



Mongolian Emergency Service Hospital Hygiene Project

MeshHp.mn

Prof. Dr. W. Popp
HyKoMed GmbH, Lünen/Dortmund
Germany

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Report of the visit to Ulaanbaatar 23 February – 4 March, 2019

Participants:

Prof. Dr. Walter Popp, HyKoMed, Dortmund

This was the first visit in the new project (2018-2020) “**Primär- und Sekundärprävention sowie aufsuchende Prävention bei Hepatitis B/C und Tuberkulose in der Mongolei**“ („**Primary and secondary prevention as well as visiting prevention of hepatitis B/C and tuberculosis in Mongolia**“) funded by German Ministry of Health.

The project includes visits and interviews in different hospitals and health care units in Ulaabaatar as well as 4 aimag center hospitals and different soum hospitals. Detailed results of these will be given in a separate report, presumably in the first half of 2020.

So within this report we only mention important results and informations out of the project topics.

Hospitals

We had a 4 day trip to **Selenge aimag**.

There we visited **Selenge aimag center hospital** and had a talk with Dr Od, director of Health Center of aimag, Dr Selenge (director of infection department), Dr. Delgerzveg (director of tb department) and later also the director of hospital and three additional leading staff members.

The hospital has a new separate building for isolations which is rather well constructed with 2 bed rooms only and own showers and toilets in each room. Blankets and matrasses are disinfected in Russian disinfection chambers.

Unfortunately, the staff there is wearing (washable) textile masks for 14 days and always storing them in small textile bags.



This is completely unacceptable and posing a big risk of tb infection to staff because the masks will be contaminated inside and outside over time. There is no alternative to single use FFP2 masks!

We visited **Altanbulag soum hospital** and talked with director and staff responsible for hygiene.

The hospital is clean and well organized and the director could give a lot of informations. Unfortunately, we did not see hand disinfectants at the sinks and only textile towels.



So it is hard to understand how the hospital can get certification from MoH (as it got shortly before) if these long known basic standards are not fulfilled (WHO posters about hand hygiene hanging everywhere).

We visited **Schaamar soum hospital** and talked with statistician – as director was on training in aimag center.

We visited **Sukhbaatar district hospital** in UB and talked with director Dr Chimgee and Mrs Ulzi (translator).

There we visited the newly build operating theatre which is quite wet now after winter and walls full of yeasts because of insufficient isolations measures. Everything has to be renovated again.

We visited **Bayangol district hospital** and talked with director Dr Batjargal, the epidemiologist and a doctor. The hospital is in Health V project. But they made a mistake and did not correctly calculate the needed energy. So they now have to build up more energy supply.

As a **consequence from all institutions** we visited, it seems that

- hepatitis C and also B therapy has started financed by Health Insurance. This was really surprising and promising. It was said that therapy of hepatitis C is successful.
- We were told that in case of therapy, virus titers are determined in 20 certified labs. It is not clear whether there is a real quality control of the labs.

In 2 hospitals we saw **Health V project** (Selenge aimag center hospital, Bayangol district hospital) and the status was like that:

- Renovation was done. The architecture seemed to be as best as possible under given construction structures. Quality of renovation could be better. Example:



- All water cranes in sterilization unit are touchless. This does not make sense because they are more expensive, harder to care for (technics) and always contaminated inside with water bacteria (like pseudomonas and legionella).
- There were always 2 autoclaves and 1 plasma sterilizer, both still not working. It seems that everywhere is only 1 washer disinfector which should be not enough for 2 autoclaves.
- There are no new containers and instruments which we always recommended in the planning time of Health V. That means that the decades old containers (with holes to be closed after sterilization!) will be used longer and also the corroded instruments. So sooner or later they will have rust in the chambers of sterilisers and washer disinfectors.
- Also because of longer reprocessing times with washer disinfectors and shortage of instruments the claims of surgeons might increase and there might be pressure to go back to old methods like only manual reprocessing. We will see during next trips how it is going on.

Training and presentation

Prof. Walter had a **presentation about medical ethics** in Maternity hospital No 1, organized by Dr Purevdash. There were over 100 participants.



Dr Purevdash reported that he got 2 prices from City health department because of best medical performer Emergency Center 103.

Meetings

There was a **MeshHp meeting** with participation of nearly all directors who were in Germany end of 2018. There is a new director in Maternity hospital No 2.

There was a meeting with **Mrs Nyamsuren** (head of Mongolian nurses association) and secretary of association. She told that there are 3 main topics of Mongolian MoH for the next years:

- IPC.
- Emergency medicine.
- Medical ethics.

Social life

We had a visit to **Burchan Chaldun** – the mountain (sorry: women are not allowed there) near which Chinggis Khan was born and it is said that around the mountain he also was buried.

There was an evening in **Atlantis restaurant** as usual, with music from Uka and Lkhgvaа and dancing.

We visited Playing Love concert of **morin khur orchestra** finishing with Bohemian rhapsody from Queen.

On last Sunday, we were at **Eagle Festival** outside UB with a lot of Mongolian friends, also enjoying marmot:



Next steps

Next trips to Mongolia in 2019:

Time flight from Germany and back	Visit to	Participants
10 – 18 May 2019	Dornod Aimag	Walter Popp Adelheid Jones Kirsten Wegener-Haas
13 – 22 June 2019	Khovd Aimag	Walter Popp Heike Martiny Jan Kehrmann
6 – 14 September 2019	Süd-Gobi	Walter Popp Peter Renzel Heike Kamphusmann Adelheid Jones Christine Schoppe Prof. Simonis Jörg Spors

A **group of nurses** from **Mongolian nurses association** will come from 19 October until 26 October, 2019, including

- Mrs Nyamsuren,
- 3 nurses,
- Dr. Gantumur (translator).

A small **group of MeshHp nurses** will come to Germany **end of November**, 2019.

Topic will be mainly education of nurses, also with regard to hepatitis and tb.

Members will be

- each one nurse from Maternity hospitals No 1-3,
- one from Sukhbaatar district hospital
- one from Chingeltej district hospital,
- Dr. Gantumur for translation.

Another group is intended for **beginning of 2020**.

If the City of Essen is successful in implementing their **project in city cooperation** (Engagement global), it is welcomed from Mongolian side.

A **private trip** will be done in July 2020, organised by Dr Purevdash and Dr Gantumur, starting with Naadam, going to Kharkhorin, Erdene zuu, Arkhangai aimag and to the north. Prof Walter will organize the German participants.

Prof Walter, Jörg and others from Essen Fire Brigade and City Department are invited to **90 years anniversary of Emergency Center 103** on 20 October, 2020.



View to Russia from Selenge aimag border

Walter Popp, 22 March, 2019