

STICHTING
VRIENDEN
SENGEREMA
HOSPITAL

Annual Report 2016

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 few 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 really make a difference for the hospital, its employees and its patients.



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Tasks: Project Management

Project management
Femke Boot
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Tasks: Project Management

General member
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Celine Bughwandass
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Department of Surgery, het Slingeland Ziekenhuis, Doetinchem, The Netherlands

Stichting Vrienden Sengerema Hospital

- We strive for equal and close cooperation with Sengerema Hospital
- We pursue an open and transparent process
- We guarantee that 100% of donations go directly to Sengerema Hospital
- We join all those who care for Sengerema Hospital
  (Stichting Pius, Simba, interns, family and friends)
- We strive to reinforce local expertise and making medical care and education accessible for anyone
- We stand for: passion, involvement and transparency

Projects of the foundation of friends of Sengerema Hospital 2016

Introduction

2016 has been a very interesting year for our foundation. We were able to start a new project directed at improving treatment and care for malnourished children. Also we were very eager to see how the pharmacy project and project NICU would continue after stopping the direct supervision and guidance from our side.

In 2015 we initiated these two big projects in close collaboration with the hospital, which required a lot of training and change management. With the pharmacy project we addressed the procurement and supply chain management of the hospital and in project NICU we initiated and funded a neonatal intensive care unit and provided training to all nurses and doctors in neonatal resuscitation and care. During the major part of 2016 no direct supervision and guiding was available for these projects.

In addition to these projects we also continued to support our other running projects like the poor fund, training of staff and HIV testing which have been running continuously for the past year and contribute significantly to the accessibility of healthcare in Sengerema DDH.

Below you find a short summary of our achievements, followed by a more detailed explanation of the projects.

Summary of achievements

- Approximately 8000 meals for poor patients provided
- Essential medical support provided for approximately 250 patients who were too poor to pay for adequate treatment
- Funds provided for the neonatal intensive care unit to ensure availability of staff and medication throughout the year leading to 1000 admissions in 2016
- Funds provided for hiring a medical officer for the NICU and paediatric ward
- Bedside teaching and training provided for 4 weeks by visiting specialists
- Supported the surgical team of the Slingeland hospital, facilitating them to perform specialist surgeries on approximately 130 patients
- Supported the hospital with approximately 1500 litres of methylated spirit for clean and safe patient care
- Provided approximately 2000 HIV tests and 8000 syphilis tests to test and treat pregnant mothers to protect their unborn children
- Initiated a project to improve care for malnourished children benefiting approximately 150-200 children annually
- Supported the hospital by financing essential spare parts for theatre equipment and computer systems
- Supported two staff members for advanced studies

Improving malnutrition care in Sengerema Hospital (new project)

The malnutrition project was designed and run by Lonneke Landzaat, Marjolijn Quaak and Steven van den Boomen. The three of them managed to write a proposal for improved malnutrition care and find the funds to improve care for two years. Thanks to the generous donation of BrandCharity the project was ensured of sufficient funds to manage the project for at least two years.

The project consists of

- Hiring a nurse for 2 years
- Renovation of the kitchen
- Renovation of the ward
- Developing new protocols
- Training of doctors and nurses in malnutrition care
- Purchasing ingredients and firewood required for preparing malnutrition food.

We expect that 150-200 malnourished children per year will benefit from the improved care provided through this project.

Project NICU

Before the beginning of 2015 there was no neonatal intensive care unit, there was no staff trained in neonatal care and only few were trained in neonatal resuscitation. In 2015 a neonatal intensive care unit was initiated, necessary equipment was delivered and staff was trained by SVSH in order to improve neonatal care.

In 2016 there was no continuous support available. However, Milou van Ingen (physician assistant neonatology, Radboud MC Nijmegen)and also project manager of this project, managed to visit Sengerema twice to identify bottlenecks in the processes at the labour ward and NICU and retrain staff. This is contributing significantly to keep staff alert and motivated.

In addition to our NICU project another project directed at neonatal care was launched and supported by TOUCH foundation, which is an American foundation active in Sengerema. Thanks to their support staff was trained again in neonatal care and new, highly needed equipment like phototherapy and continuous positive airway pressure were introduced.

Also, we are very happy to announce that we were able to hire a medical officer for the paediatric ward and neonatal intensive care unit. Thanks to generous support by Dayalu foundation we were able to hire a medical officer that will focus mainly on neonatal care for at least 18 months. The hospital will strive to find funds to pay for her wages after that. Hopefully, in the future she may be trained to become a fully qualified paediatrician.

The project consists of:

- Hiring 1 nurse
- Hiring 1 medical officer (with support of Dayalu foundation)
- Retraining and bedside teaching in neonatal care and neonatal resuscitation
- Paying night fees to ensure continuous availability of staff 24hours per day

- Paying for medication, milk and fluids for all newborns

In 2016 the number of NICU admissions was 1000, which is more than double the amount admitted in previous years. It was perceived by staff and patients to be a very highly needed project that contributes significantly to care for the smallest and most vulnerable children.
This project will be supported for a minimum of 3 years.

The pharmacy project

In 2015 the pharmacy project was initiated in close collaboration with SDDH in order to improve the supply chain management and procurement strategy. The goal was to decrease the purchasing price of medication, to increase availability en to decrease out of stocks. Debt was reduced, procurement strategy was improved and a procurement officer was hired by the hospital to sustain these developments.

Through a successful fundraising party in October 2015 SVSH managed to raise €10.216.67 which was topped up to €15.325 by our partner Wild Geese (Wilde Ganzen). This amount was contributed to this project by SVSH; it was used to improve infrastructure and purchase medication.

The project consists of:

- Purchasing 2 weeks of stock for the hospital
- Renovation of 2 storerooms for medication and consumables
- Invest in ICT infrastructure by purchasing computers and servers
- Installing a stock keeping system
- Training staff in digital stock keeping and dispensing of drugs

Although these measures helped in improving the supply chain management, there were some unfortunate setbacks during this project. Digital stock keeping appeared to be insufficiently developed by the software developer of the hospital. Therefore a temporary shift back to analogue stock keeping was needed.

The most important setback was that because of new government regulations and delays and decreases in funding of the, the hospital has not been able to continue to assure a continuous supply of medication and consumables.

Despite these difficulties, the hospital continues to strive for continuous availability of essential medication and drugs within existing limitations. There are currently no plans to continue to invest in this project by SVSH.

Safe motherhood

Infectious diseases like HIV and syphilis in pregnant women are a potential threat to their unborn child, because these infectious diseases can be transmitted to them. If left untreated these diseases have significant consequences for the mothers and their newborn babies. If detected in time most of these infections and complications can be prevented by medication that is readily available in Sengerema DDH. Transmission of HIV from mother to child is preventable for 98% if detected

and treated in time, thereby also improving the health status of mother. Detection and treatment of syphilis also leads to an important reduction in deaths and disability of neonates.

In 2016 SVSH has provided enough funds to test 2000 women for HIV and to test 8000 women for Syphilis. Together with tests provided by the government this was sufficient to test all pregnant mothers that attended the labour ward of Sengerema DDH.

The poor fund; ensuring access to healthcare for the most vulnerable

Ensuring access to healthcare for the poor and the vulnerable patient in a setting like Sengerema DDH is a difficult and challenging task that requires significant resources as there are many people that cannot afford even the smallest fee.

Most patients have to contribute at least a small amount for their diagnosis and treatment, which enables the hospital to maintain in a setting of continuous shortage. SVSH believes there should be a safety net for those who cannot contribute anything.

Therefore, a significant proportion of our budget is reserved for the poor fund; this hospital-run poor fund ensures that most people have access to healthcare, even when they do not have enough money. This poor fund consists of a food support and a medical support branch, each having their own budget.

SVSH has donated €4000 for food support. Half of this amount is reserved to provide porridge for mothers of premature babies. Because these mothers frequently have to stay in the ward for weeks and most families cannot afford this, this support allows mothers to stay longer to allow the premature baby to grow more before they go home. The remainder of the money is for patients who do not have money for food nor relatives to take care of them. The total amount is sufficient to provide approximately 8.000 meals.

For medical support SVSH has contributed €3000. This amount, albeit small, helps the hospital to provide care for the poorest people. The fund is managed by the matron of the hospital who, as nursing officer in charge, is responsible for the care of patients. People who cannot afford treatment are sent to the matron by the doctors or the nurses of the ward. She then sits and talks with the patients or their relatives to see which amount is required. In most cases the patients contribute some amount to their treatment, depending on how much they can afford. The hospital helps by reducing admission costs or charges for treatment.

In this way a lot of treatments are partly paid by the patients and partly by the hospital and SVSH. We all contribute something.

Support for the Slingeland surgical mission

Since the beginning of 2013 SVSH and SIMBA have intensified their collaboration. As part of this collaboration SVSH has been supporting the surgical missions going to Sengerema since 2011. Twice a year Erik Staal visits Sengerema Hospital with a surgical team to offer specialist care. These missions are very important for increasing access to specialist care. Surgeries that the local population cannot afford or are not available at all in Tanzania become accessible. These surgeries

cure people from stigmatizing disabilities like goitres, colostomies, clubfeet and many other orthopaedic deformities. Surgeries that can change people's lives completely.

SVSH supports these missions to make sure all required equipment is available and staff can be paid overtime. Therefore, the surgical team can work efficiently and help as many people as possible in a short timeframe. In 2016 approximately 120 people were operated. Especially for children these surgeries have an immense positive effect with respect to their future lives as it prevents them from living with disability. The team itself pays all travelling and living expenses. More information about these surgical missions can be found on their weblog: https://slingeland.blogspot.com

Support in kind

In 2016 the support in kind was very restricted as no container was sent. The equipment which was donated to SVSH was stored in order to send in the future.
Few materials were purchased and transported to SVSH. Amongst other things this included:

- Spare parts for oxygen concentrators
- Spare parts for operating table
- Spare parts for the anaesthesia machines

It is expected that in 2017 SVSH will send another container with equipment to support SDDH.

Study fund

2016 was the first year for SVSH to support SDDH to send staff for advanced training. A clinical officer was sent to be trained as an assistant medical officer. One of the scrub nurses was sent to become a nurse anaesthetist. After completion of their studies they will return to Sengerema DDH.

Alcoholic hand rub

The infection prevention project started in 2013 and its main goals are preventing transmission of infectious disease and improving hand hygiene by staff, patients and family members. The introduction of alcoholic hand rub dispensers with disinfection fluid has been very successful and highly appreciated by local staff as described in the previous annual reports. As we consider it extremely important that the practice of disinfection at all wards continues, we contributed another €2000 to this purpose. The hospital used this to purchase 1500 litres of methylated spirit, which is sufficient for 6 months. The remainder is purchased by the hospital at their own expense.

Financial overview 2016

Balance sheet

2016 was a successful year for fundraising. However, due to the start-up of big projects we end up with a slightly negative balance compared to 2015. It is essential to maintain or even increase our fundraising if we want to continue projects of this extent.

There is a minor discrepancy in our balance. This is due to a deposit made to Sengerema hospital, which we got refunded in the beginning of January.

Friends of Sengerema Hospital Balance sheet (per December 31st, 2015, in euros):

Balance 2015		**Liabilities 2014**	
- Cash and cash equivalents	€ 31.799,97	-	€0,00
Obtained assets in 2016		**Liabilities in 2015**	
- Cash and cash equivalents	€17.326,39	-	€0,00
		Equity	
		- Rabobank bank account	€49.126,27
Total	**€49.126,27**	**Total**	**€ 49.126,27**

Income and expenditure

SVSH has two separated cash flows. We have made this separation in order to guarantee that money donated by our sponsors is always spent on projects concerning Sengerema. We are proud to say that 100% of the money coming from our sponsors is directly invested in projects for the benefit of Sengerema.

Our most important cash flow is the cash flow coming from our sponsors, which may come from individuals, foundations and corporations. Donations are done to benefit the hospital of Sengerema and can only be spent that way, unless specified differently by the donor. In other words: money from sponsors is exclusively used for projects, material and other goods that benefit the Sengerema Designated District Hospital directly.

The second cash flow consists of donations made by members of the board and other people who have specifically decided to contribute to overhead costs and reimbursement of expenses. Money coming from these donations is 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 goal. 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 benefit Sengerema Hospital.

Statement of income and expenditure account for the year 2015 (in euros):

Income		**Expenditure**		**Net. Result**
Income from private donations, donations made by foundations and corporations	€ 61.304,38	Foundation managed project (money spent directly to benefit Sengerema Hospital)	€ 46.728,04	€ 14.576,34
Income from board members' donations	€ 1.561,23	Running costs	€ 549,24	€ 1.011,99
Donations intended for overhead costs and travel expenses	€9.237,36	Overhead costs and travel expenses	€7533,70	€1.703,66
Total	**€ 72.102,97**	**Total**	**€ 54.810,98**	**€ 17.291,99**

Income 2016

2016 was a relatively good year considering income. With a total financial income of €72.102,97 the income was practically identical to 2015. There was a shift in origin of the money with more income coming from other foundations and less income coming from private fundraisers.

The amount coming from people donating periodically slightly increased to a total of €15.148,06, which is very helpful. This enables us to take on more projects that run for prolonged periods of time.

Noteworthy was that we received a significant amount (€ 9.237) of donations which was specifically intended for running costs and travelling expenses. This allows us to professionalize our operating methods while still committing to our promise to send 100% of our donations to Sengerema.

Fundraising events by private persons

In 2016 there were several persons who organised a fundraising for our foundation. This has been of great significance to us as it yielded significant income (9%) and more people get to know us. SVSH is very grateful to all persons who have contributed to us by organising a fundraising.

Overview of income 2016

Category	Name of sponsor	Amount donated	Total per category
Donations made by regular contributors	62 different private sponsors	€ 15.148,46	€ 15.148,46
Donations from foundations	Dayalu foundation	€ 10.723,00	
	Stichting rommelmarkt Haren	€ 1.000,00	
	Stichting Brand Charity	€ 24.500,00*	
	Stichting Pius XII	€ 715,79	
	Donation congregation of Joannes de Deo	€ 7.150,00*	€ 44.088,79
Donations from members of the board	Board members and previous boardmembers	€ 1.561,23*	€ 1.526,23
Private fundraising	Cootje Lemmen	€ 3.100,00	
	Kerstmarkt Slingeland	€ 1.326,50	
	Collection for birth of Guus Versteegde	€1.669,55	
	Jody van den Tillaart	€ 600	€ 6.696,05
Other private donations	Various persons	€ 4.608,44	€ 4.608,44
Total income from our sponsors			€ **72.102,97**

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

Expenditure 2016

Expenditure on projects in 2016 was significantly lower than the income generated. The main reason for this was that SVSH received lump sums of money intended for projects that last more than one year. Therefore expenditure is less than income. We expect this will be evened out in the next years.

Project expenditure 2016

Project	Expenditure
Material support, purchasing of spares for theatre	€ 1.691,87
Project NICU • Night call allowances for 1 year • Wages of 1 nurse for 1 year • Wages of 1 medical officer	€ 6.074,33
Pharmacy project (lump sum to Wilde Ganzen, for specification see project description	€ 10.216,67
Spendings for support of the mission of surgical team of Erik Staal • Visit March • Visit September	 €1000 €1000
Poor fund • Food support mothers of premature babies • Food support poor inpatients • Poor fund medical support	 € 2.000 € 2.000 € 3.000
Safe motherhood; HIV tests and syphilis tests	€ 2.000
Alcoholic disinfectant project	€ 2.000
Study fund	€2.400
Malnutrition project • Renovation of ward • Renovation of kitchen • Hiring of a nurse • Expenditure on firewood and ingredients • Training • Training materials	€ 13.345,17
Total	**€ 46.728,04**

The running costs and expenses have risen in 2016 compared to 2015. However, as can be derived from the nature of the expenses, most expenses are once-off. The main reason for the rise of the expenses is because SVSH has been more active in sending volunteering healthcare professionals to Sengerema for training purposes and projects. If you exclude these expenses and look at overhead costs paid by SVSH this is well below 1% of all income and fully paid by donations from the board of SVSH.

All expenses made by volunteers travelling to Sengerema were covered for by donations specifically intended for this purpose. No wages were paid.

Running costs and expenses 2016

Type of costs	Paid from:	Amount	Total
Running costs			
• Expenses made for the bank account	Donations from the board	€ 243,59	
• Promotional expenses	Donations from the board	€ 305,65	
Travel expenses and other costs			
• Malnutrition team	Brand charity donation	€ 4.237,36	
• Dutch tropical doctor	Private donation 2015	€ 3296,34	
Total			**€ 8.082,94**

Income for SDDH through different routes affecting SVSH

Besides financial donations, we also receive donations in kind. These consist of goods that are of great value in Sengerema hospital. We cannot include these in our financial overview. However, they represent a significant financial donation.

The visits of Erik Staal from SIMBA foundation and his surgical team contributed a significant amount in human capital. In 2016 Erik Staal visited Sengerema twice with his team at their own time and expense. During these two week visits the surgical team treats a lot of people, and therefore has a great impact on Sengerema hospital.

Special gratitude goes out to Milou van Ingen and her team members who have visited SDDH twice in their own time and at their own expense for supervising the NICU project. This commitment is really helping our projects along.

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. Although the direct financial contribution decreased compared to 2014 and 2015, the balance is positive and we expect to maintain a similar level of support for the next years. We will continue to put effort into getting a stable income to continue to support Sengerema DDH with structural projects. Also, we will look for opportunities to support once-off projects.