2022 Milestones

Sanaa Mulay, Communications Youth Lead, PALAV

In January, PALAV organized heart surgery for a child of Indian origin who was sent to India from the Barbados Islands.

PALAV conducted a basic neonatal resuscitation program, Helping Babies Breathe, at AIIMS Nagpur in February of 2022. PALAV provided mannequins for this training that further enabled the local team to train a significant number of resident and nursing staff. In March, we expanded Helping Babies Breathe to Miraj and Jodhpur.



In July, we provided therapeutic hypothermia kits to 3 hospitals in Chhattisgarh and even to 1 in Ethiopia. In November, we implemented these kits and training in the Caribbean. The next implementation of these materials is projected to be in Haiti and Guatemala.

In August, PALAV collaborated with Shashwat and provided equipment for measuring hemoglobin for pregnant women in the tribal area of Bhimashankar.

In September, we collaborated with MIT Biomedical Engineering for the innovation of new life saving medical equipment and improving training of students through practical projects.

We also donated nitric oxide equipment to the KEM hospital in Pune, Maharashtra. Nitric oxide equipment opens up the lungs of babies that cannot be treated with the ventilator alone.

In November, PALAV supported hospitals in Antigua by set up breathing support and developmental care for babies in the delivery room, high-frequency ventilators for sick newborns, humidity for preterm newborns, and trained with mock codes.

This year, PALAV collaborated with Rotary for 2 major projects.

1. Kinwat Project (Total cost: $50,000, PALAV contribution: $5,000)

We provided 10 bedded NICUs (Neonatal Intensive Care Units) with partnerships from Detroit, Novi, and Nanded Rotary.

2. Ratnagiri Medical College NICU

Currently pending approval, we partnered with Novi Rotary and Goa Rotary for this project. Thank you to Mr. Kishen Kavikondala and Dr. Ila Shah for leading this project.

A Special Thanks To:

2 Northville High School seniors, Saket Kulkarni and Ayush Garg, created web apps to train people on how to care for babies with jaundice, birth asphyxia, and sepsis(www.palav.org/education) for PALAV and updated the PALAV website.

Mr. Piyush Karkare and Mr. Arun Karkare created the rapid incubator for neonatal transport, which is now ready for testing in animal models.

Thank you to Pracheeta Chordia for creating a portfolio for Team PALAV!

Thank you to Madhukar Ghatpande for leading the tribal area project in Bhimashankar with the Shashwat nonprofit.