank account	€ 77.783,66
<b>Total</b>		<b>€ 77.783,66</b>	<b>Total</b>	<b>€ 77.783,66</b>

## Income and expenditure

SVSH has two separated cash flows. Our most important cash flow is the cash flow coming from our sponsors, this may come from individuals, foundations and corporations. Donations from these sources will only be used for the direct benefit the hospital of Sengerema, unless specified differently by the donor. We are proud to say that 100% of the money coming from our donors is invested in this way.

The second cash flow consists of donations made by members of the board and other people who have chosen to contribute to overhead costs and reimbursement of expenses. These donations can be used to cover running costs including promotional materials and visits to Sengerema. Overhead costs and reimbursement of expenses can never exceed the amount donated for this purpose. If there is money left after withdrawing the running costs from the total amount of these donations, this money can be used for projects that directly benefit Sengerema Hospital.

### Statement of income and expenditure account for the year 2021 (in euros):

<b>Income</b>		<b>Expenditure</b>		<b>Net. Result</b>
Income from private donations, donations made by foundations and corporations	€ 150.835,88	Foundation managed project (money spent directly to benefit Sengerema Hospital)	€ -136.280,51	€ 14.555,37
Income from board members' donations	€ 693,00	Running costs	€ -900,13	€ -207,13
Donations intended for overhead costs and travel expenses	€ 2.000,00	Overhead costs and travel expenses	€ -1.118,68	€ 881,32
<b>Total</b>	<b>€ 153.528,88</b>	<b>Total</b>	<b>€ -138.299,32</b>	<b>€ 15.229,56</b>

## Income 2021

2021 was a good year considering income. With a total financial income of **€ 153.528,88**. A large share of this income was raised through fundraising activities with other foundations. A milestone was the start of the Project NICU for which all funding was raised among others together with **Wilde Ganzen, Stichting Little Superheroes, Stichting Nederlands Albert Schweitzer Fonds, Stichting Dayalu** and **Donation congregation of Joannes de Deo**

Important to note is the continuing collaboration with the brothers of mercy (broeders van Johannes de Deo) who once founded the hospital in 1959. Through their support we will receive a sum of approximately €40.000 per year for 5 years to help the Sengerema hospital transition from a district hospital to a regional referral hospital. 2021 is the second year for SVSH to receive funds through this route.

The amount coming from people donating periodically was **€ 9.751,79**. This is extremely helpful because it enables us to take on projects that run for multiple years. Next to that there was an incredible amount of donations received to help keep the hospital running during the COVID pandemic for which we were very grateful and made it possible to keep employees safe and allowed for better treatment during this difficult times. In 2021 there were several persons who organised a fundraising for our foundation. This has been of great significance to us as it yields significant income and more people get familiar with our work. SVSH is very grateful to all persons who have contributed to us by organising a fundraising.

## Overview of income 2021

Category	Name of sponsor	Amount donated	Total per category
Donations made by regular contributors	Different private sponsors	€ 9.751,79	€ 9.751,79
Donations from other foundations	Donation congregation of Joannes de Deo **	€ 27.300,00	
	Stichting Little Superheroes	€ 0,00	
	Stichting Dayalu	€ 0,00	
	Stichting Nederlands Albert Schweitzer Fonds	€ 0,00	
	WILDE GANZEN	€ 17.395,00	
	Stichting AFAS Foundation	€ 70.000,00	
	Colam	€ 4.200,00	
	Rotary Club WBT	€ 0,00	
	Private Foundation*	€ 16.100,00	€ 134.995,00
	Donations from members of the board	Board members and previous board members	€ 693,00 **
Other private donations	Various persons	€ 8.088,18	€ 8.088,18
Interest rate	Rabobank	€ 0,91	€ 0,91
Total income from our sponsors			€ 153.528,88

\*Private foundation does not want publicly known that they donated money

\*\*Donations (partly) intended for running- and overhead costs or travel expenses

## Expenditure 2021

2021 was a steady year in regard to the local projects. Next to that we are excited to have started on Project NICU for which we expect to have the new department running already in Q2 of 2021.

### Project expenditure 2021

Project	Expenditure
Alcoholic hand rub	€ 2.000,00
Blood bank	€ 1.000,00
Malnutrition	€ 8.100,00
NICU - Medication	€ 2.000,00
NICU - Night duties	€ 2.500,00
NICU - Salary 2nd nurse	€ 3.540,00
NICU - Salary nurse	€ 3.540,00
Local Running cost	€ 200,00
Poor fund	€ 8.000,00
Salary tropical doctor	€ 6.500,00
Study fund	€ 5.000,00
Top-up local project manager	€ 4.400,00
Burns Project	€ 7.500,00
PROJECT NICU	€ 33.400,51
RCH	€ 28.000,00
Renovation Housing Airstrip	€ 11.000,00
Fiber Optics (SIMBA)	€ 2.500,00
Regional referral status Sengerema Hospital	€ 1.500,00
Diagnostics (Raphael)	€ 4.200,00
10 oxygen cylinders and 3 regulators (SIMBA)	€ 1.400,00
<b>Total</b>	<b>€ 136.280,51</b>

The total expenditure on running costs, overhead costs and travel expenses were **€ 2.018,81**. The majority of this was used for promotional expenses, which were fully covered by donations specifically labelled for this purpose. Expenses made are 1.05% of total income. These expenses are fully paid by the board of SVSH. No wages were paid.

### **Running costs and expenses 2021**

Type of costs	Paid from:	Amount	Total
<ul style="list-style-type: none"> <li>Expenses made for the bank account</li> </ul>	Donations from the board	€ -430,16	
<ul style="list-style-type: none"> <li>Other operating cost</li> </ul>	Donations from the board	€ -469,97	
<ul style="list-style-type: none"> <li>Promotional expenses</li> </ul>	Donations intended for overhead costs and travel expenses	€ -1.118,68	
<b>Total</b>			<b>€ 2.018,81</b>

Expenses of board members which were not declared also contribute significantly in keeping running costs at a low level. All members of the board pay for their own travel expenses in Holland, drinks and food at meetings and office equipment. No wages were paid.

It is hard to put a price on these combined efforts and contributions made. The board members of SVSH are really grateful to each and every person who has contributed to help us help Sengerema hospital.

### **Conclusion**

As can be seen in the balances above SVSH is continuing to have a healthy financial balance. The balance for 2021 is positive and we were able to maintain a similar level of support. We will continue to put effort into getting a stable income to continue to support Sengerema DDH with structural projects. Additionally, we will continue looking for opportunities to support once-off projects to improve the medical care in Sengerema DDH.