NEO FOR NAMIBIA
HELPING BABIES SURVIVE



TEAM

- Thomas M. Berger, MD

A more detailed report can be downloaded from www.neo-for-namibia.org

MISSION REPORT 2026-3

SHORT VERSION

September 11 to October 1, 2026

Mission goals

- To evaluate the use of new equipment that had arrived in May 2026 (monitors, GE Panda® resuscitation units)
- To provide additional training for a POCT handheld ultrasound scanner (Clarius® C7)
- To make final arrangements for the introduction of the Vayu® bubbleCPAP device and the Vayu® blender system in Namibia
- To obtain VAT exemptions for Vayu® and VIA Global Health (MTTS, Vietnam) donations

NEO FOR NAMIBIA
HELPING BABIES SURVIVE

www.neo-for-namibia.org







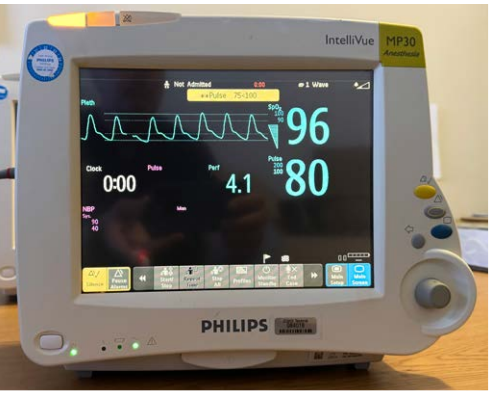
Hospitals visited

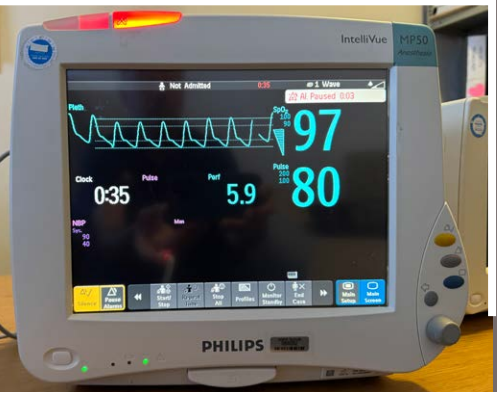
- Rundu Intermediate Hospital
- Katima State Hospital

Edelweiss now offers a direct flight from Zurich to Windhoek .



Isaak Boois in front of the car of NEO FOR NAMIBIA – Helping Babies Survive, fully loaded with donated goods.







Rundu Intermediate Hospital

The Prem Unit continues to function at a high level, but previously observed deficits have persisted. As pointed out in March and May 2026, establishing strong leadership and providing thorough training of new staff must become a priority.

Most of the donated small monitors that had arrived in a large container from Walvis Bay in the final days of Mission XXVI (May 29, 2026) had been deployed in the Prem Unit's Block A and B.

Philips IntelliVue® MP30 and MP50 monitors (left) have slightly different sizes but the same functionalities; wall mount for monitors (right) were ordered from Dellenich Medical Supplies Ltd.





Rundu had received two GE Panda® resuscitation units. Prof. Thomas M. Berger conducted several hands-on training sessions with nurses and doctors from the Prem Unit to explain the features of the warmer in detail.

With the help of Isaak Boois, an instruction video was recorded to facilitate training of additional doctors and nurses.

The GE Panda® warmer in the admission bay of the Prem Unit was repositioned to facilitate access from three sides (left: before, right: after).

This baby was born via vaginal delivery at Nankudu District Hospital (110km from Rundu) with a birthweight of 620g . Apgar scores were 1 and 4 at 5 and 10 minutes, respectively. When the baby did not die as expected, it was transferred on nasal cannula oxygen to Rundu Intermediate Hospital.

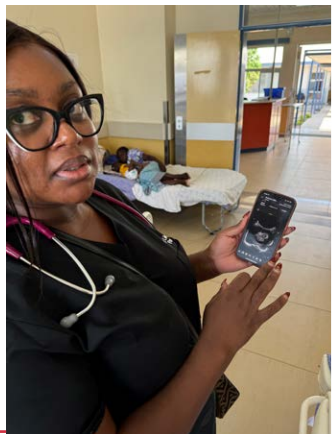


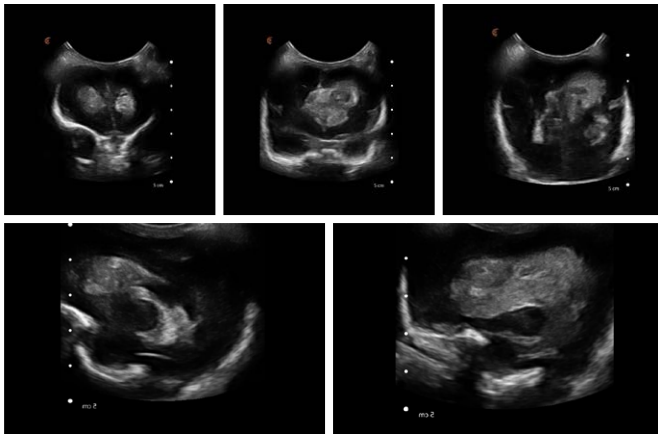
Incubator care of an ELBW infant (Rundu)

1. UVC
2. Temperature sensor
3. Pulse oximeter sensor
4. NG tube
5. CPAP prongs
6. Eye protection

ELBW infant with a birthweight of 620 g nursed in an incubator at Rundu Intermediate Hospital.

On day of life three, a POCT cerebral ultrasound examination performed with the Clarius® C7 scanner donated by NEO FOR NAMIBIA – helping Babies Survive revealed bilateral grade III-IV hemorrhages. The baby died the same day.





Cerebral US examination (ELBW infant, birthweight of 620g) revealing extensive intraventricular-periventricular hemorrhages (PIVH III-IV).

Katima State Hospital

Once again, the mission team was impressed: the Neonatal Unit at Katima State Hospital was well organized and has reached and maintained a high standard of neonatal care.

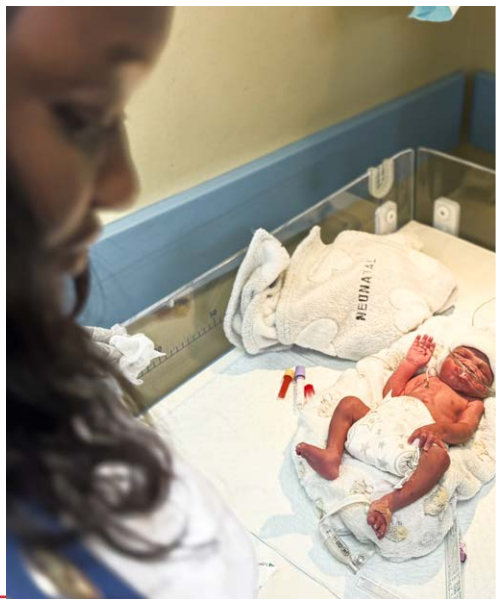
To a large part, this is due to the commitment of two Cuban doctors: Dr. Yurisleydi Valdes, neonatologist, and her husband, Manolo Berbe, obstetrician and gynecologist. Their work is truly outstanding.





Despite being busy, the Neonatal Unit at Katima State Hospital is well organized and clean.

During their short stay in Katima (four days), the mission team was able to abstract statistical data, to provide GE Panda® training to groups of doctors and nurses from the Neonatal Unit and the Labor Ward, and to briefly demonstrate the Clarius® POCT US scanner.

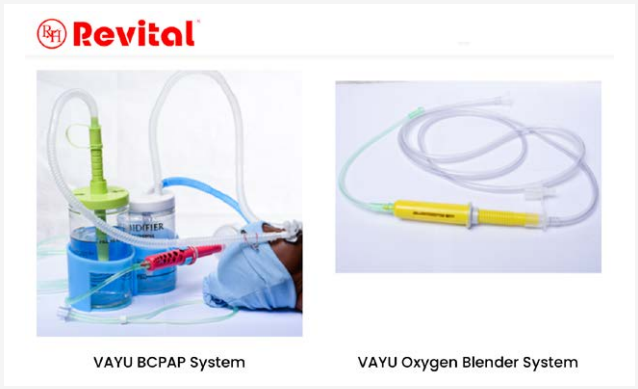




Skillful of a preterm baby (left); the next day, the baby istabilizations still on a n MTTS Dolphin® bCPAP but stable in room air with appropriate SpO2 alarm settings (right).







VAYU BCPAP System

VAYU Oxygen Blender System



Vayu® bCPAP project delayed

NEO FOR NAMIBIA – Helping Babies Survive had received permission to introduce the Vayu® bubbleCPAP and air-oxygen blender systems to Namibia earlier this year and has since ordered:

- 25 Vayu® bCPAP systems with consumables
- 25 Vayu® bCPAP accessory packs
- 25 Vayu® OBS (oxygen blender systems)
- 50 Vayu® OBS (oxygen blender systems) accessory packs

The Vayu® bCPAP and oxygen blender systems were developed by Vayu® Global Health Innovations (Boston, USA) and are manufactured by Revital Healthcare Ltd. in Kenya.





A boy playing at the roadside with his wonderfully detailed wire toy car.

Impressions from the 27th mission

To conclude this report, some images of people the team encountered on their mission will illustrate aspects daily life in Namibia.





Children at the Hamutenya sisters' place doing their homework (left); nearby, an old woman (reportedly 80 years old) sitting in front of her hut.

Donate and help babies survive

neo-for-namibia.org/donate

TWINT or Luzerner Kantonalbank
Postfach, 6002 Luzern, Switzerland
BIC/SWIFT LUKBCH2260A
IBAN CH75 0077 8206 2817 2200 1

DESIGN mesch.ch