



MeshHp e.V.
Mongolian Emergency Service
Hospital Hygiene Project

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

Report of the visit to Ulaanbaatar **23 June – 7 July, 2024**

Participants:

Walter Popp, HyKoMed, Dortmund
Anette Simonis, Charite, Berlin
Klaus Wiese, Johannis Hospital und DGSV, Dortmund
Adelheid Jones, DGSV, Köln
Heike Kamphusmann, St. Elisabeth Gruppe, Herne
Waltraud Malms-Fleschenberg, MVZ Dr. Eberhard & Partner, Dortmund
Marina Lorsch, Gesundheitsamt Recklinghausen

Course for link nurses

The primary aim of the visit was again the course for link nurses together with the Mongolian Nurses association (MNA).

First of all, we had a one day congress organised by them with different contributions from us. There were 120 listeners (not more because all state servants had to be engaged in the upcoming parliament election – see below).



Then we had a 3 day course, also only with contributions from German side.
In January, 2025, a 2 day course will follow where the nurses have to present their “homework” (presenting data of their hospital about hepatitis, MRSA and so on).



By the way: It is always nice to be in the Blood Center because everything is in good shape and very clean. Especially in toilets you can see that everything can be fine in Mongolia if the head of department is caring for hygienic conditions: Always clean, papertowels and fluid soap always available:







Hospital and Clinic Visits



Some of us had a visit to the **Central Military Hospital**. During our visit in October, 2023, we had seen the endoscopy unit and criticized very much the sinks for cleaning lined out with some aluminium blankets. Now the situation was completely changed and (especially) Adelheid Jones was very happy:

	<p>October 2023</p>
	<p>June 2024</p>

We were asked about different solutions for storing sterile instruments:

	<p>Filters are absolutely necessary!</p>
---	--

	<p>These filters are terrible and much over time.</p> <p>Filters must be used according to manufacturer's declaration (how often, how long).</p>
	<p>Fleece is not a filter for containers. But if you use it, you can only use it once. So you have to change it after each batch.</p>
	<p>At the moment, the cloth bags are washed once in a month and sterilised.</p> <p>Basically, they are not safe for sterile instruments. They can only be used if the sterile instruments inside are packed in a fleece or are paper foil packed. The bags must be washed after each use.</p>

	<p>This container cannot be used: no filter, no sealing ring.</p>
	<p>These containers are very oldfashioned. During sterilisation process the holes are open and you have to close them instantly after taking out of steriliser. At the end you cannot exclude that contaminated air will go inside because the air in it will cool down and suck in air from outside.</p> <p>If these containers are used only for transport (or sterilisation) of paper foil packed instruments you have to organise that always paper is opposite to paper and foil opposite to foil.</p>

After some years without contact, we had a visit to the **State Dental Center** and met with Head Dr Dolgormaa Damba and Deputy Dr Nomintsetseg Batbayar.

In the sterilisation unit the personal protection is not enough – no mask and no face shield, only gloves.

Cleaning is done with a wire brush which will damage the instruments for sure.

The drying cabinet is working at 200°C for 10 minutes:



This is much too hot and will damage instruments. Perhaps you can reduce the temperature to 100°C? Of course, it would last a little longer, but would be much better for the instruments. As alternative for the drying cabinet you can use lint-free cloths (eg [stericlin®](#) | [Stericlin® Hygienetücher](#)).

Meetings and social life

We had a meeting with the **Mongolian Dental Association** and its President Dr Uchral Tuvshinjargal.

We were in premiere performance of a 1.5 hour **cinema film** of Emergency Service 103:

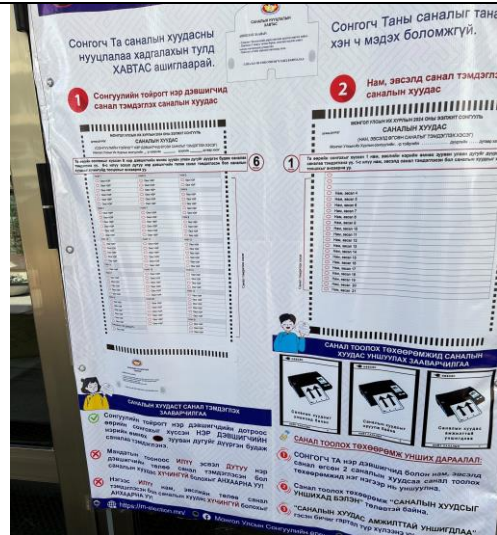


It is a love story between a female doctor and a male driver of 103 and we could understand everything despite it was in Mongolian language. Most of the actors are workers in 103 and, of course, we saw a lot of places we know very well. We were told that there are 36 of those pairs until now in 103.

On 28 June, there was **election for the national parliament (Great Khural)**. We visited 2 polling places, one of them in a ger district. Everything is very well organised and everywhere we saw observers of political parties. Basically voting machines are used: You fill in your decisions on the voting slip which is scanned by the machine. Voting is possible until 10 pm and 15-30 minutes later you have a lot of elected parliament members already in television. In the following days, the voting slips are counted also by hand.



Blue points on the nails show that you have voted.



Voting slip.

As always, we had a lot of **private contacts** with our Mongolian friends.

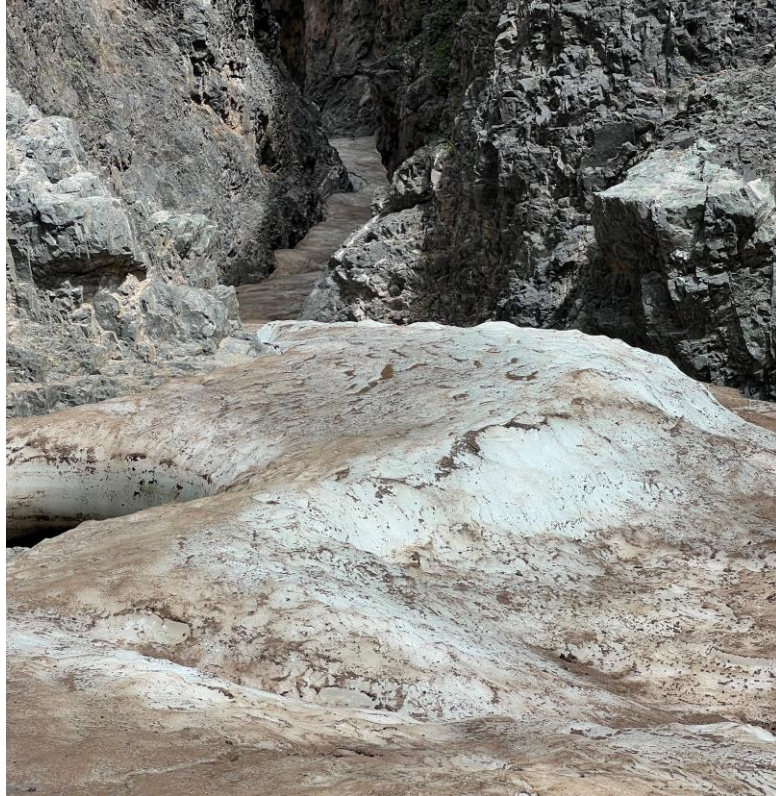
We had some **sightseeing in UB**, eg Zaisan and Gandan monastery:



Also we visited the Golf Resort in the east.

Finally, we spend some nice days in **Umnu gobi**.

It was the first time we saw vulture canyon completely filled with ice:



One night we spent outside:



Next steps

In October we (2 people) will go to UB and make a 3 day course about antibiotics therapy.

A Mongolian group was planned to come to Germany in the time before Christmas 2024. This trip is postponed to 2025 for the moment.

In January, 2025, we (2 people) will go to UB again and finish the MNA course and have 2 half day courses for reprocessing in dentistry.

In spring, 2025, a group from MNA might come to Germany.

In June, 2025, we will go to Mongolia again for the course with MNA – then in the western aimags, eg Zavkhan aimag.

Walter Popp, 6 August, 2024