

Rotaplast International

Saving smiles, changing lives.



Changing Lives Through Reconstructive Surgery

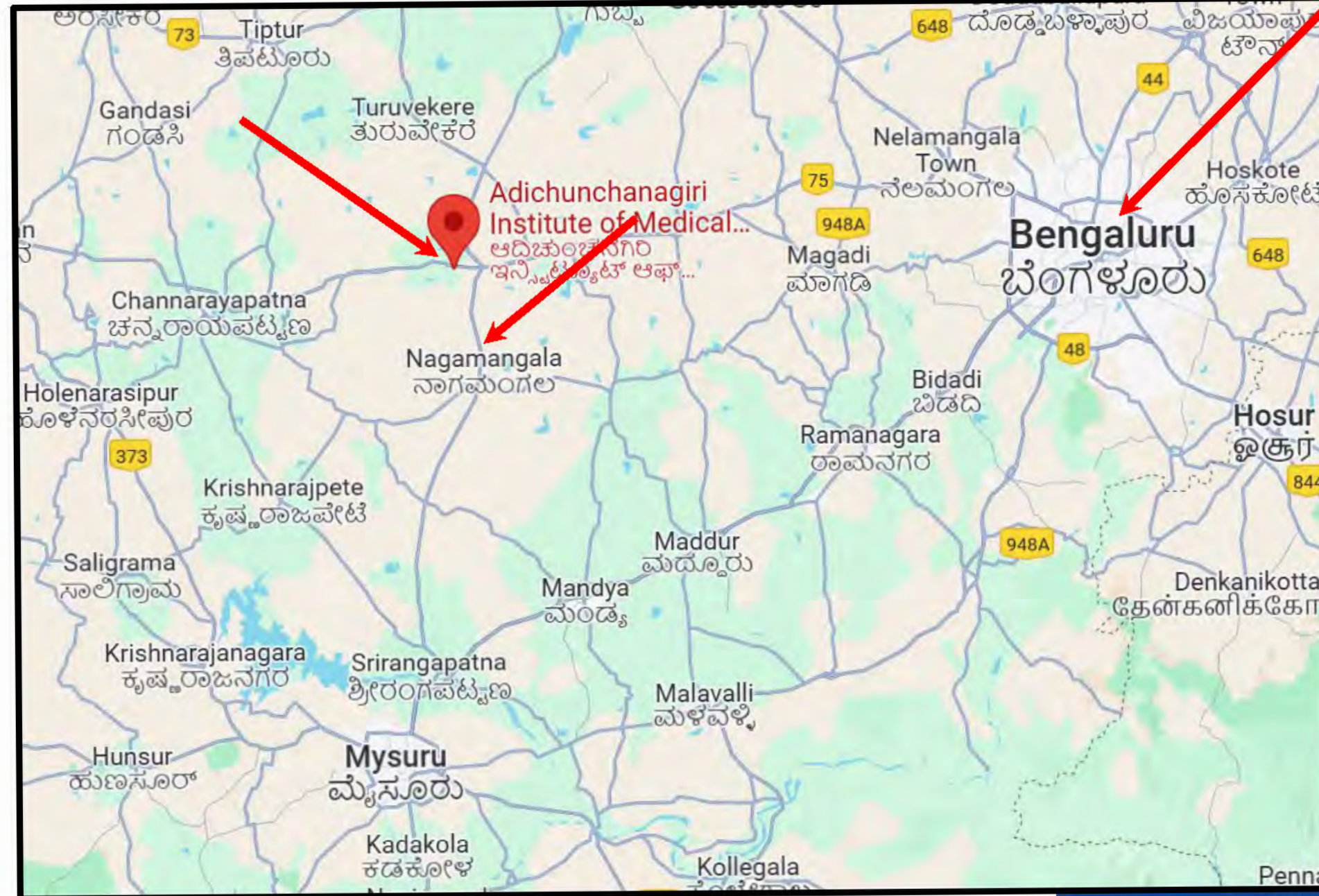
Nagamangala, India 2024



Nagamangala, India 2024



Nagamangala, India 2024



About Rotaplast International

Rotaplast International, Inc.
improves lives worldwide by
addressing **cleft lip/palate, burn
scarring, and other deformities.**

We assemble medical volunteer
teams to align with local patient &
health system needs.



About Rotaplast International

Since 1993, Rotaplast, a 501(c)(3) nonprofit founded by the Rotary Club of San Francisco #2, has conducted over **600 surgical and educational camps** in **26 countries**, serving **more than 21,000 patients**.



Cleft Lip and Palate: What is the Global Incidence?

- **235,000** children with clefts are born each year.
- **One in 700** children is born with a cleft lip or palate, or both.
- **7,500** children with clefts are born each year in the USA.



What is a Cleft?

A cleft is an opening or gap of the lip or roof of the mouth which normally comes together during the early weeks of pregnancy.



Known Causes of Cleft Lips and Palates

- Genetic predisposition
- Diet
- Lifestyle
- Lack of adequate vitamins
- Smoking while pregnant
- Pollution



Life Compromising Affects

- Abnormal appearance
- Inability to speak with clarity
- Difficulty swallowing food
- Predisposition to upper-respiratory problems
- Hearing loss
- Dental problems
- Social stigma



Burn Contracture: What is the Global Incidence?

- Each year **over 8 million** people are hospitalized for burns globally.
- Of those between **1.4 – 4.3 million people sustain burn scar contractures (18-54%)**
- **Women** have higher rates of burn scar contracture and most cases are in **lower – middle income countries.**



What is a Burn Scar Contracture?

A serious complication that occurs when a burn scar thickens, tightens, and matures, preventing movement in the injured area.



The Rotaplast Approach

- **Free multidisciplinary care** for conditions requiring reconstructive plastic surgery.
- **Customized teams of volunteers**, maximizing care minimize cost.
- Rotaplast initiates **multi-year surgical and education programs** to support the development and maintenance of local care.



A Child's Life is Changed Forever with a Few Hours of Surgery



A Child's Life is Changed Forever with a Few Hours of Surgery



An Adult's Life is Changed Forever with a Few Hours of Surgery



Multiple Surgeries and a Magnificent Outcome



A Rotaplast Trip From Start to Finish

Nagamangala,
India 2024

Rotaplast  Saving Smiles
Changing Lives



Bangalore-Nagmangala Site History

- **11th surgical collaboration** with the Rotary Club of Bangalore North and **10th surgical collaboration** with AIMS Hospital since 2006.
- Over **900 patients received free** surgery since 2006.



The Rotaplast Mission

- **Site Selection:** A 12-months of site preparation and planning.
- **Sponsorship:** Rotary Clubs/Districts fundraise to send members as non-medical volunteers (global grants).
- **Supplies & Equipment:** Mission participants accompany medical supplies and surgical equipment to each mission site.
- **Logistical Support:** Local Rotary Club volunteers support missions through patient recruitment, local travel arrangements, ground transportation, hospitality, visas and customs.



2024 Planning and Logistics

- **Dates:** December 1 – 13, 2024
- **Local Partners:** Rotary Club of Bangalore North and AIMS Hospital
- **Sponsors:** Our Lady Fatima Villa Foundation
- **Clinic Size:** Three Operating Rooms, Seven Surgery Days, and 27 Volunteers
- **Luggage:** 33 Boxes of Medical Equipment and Supplies



Volunteers

17 Medical Volunteers, including:

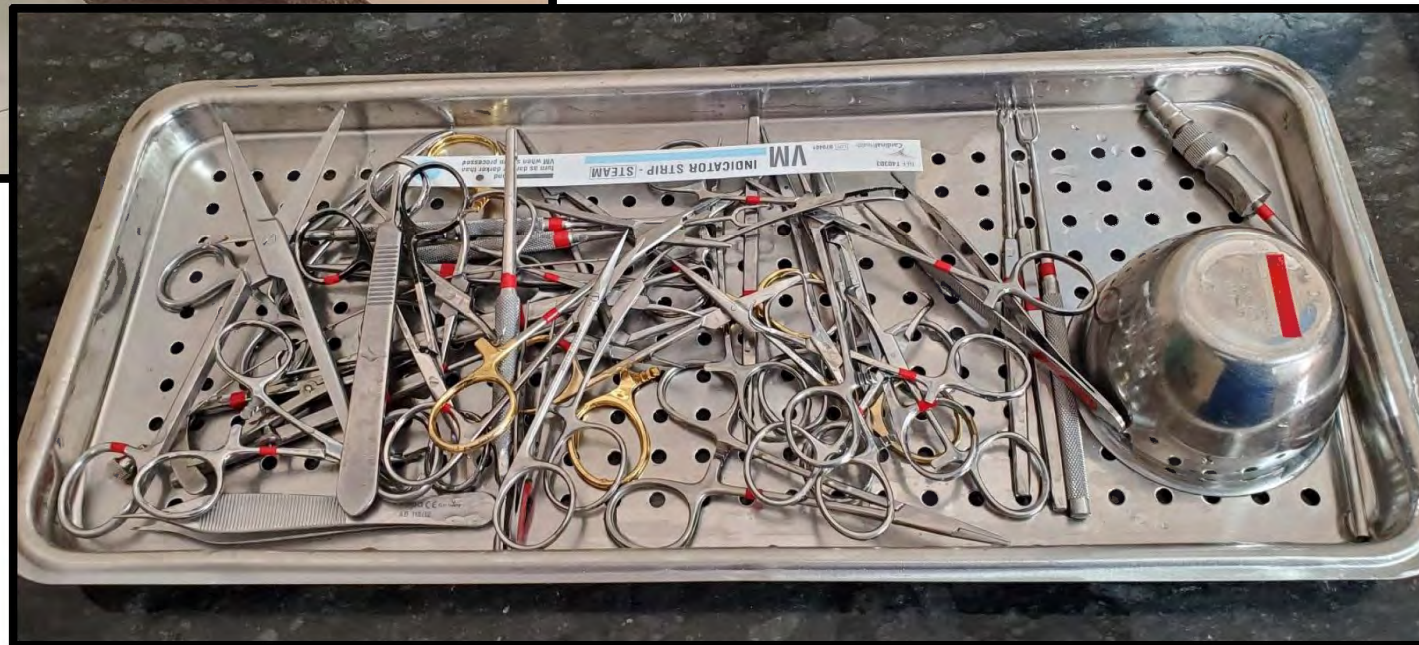
- 4 Reconstructive Plastic Surgeons
- 2 Family Practice Physicians
- 4 Anesthesiologists
- 3 Operating Room Nurses
- 2 Post Anesthesia Care Unit Nurses
- 1 Covid Safety Officer
- 1 Burn Physical Therapist

10 Non-Medical Rotarian Volunteers

- Mission director, medical records, historian, PACU assistant, quartermaster, recreation therapist, sterilizer, ward coordinator, interpreters
- 7 Rotarians from District 5180



My Responsibilities



Clinic Outcomes

80 patients attended pre-clinic and received a check-up by a nurse, pediatrician, surgeon, anesthesiologist, and burn physical therapist.

Surgical Outcomes:

- **49** patients received surgery
- **68** surgical procedures were performed including:
 - Burns: 28
 - Lips: 17
 - Hands: 2
 - Palates: 5
 - Noses: 14
 - Misc: 2



Global Scholars Program

We provided clinical shadowing and lectures to local plastic surgery, anesthesiology, ENT and pediatric residents.

- 28 Students registered for the Global Scholar Program
 - 54% of the students were female
 - 61% were in their second year of specialization
 - 61% were anesthesia residents



Estimated Value of 2024 Nagamangla Clinic

Total Value of Professional Services: **US \$397,180**

- Surgical: U.S. \$214,425
- Anesthesia: U.S. \$46,098
- Pediatric Surgery Cases: U.S. \$61,800
- Pediatric Clinic Exam Only: U.S. \$48,000
- Nursing: U.S. \$24,441
- Burn Therapy: U.S. \$2,417



Learn More and Get Involved!

Sponsor (partial/full):

Join the trip in person & bring your club.

Non-medical volunteer slots are allocated to sponsors.

*Scan the QR code to **learn** about joining in person*



Volunteer:

We are actively recruiting medical volunteers.

*Scan the QR Code to **apply**.*



Support:

We aim to provide 70-90 patients with free surgeries.

Help cover costs of consumables required for a surgery.

- \$46 will cover 10 endotracheal tubes (234 required per trip)
- \$189 will cover a box of sutures (123 required per trip)
- \$460 will cover 100 endotracheal tubes (<50% of need)
- \$2,000 will cover 10 boxes of sutures (<10% of need)
- \$5,000 will cover sterile supplies for ten surgical patients

All contributions are tax deductible



Rotaplast
International
Saving smiles, changing lives.

THANK YOU!



Thank you for supporting the Rotaplast International 2024 surgical trip to Nagamangala, India. Your support and partnership played a key role in the success of the trip, and your contribution makes it possible for us to continue providing free surgical care to our patients in the greater Bangalore region.