

Mission Trip: Feb 2 – Feb 9, 2023, Ahmedabad, India

Overall Goal: To provide surgical treatment for neglected and/or complex orthopaedic deformities in children in India over 10 years (2013 – 2023)

Specific Aim: To provide comprehensive free surgical treatment for spinal deformities, upper and lower extremity deformities to children in Ahmedabad, India in Feb 2023

Past Experience: Performed complex spine and upper extremity procedures during annual mission trips to Ahmedabad, India from 2013-2019. 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 / adolescents with limited access to medical care due to neglect 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
Jim McCarthy, MD	Pediatric Orthopaedic Surgery
Peter Sturm, MD	Pediatric Orthopaedic Surgery (Spine)
Viral Jain, MD	Pediatric Orthopaedic Surgery (Spine)
Kevin Little, MD	Pediatric Orthopaedic Surgery (Hand)
Gilbert Chan, MD	Pediatric Orthopaedic Surgeon
Andrea Chan, MD	Pediatric Orthopaedic Surgery (Hand)
Daniel Bachman, MD	Pediatric Orthopaedic Surgery (Spine)
Vidya Chidambaran, MD	Anesthesia
Bernard TerreBlanche, MD	Anesthesia
Karmella Franic-Everhart, CRNA	Anesthesia
Kim Beutel, CRNA	Anesthesia
Marcus Shelby, MD	Pediatric Orthopaedic Fellow
Ali Asma, MD	Pediatric Orthopaedic Fellow
Aaron Roberts, MD	Hand Fellow
Brian Starr, MD	Hand Fellow
Lindsay Schaiper	Neuromonitoring
Megan Kloc	Neuromonitoring
Lori Delaney, OT	Occupational Therapy
Tim Reuter	Medtronics Rep

Brief Summary of Trip

The surgical team travelled to Ahmedabad, India and examined patients on Feb 2.

146 patients were evaluated and surgical patients were shortlisted.

48 upper and lower extremity surgeries were performed at Health and Care Foundation.

6 Spine deformity corrective surgeries were performed at GCS Hospital.

Total: 54 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

Special Thanks

1. **Medtronics** – 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** - NGO related to healthcare 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. Chandu and Danny – Surgery tech at HCF
6. Drs Kamlesh Devmurari, Maulin Shah, Premal Naik – Pediatric Orthopaedic Surgeons, Ahmedabad
7. Drs Kalpan Desai, Pankaj Raval – Health and Care Foundation

Acknowledgment

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