

Dr. Samarth Ajay Thakkar

Qualification: M.B.B.S, M.S. Orthopedics

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EDUCATION

Fellowship in Diabetic foot surgery, under the mentorship of Dr. Arun Bal, Raheja Hospital Mahim

1st July to 31st July 2025 (1 month)

Observing fellowship, Department of Foot and Ankle Surgery, under the mentorship of Dr. Bruce Sangeorzan, University of Washington, Seattle, US

24th March – 9th April 2025 (3 weeks)

Observing fellowship, Department of Foot and Ankle Surgery, under the mentorship of Dr. Cesar de Cesar Netto and Dr Mark Easley, Duke University, Durham, North Carolina, US

17th February – 15th March 2025 (4 weeks)

Observing fellowship, Department of Foot and Ankle Surgery, under the mentorship of Dr. Anish Kadakia, Northwestern University, Chicago, US

3rd February – 16th February 2025 (2 weeks)

Clinical Fellowship, Department of Foot and Ankle Surgery, under the mentorship of Dr. Rajiv Shah, Gujarat

January 2024 – December 2024 (1 year)

Observing fellowship, Department of Foot and Ankle Surgery, under the mentorship of Dr. Rajiv Shah, Sunshine Global Hospitals, Gujarat

15th October – 10th November 2023 (1 month)

Observing fellowship, Department of Arthroscopy and sports medicine, Tejasvini hospital, Mangalore, Karnataka

2nd to 7th October 2023

Observing fellowship, Department of Hand, Plastic and Reconstructive Surgery, Ganga Hospital, Coimbatore

7th August – 9th September 2023

Senior residency, Dr. R.N. Cooper Hospital and H.B.T. Medical College, Mumbai

1st August 2021 – 31st January 2023

M.S. Orthopedics at Kasturba Medical College, Manipal Academy of Higher Education, Mangalore, Karnataka (Gold medallist)

May 2018 - April 2021

M.B.B.S. at Seth G.S. Medical College and KEM hospital, Mumbai

Aug 2012 - April 2018

COURSES AND WORKSHOPS

- MIS - minimally invasive surgery Foot and Ankle cadaveric course January 2026, Arthrolab MS Ramaiah College Bangalore
- BOS Basic Ilizarov course - January 2026, Mangal Anand Hospital Chembur
- Steps 2 walk foot and ankle advanced deformity correction course, by Dr. Mark Myerson, Chennai, October 2024
- BOFAS (British Orthopedic foot and ankle society) course 2024, Delhi, June 2024
- MIS foot and ankle course, Bangalore, March, 2024
- Arthrex Lab foot and ankle cadaveric course, Bangalore, February 2024
- Microsurgery course, Ganga Hospital, August 2023
- AO Basic principles of Fracture Management, Varanasi April 2023
- BOS Basic arthroplasty and cadaveric workshop, March 2023
- BOS (Bombay ortho society) course on Foot and Ankle surgery, 2022
- BOS (Bombay ortho society) course on Hand surgery, 2022
- Ilizarov Workshop at the 44th State Conference of Karnataka Orthopedic Association. February 2020
- AO Pre-Basic principles of Fracture Management, Mangalore. September-2019
- IGICH Bangalore (Indira Gandhi Institute of Child health) course of CTEV, 2019
- IGICH Bangalore (Indira Gandhi Institute of Child health) course of Cerebral Palsy, 2019

PRESENTATIONS

- Surgical Approach for Lisfranc injuries : MFAC 2026, Taj Bandra, Mumbai
- Irreducible medial peritalar dislocation with Sander's 4 calcaneus fracture : complex case GFAS, Feb-March 2026, Goa
- Complex ankle malunion - Indo US Foot and Ankle meet, 8th January 2026, Bangalore
- Workshop on orthotics in foot and ankle, at WIROC December 2025
- "Varus ankle stress fracture in diabetic neuropathy" case presentation at BOS clinical meet December 2025
- "Periprosthetic tibial stress fracture" case presentation at BOS clinical meet October 2025
- Faculty at BOS - Live foot ankle surgery seminar on 14th September 2025
- Faculty participation and case presentation at IFASCON Patna 2025

- Faculty participation and case presentation on midfoot malunion at Nepal Foot and ankle conference 2024 September
- Presented paper on “Comparison of acromial morphology in degenerative and traumatic rotator cuff tears” at Canara Orthopedic Society Conference (COSCON) 2020
- Presented poster on “Turret’s exostosis of talus” at Karnataka Orthopedic Association Conference (KOACON) 2019

ATLS (Advanced trauma life support)

- Instructor at ATLS, Skills Lab MGM medical college and Hospital, Kamothe, Navi Mumbai, June 2025
- Instructor at ATLS, Skills Lab MGM medical college and Hospital, Kamothe, Navi Mumbai, January 2025
- ATLS instructor training course, RML hospital and college, Delhi, November 2023
- ATLS provider course, Mumbai in 2023 April

PUBLICATIONS

1. Hegde, A. S., Shetty, C. B., Joseph, N., Mane, P., & **Thakkar, S.** (2023). Preoperative estimation of humerus intramedullary nail length using clinical landmarks. *Chinese journal of traumatology = Zhonghua chuang shang za zhi*, S1008-1275(23)00049-4. Advance online publication. <https://doi.org/10.1016/j.cjtee.2023.06.001>
2. Hegde, A., Mane, P. P., Shetty, C. B., & **Thakkar, S. A.** (2022). Neurogenic heterotopic ossifications of hips in a case of expanded dengue syndrome following critical illness polyneuropathy. *BMJ case reports*, 15(3), e246186. <https://doi.org/10.1136/bcr-2021-246186>
3. Hegde, A. S., Mane, P. P., Shetty, C. B., & **Thakkar, S. A.** (2021). "Screw First" Technique to Get Past Nail-Jig Mismatch in Proximal Femoral Nailing. *Indian journal of orthopaedics*, 56(4), 699–704. <https://doi.org/10.1007/s43465-021-00552-w>
4. Goel, S., Kamath, S. U., Annappa, R., Krishnamurthy, S. L., Jain, M., **Thakkar, S.**, Damsas, L., Banerjee, S., & Divakar, P. M. (2021). Cross-sectional assessment of cardiovascular risk factors in patients with knee osteoarthritis. *F1000Research*, 10, 508. <https://doi.org/10.12688/f1000research.27744.2> Complete sequestration of patella
5. **Thakkar, S.**, Rao, S., Hegde, A., Mane, P., Khanna, V., & Shetty, C. (2021). Comparison of scapular morphology in degenerative and traumatic rotator cuff tears. *Journal of Musculoskeletal Research*, 25(01). <https://doi.org/10.1142/s0218957722500026>
6. Agrawal, S., Hegde, A. S., Rao, B. S., Mane, P. P., Shetty, C. B., Khanna, V., **Thakkar, S.**, Divakar, P. M., & Nigam, A. (2023). Peroneus longus tendon autograft for primary arthroscopic reconstruction of the Anterior Cruciate Ligament. *Muscle Ligaments and Tendons Journal*, 13(02), 252. <https://doi.org/10.32098/mltj.02.2023.08>
7. **Thakkar, S.**, Hegde, A., Mane, P., Shetty, C., & Tripathi, A. (2023). A rare case of complete sequestration of the patella: An unusual presentation of patellar tuberculosis. *Infectious Diseases in Clinical Practice*, 31(4). <https://doi.org/10.1097/ipc.0000000000001265>

Total articles published	Articles in international journals	1 st author or Corresponding author	Articles in Scopus indexed journals	Articles in PubMed indexed journals
7	6	5	7	4

BOOK AUTHORSHIP

Author of book “**Manual for Practical Exam Preparation**”, published in 2017 which caters to subjects of medicine, surgery, and paediatrics for undergraduate MBBS students. The book has been well received across India and currently awaiting launch of 2nd edition

HUMANITARIAN PROJECTS

Volunteered in foot and ankle deformity correction camp, with Dr Ernst Orthner, at Chennai, August 2024

AWARDS AND ACHIEVEMENTS

- **Best case presentation** - Young guns - “Irreducible medial peritalar dislocation with Sander’s 4 calcaneus fracture” - GFAS 2026, Goa
- **Masalawala best paper award, at WIROC 2025**, for “Outcomes of total talus replacement with custom 3D printed metallic prosthesis”
- Awarded as the **best delegate of BOFAS** - IFAS conference Delhi June 2024
- Awarded the prestigious COS (Canara Orthopedic Society) Observership in hand surgery at Ganga hospital in 2023
- Awarded **Instructor potential** after successfully completing ATLS (Advanced Trauma Life Support) course in 2023
- Awarded university **gold medal and best outgoing student** by Manipal university, 2021
- 2nd place in **state** level quiz at 44th Karnataka Orthopedic association conference, 2020
- 2nd prize in regional quiz at Canara Orthopedic society conference, 2020
- 2nd place in **state** level quiz at 43rd Karnataka Orthopedic association conference, 2019
- 2nd prize in regional quiz at Canara Orthopedic society conference, 2019
- **15th rank in state** at the entrance exam for MBBS

AREAS OF INTEREST

- PCFD (joint salvage flat foot reconstruction)
- Applications of weight bearing CT
- Complex deformity correction of foot and ankle
- Diabetic foot
- Minimally invasive surgery in foot and ankle
- Ankle replacement and Total talus replacement

REFERENCES

Dr. Rajiv S. Shah, Orthopedic Foot and Ankle surgeon, Sunshine Global Hospitals, Gujarat, India.

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Dr. Atmananda S. Hegde, Professor and Head of Department of Orthopaedics, KMC
Mangalore College and Hospital, India
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Dr. Surendra U. Kamath, Professor and ex-Head of Department of Orthopaedics, KMC
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Dr. Ganesh R. Yeotiwad, Professor and Unit head, Department of Orthopaedics, Dr.
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