

Mission Trip: Feb 21 – Feb 27, 2024, Ahmedabad, India

Overall Goal: To provide surgical treatment for neglected and/or complex orthopaedic deformities in children in India

Specific Aim: To provide comprehensive free surgical treatment for spinal deformities, upper and lower extremity deformities to children in Ahmedabad, India in Feb 2024

Past Experience: Performed complex spine and upper extremity procedures during annual mission trips to Ahmedabad, India from 2013-2023. Report of the first trip in 2013 can be accessed through the following link: <http://cincinnatichildrensblog.org/safety-and-prevention/volunteerism/mission-trip-to-india-helps-children-with-severe-scoliosis/#more>

Target Patients: Children with limited access to medical care due to neglect, access or cost issues

Venue

- 1) Health and Care Foundation (HCF), Ahmedabad (www.poliofoundation.org) for upper and lower extremity deformity correction surgeries
- 2) GCS Hospital, Naroda, Ahmedabad (www.gcsmc.org) - for spinal deformity correction surgeries

Team (Stayed at Radisson Blu Hotel): 20 members

Shital Parikh, MD	Pediatric Orthopaedic Surgery
Katherine Schroeder, MD	Pediatric Orthopaedic Surgery
Karen Myung, MD	Pediatric Orthopaedic Surgery (Spine)
Viral Jain, MD	Pediatric Orthopaedic Surgery (Spine)
Kevin Little, MD	Pediatric Orthopaedic Surgery (Hand)
Andrea Chan, MD	Pediatric Orthopaedic Surgery (Hand)
Daniel Bachman, MD	Pediatric Orthopaedic Surgery (Spine)
Dr Taral Nagda	Pediatric Orthopaedic Surgery (Mumbai)
Kirti Sahu, MD	Anesthesia
Sheaba Varghese, MD	Anesthesia
Karmella Franic-Everhart, CRNA	Anesthesia
Sean Barclay, CRNA	Anesthesia
David Segal, MD	Pediatric Orthopaedic Fellow
Jourdan Gard, DO	Hand Fellow
Dattesh Dave, DO	Plastic Surgery
Tiffany Frye	Neuromonitoring
Lindsay Schaiper	Neuromonitoring
Vanessa Rodriguez	Neuromonitoring
Lori Delaney, OT	Occupational Therapy
Tim Reuter	Medtronics

Brief Summary of Trip

The surgical team travelled to Ahmedabad, India and examined patients on Feb 21.

206 patients were evaluated and surgical patients were shortlisted.

74 upper and lower extremity surgeries in 59 patients were performed at Health and Care Foundation.

6 Spine deformity corrective surgeries were performed at GCS Hospital.

Total: 80 surgeries were performed

The local team of physicians in India helped with camps, patient screening and with postoperative care of patients.

The US team experienced glimpses of Indian culture, food, shopping and local sightseeing during the trip

CME Activity

A local CME educational event was organized by Dr Kamlesh Devmurari on Feb 24. The event was supported by Ahmedabad Orthopaedic Society. Case based discussions and didactic lectures were presented by team members. The event was held at HCF auditorium and live streamed on various platforms.

Special Thanks

1. **Medtronic** – Implant Donation for spine surgeries
2. **Allosource** – Bone graft (Allograft) Donation for surgical procedures
3. **American Society for Surgery of Hand (ASSH)** – Sponsored Hand Team through Touching Hands grant
4. **Evokes Inc** – provided neuromonitoring supplies, software, personnel
5. **Sarras Foundation** – Non-profit US-based organization dedicated to child health in India

Partners in India

1. Dr Bharat Bhagat – Director, Health and Care Foundation
2. Dr Jyotish Patel – Head of Spine Unit, GCS Hospital
3. Dr Sahu – Staff Orthopaedic Surgeon, Health and Care Foundation
4. Local Anesthesiologists – at Health and Care Foundation and GCS Hospital
5. Dr Kamlesh Devmurari – Pediatric Orthopaedic Surgeon, Ahmedabad
6. Dr Pankaj Raval, Dr Prakash Bhatt and Mr Banerjee – Health and Care Foundation

Acknowledgment

Residents and fellows, practicing orthopaedic surgeons who referred patients, OR team, medical officers and nurses at the hospital, administrative staff