



Report working Visit Turiani Hospital Burns Turiani Foundation, April 2015

Period: The 18th of April until the 1st of May 2015

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A. Introduction

The Burns Turiani Foundation (BTF) has been active in supporting Turiani Hospital during the past 15 years. The aims of the Foundation are defined in close cooperation with the management of Turiani Hospital and is as follows:

- The focus is on education (teaching and coaching) in health care, with special attention for the Train the Trainer Program ;
- The Train the Trainer Program is developed for training and education of all health care workers, especially for doctors and nurses;
- Subjects of the Train the Trainer Program are related to hygiene, infection prevention/ control and (burn) wound care;
- Monitoring of the impact of the Train the Trainer Program by registration and surveillance of special groups of infections.

Program of the visit of April 2015, based on the 2014 agreement with the management of Turiani Hospital and the outcome of the last visit at Turiani Hospital in October 2014.

Arrival

The arrival in Dar es Salaam late in the evening went smoothly even with extra luggage. The taxi was waiting for us and we had a cheerful and cheap stay in Cefa Hostel for one night.

After breakfast the car of the Mgolole Sisters arrived and the driver brought us in 7 hours along a partly very bad road to Turiani Hospital where the Sisters welcomed us warmly. After a day of rest and making preparations for the first week we started on Monday 21th with our program for two weeks.

B. Attention to the following targets

Target 1: A nurse trainer in every ward, two monthly meetings with trainers and Matron (already realized in 2014)

- Meetings with the Trainers group and Matron;
- Evaluation of the process 2014- 2015;
- Planning targets for 2016.

Target 2: improving hand hygiene, implementation of the new hand washing protocol

- Meetings with IPC-group;
- Evaluation of the new 2015 protocol and, if necessary, adjustment of the protocol;
- Provide every ward of new pictures with proper hand washing instructions.

Target 3: Overview of the data of SSI, as a basis for antibiotic use, to support decisions in wound healing procedures.

- Meetings with the participants of data registration;
- State of the art and how to move on;
- Decisions about continuity of this project will be made by the board of the Foundation after new information about the results of the meeting.

Target 4: Survey of bacteria in wounds and their resistance profile

- Conduct the survey: about 160 swabs will be taken from patients after elective surgery for hernia and hydrocele and in cases of laparotomy and LSCS. All in close cooperation with the head of the laboratory and dr. Joseph.

Target 5: Evaluation and rewriting of the Burn Admission Form (BAF)

- The printed new burn admission forms will be brought to Turiani and coordination of the implementation will take place together with the BAF-group and trainers;
- Lessons will be given to all health care workers to support the implementation, with special attention for the Clinical Officers;
- Lessons will also be given in order to give more background information of the different items on the form and why this information is important in burn care.

Target 6: Attention to bedside training, lessons and workshops and;

- Renewal of the Burn Books on the wards;
- Hand washing procedure in drawings;
- Preparing the arrival of a container with hospital supplies;
- Meeting the Dutch doctors;
- Discussions with the management team about several subjects.

C. Meeting with the management team

Present:

Sr. Julieth Makonde, Hospital Administrator; dr. Samson, Medical Officer in Charge; Consolatha Maembe, Assistant Matron; mr. Mazudi Abdalla, head X-ray Department; Mathilde Aweda, Senior Nurse, notulist, Ina and Ina, board members of Burns Turiani Foundation.

1. Review Report Working Visit ST, Oct. 2014

After very welcoming words of dr. Samson we reviewed the Report of our visit October 2015 and introduced our plans for this visit based on the targets in our proposal. The participants also informed each other about different subjects.

2. Training Targets

- Trainers meeting: Sr. Lydia, Matron and Consolatha Maembe, assistant Matron will organise the follow up with the trainer;
- IPC meeting: dr. Joseph will arrange the meeting with the members, only Eva Kisimbo is on leave the coming week;
- SSI data: dr. Mashaka is on leave but meetings with the group is possible, we can contact dr. Mashaka;
- Survey wounds: head of the lab, Mrisho, is on leave, possible meeting can be arranged in our second week;
- Burn admission Form: a meeting will be organized this week by dr. Samson

3. Workshops

- Lessons are planned for the new nurses and clinical officers about hygiene, wound care and basic burn care;
- On request of dr. Samson lectures will be given to every worker on Wednesday and Friday after report.

4. Agreement Foundation Burns Turiani and Martini Hospital

The agreement was signed on the 8th of April by our Chairman W. Nugteren and P. Littooy, Board member of the Martini Hospital. The basis is that Martini Hospital is willing to support Turiani Hospital with knowledge and materials if possible. Sr. Julieth also suggested the possibility of support in the development of the future Special Care Unit in Turiani Hospital.

5. School of Nursing

As the finances are settled, the building of the school will start in 2016. The former isolation Ward will be used as a classroom and the former Private Ward is ready for housing. The canteen, kitchen and outside toilet facilities need to be built. At this moment a sponsor has not yet been found. Constanica Ndunguru finished her study for Tutor and is active in developing the curriculum.

6. Building activities

Maternity Wards 1 and 2 (pre-natal and labour) are finished. For patients as well as the workers it is a delight being in this new environment. The old Labour Ward and Maternity Ward are demolished. The physiotherapist and dentist found a temporarily new working space in the former Isolation Ward. The third building is under construction. A special request from Turiani was the equipment for anaesthesia in the theatre of Maternity. We did not manage to find the right device in Holland; the management will look for it in Tanzania.

7. Study fund

Nurses Esther and Mrisho finished their study for nurse in anaesthesia, dr. Stella has one more year to go for her study. There is a need for education for another nurse

in anaesthesia and another Tutor. Sr. Julieth will make up a proposal so that the Foundation can decide about financial support.

8. Gift of € 3.500

Paul van der Wijk, former member of the Board of Martini Hospital donated this amount of money when he left the hospital. The plans are to buy new trolleys in the wards for wound dressings. In many ways it is better to buy them in Tanzania. Sr. Julieth and Ina B. will make an appointment for the necessary shopping activities.

9. Materials from Holland

The need for anaesthesia equipment was already mentioned; there is also the request for 20 beds and computers. The last ones will be used to administrate the coming, the treatment and the going of patients and will be used especially at the outpatient clinic. The program with education about the use will be realised by the government. We will go home with these requests and hope that we can send a lot of goods with a container in the end of the year.

10. Library

We proposed the start of a library. There are already good books in the hospital but they are not accessible, so they can be used by every worker. Furthermore, we have the offer of Willem Nugteren to donate some of his medical books. The management is also busy with this idea and will ask tutor Constancia to organise and manage this activity. Special request: only books written in English!

11. Health care workers

There is less shortage of doctors and nurses. Two new medical officers arrived, Dr. Lawi left and Dr. Mhando, former Medical officer i.c. as well. The houses of both are now used for housing the new doctors and some nurses.

The two Dutch doctors are finding their way in the mores of the hospital and the way of working in Africa in collaboration with members of the management team. They are well supported by nurses in the ward and dr. Samson. There are also still nurse students from Hanzehogeschool Groningen and student doctors from AMC Amsterdam. Ideas are in development to bring in nurse students from Noorderpoort College Groningen as well. Again we mentioned our worries about the knowledge and experience of these students, their expectations of working in a rural hospital and the workload of the Tanzanian nurses in supporting them. Sr.Julieth is aware of these effects on the hospital.

D. Meetings with the groups related to the targets

1. Trainers

We had two meetings with the trainers group together with assistant Matron Consolatha and, at our request, the second time with Tutor Constancia.

We all regretted the loss of Blandina Nzota, one of the first Trainers, who died a week before our arrival.

The last 6 months the trainers were not very active. We concluded that the long absence of Eva Kisimbo (private matters) and her role as a leader was debet to the fact that no meetings had been organized and even the note book with the meeting reports was missing.

The fact that nobody else felt responsible was discussed. We agreed that it is the (assistant) Matron who organizes the meetings and takes care of the notebook.

There was no clear answer on how the guideline hand washing was introduced or what the effect is. The good news is that the supplies in the wards are sufficient which means that there is not too much delay before starting the wound procedures.

Anna, Lylia and Constancia finished the computer course. Problem is that the learned skills cannot be practiced due to the shortage of computers.

Constancia, being the Tutor now, was asked to be the new member of the Trainers team and she will make the connection between theory and practice.

The wound dressing set for practicing the nurses' skills is to be established by the School of Nursing. Not on every ward is a trainer nowadays.

In the second meeting we were very delighted that the Trainers introduced the 2016 target: *hygiene of the relatives in the wards and their responsibilities*.

We also agreed that ass. Matron Consolatha will organise the two monthly meetings and is responsible for the notebook. The new trainer will be Theresia Kato on Female Ward.

The trainers group 2015 includes:

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| ○ Eva Kisimbo | - Surgical Ward |
| ○ Judith Chuma | - Medical Ward |
| ○ Pascal Muyanga | - Children 1 |
| ○ Mariam Nambole | - Children 1 |
| ○ Hadija Mlangida | - Children 2 |
| ○ Theresia Kato | - Female Ward |
| ○ Lylia Mlang'a | - VTC |
| ○ Anna Kasasa | - Maternity, labour |
| ○ Cellina Maunde | - Maternity pre natal |
| ○ Namsifu Abel | - Maternity |

2. IPC- hand hygiene

Two meetings were held with members of the IPC group: dr. Joseph, Ass. Matron Consolatha, Pharmacist Siassa and Michael Basso (Theatre); Eva Kisimbo was on leave.

The new Guideline is introduced in every ward and the hand washing procedure is on the wall next to the basins as well.

We asked attention to the liquid soap in bottles, especially the fact that it looks too much diluted. The policy now is that only the ready-made soap from Pharmacy is used. There will be attention for this.

We also asked attention for some water taps and a bath not functioning well. There is a new problem: during the festivities of the opening of the Maternity Ward bottles with water and plants were put in the ward and, afterwards even spread to other wards. We pointed out what danger this water is in terms of being a source of bacteria. It is a difficult problem for the team: prohibiting means offending the one who introduced the plants. Our proposal to put the plants at least in soil and just outside the wards is taken into consideration.

The IPC group also came with a new proposal for 2016:

how to handle the problem of too many people walking in and out the theatre building during procedures.

3. Data registration of SSI.

Meeting with dr. Mashaka and dr. Joseph, members of the SSI group.

Dr. Mashaka came to the hospital for his meeting during his annual leave, dr. Samson reported being occupied too much by other business.

Present doctors for registration:

Skin graft	dr. Mashaka
Caesarean section	dr. Joseph
Neonatal sepsis	sr. Adelfine
Laparotomy	dr. Joachim
Inguinal hernia	dr. Mhando
Hydrocele	dr. Samson
Burns and nutrition	dr. Nasser

According to the report of our last visit:

Working with Excell is still a problem for the doctors we explained the advantages of this system over the paper work they have to do now. Our proposal to ask the two Dutch doctors Agnes and Ronald to give a course in how to use Excell was well received.

The registration forms as used are nowadays always available.

In answer on our request to register the acute and elective Caesarean Sections separately, dr. Joseph changed the forms and the new data is available from August.

Present Situation

Now that Dr. Lawi left and two new MO's arrived, dr. Mashaka will see if the new ones will be involved in SSI.

We discussed the period of August, September and October according to the results we received.

Dr. Nasser being away so long means that no registration is done for burns and nutrition.

One list of laparotomy was not filled in completely and was given back by us. The rest of the data will be ready before we leave for Holland.

We asked for an explanation about the low outcome of SSI in Caesarean section, about 1% while data from hospitals in Holland and Tanzania show a higher score. The

doctors agreed that Turiani is not a super hospital, but when a patient is missed they also fill in a 'no'.

In the coming files they will change the possible answers in 'yes', 'no' or 'missed' The doctors are worried about the transfer of the allowances. We spoke with sr. Julieth about the fact that the transferred money did not reach the doctors and she will take care of distributing the money.

We promised that, during our next visit we will show the outcome of the two different data in Caesarean section.

4. Survey bacteria and their resistance

Meeting with Mrisho and dr. Ronald. Dr. Joseph couldn't join, but was given the information afterwards. Dr. Ronald was asked to join.

In Total 150 swabs will be taken, basal line and wounds survey as already agreed upon the last visit. The doctors have to write a request form per swab and one special trained personnel of the lab will take the swaps. The request forms have to be filled in completely, so all the data will be available to the lab.

At the lab Mrisho will make a special notebook for all the result and regular meeting will take place to evaluate the process. The costs of the swaps have been gone up, but as agreed last time cost will remain 10.000 TSH per swab. Mrisho will arrange this with the management.

5. Evaluation and rewriting the Burn Admission Form

The already adjusted and printed Burn Admission Form was given to dr. Samson as a basis for discussions with the members of the BAF team: dr. Samson, Eva Kisimbo and dr. Evansia. Unfortunately after many efforts to organise meetings, by making phone calls etc. we did not succeed. On the last day of our stay I left the form and my email-address and a request to dr. Samson to contact me when he disagrees with the content. If not we will introduce the new form in November to meet the expectations of other workers.

E. Lectures, workshops and bedside training

The following workshops and lectures were given:

- Two workshop to the junior nurses, including one Medical officer, one trainer and the Dutch student nurses/ doctors, in total 17 participants. Subjects were: '*Infection Control\ Hygiene and the Basic Principles of Burn Care*'. All members received their certificate
- Lecture for all members after the morning report, more then 30 participants. Subject was wound care, infection and the use of antibiotics. The lecture was related to an actual patient case. After the lecture the new red so called burn maps were introduced and distributed over the wards. In the map relevant information about burns and all protocols are present.
- Lecture after morning report, more then 30 participants. Subject: '*Burn care as a multi disciplinary attitude and effort*'.

All lessons were presented with a Power Point, which is very helpful, and we enjoyed the active participation of the audience.

After the last lecture each participant left with a bag donated by the Martini Hospital.

We worked mostly with the nurses on wards where we were asked by nurses and doctors as well to assist in the care and treatment of difficult wounds. There were no patients with burn wounds but we saw a lot of different wounds: skin graft on a diabetic patient, other surgical wounds, an almost scalped head after an attack with bees, knife and spear wounds, seriously necrotic elbow tissue after wrong plaster treatment and others.

The cooperation with the nurses, nurse trainers and doctors went well; it is well noticeable that we have known each other for a long time by now. That means that we can learn from each other and accept each other differences.

We left a suitcase filled with goods like wound materials, theatre gowns and nurses uniforms, donated by different organizations in Holland.

And:

Beside the work there were other activities.

The former Administrator sr. Rose Tarimo CPS who stays now in the convent of Kibungu Chini invited us for the weekend. The travel and stay were wonderful with great hospitality from the Sister in a beautiful environment.

Two nurses also invited us for dinner at their home; it gave us the opportunity to meet the relatives as well. On the evening of Kings Day we had dinner with the Dutch students at their place. For this occasion we brought the traditional 'Oranje Bitter'.

The last evening was the moment to be together with the Mgolole Sisters in their Convent. It was an evening with speeches, presents for everybody and tasty food. Not even the very heavy rain could spoil the good spirit.

The special request of sr. Julieth to come back together with the feeling that the people are willing to invest in better care makes us believe that we cannot let them down. We therefore hope that the support of the Foundation Burns Turiani to Turiani Hospital will to be continued for many years.

Next visit.

The next visit is planned in November 2015 with the following provisional program:

- Evaluate the targets of 2015 and adjust where necessary
- Start with the new targets 2016
- Start with the implementation of the new Burn Admission Form
- Lectures related to the new Form
- Lectures and bedside training as requested
- Prepare the arrival of a container with supplies for the hospital
- Prepare the activities of a Reconstructive Surgeon during our visit in 2016