

Dr. Rajiv Malhotra

MS (Orthopaedics), Fellowship in Arthroplasty & Sports Surgery

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PROFILE

Orthopaedic surgeon specialising in knee and hip replacement and arthroscopic sports surgery, with 2,500+ joint replacements. Early adopter of robot-assisted knee surgery in the region.

EDUCATION

2014 – 2015	Fellowship, Arthroplasty and Sports Surgery <i>Alpine Joint Institute (overseas)</i>
2009 – 2012	MS, Orthopaedics <i>Shivalik Postgraduate Institute of Medical Sciences</i>
2003 – 2008	MBBS <i>Government Medical College, Patiala Plains</i>

SURGICAL APPOINTMENTS

2019 – Present	Director, Joint Replacement & Sports Injury <i>Tricity Superspeciality Hospital, Chandigarh</i> - Lead a team of 4 surgeons; 450 joint replacements a year with a 0.6% infection rate (sample data). - Set up the region's first robot-assisted knee programme. - Run a sports-injury clinic for state athletes.
2015 – 2019	Consultant Orthopaedic Surgeon <i>Northline Hospital, Mohali</i> Trauma, arthroscopy and primary arthroplasty.

CERTIFICATIONS & REGISTRATIONS

- Registered Medical Practitioner, state medical council (registration on file)
- ATLS provider
- Certified robotic knee surgeon (manufacturer training)

PUBLICATIONS

- Fischer, A., Gupta, R., & **Malhotra, R.** (2026). Designing for spinal fusion techniques. *Sports Medicine and Rehabilitation*, 35(10), 253–269.
- Fischer, A., **Malhotra, R.**, & Rao, S. (2026). Rethinking return to sport after shoulder surgery. *Arthroplasty Research Letters*, 45(10), 809–825.
- Iyer, M., Okafor, D., & **Malhotra, R.** (2026). Measuring fragility hip fractures in the elderly. *Journal of Orthopaedic Surgery and Trauma*, 14(5), 23–32.
- Okafor, D., **Malhotra, R.**, & Menon, V. (2025). Understanding ACL reconstruction outcomes. *Sports Medicine and Rehabilitation*, 39(6), 307–329.
- Malhotra, R.**, & Mensah, K. (2025). Understanding ACL reconstruction outcomes. *Arthroplasty Research Letters*, 48(12), 534–545.
- Sato, Y., Kim, J., & **Malhotra, R.** (2025). Scaling return to sport after shoulder surgery. *Proceedings of the Indian Orthopaedic Congress*, pp. 742–754.
- Gupta, R., **Malhotra, R.**, & Haddad, N. (2024). Designing for fragility hip fractures in the elderly. *Sports Medicine and Rehabilitation*, 9(6), 172–188.

CONFERENCE PRESENTATIONS & INVITED TALKS

- Invited talk: "Scaling return to sport after shoulder surgery", Arthroplasty Research Letters, London, 2026.
- Invited talk: "Designing for spinal fusion techniques", Arthroplasty Research Letters, Melbourne, 2026.
- Seminar: "Revisiting spinal fusion techniques", Sports Medicine and Rehabilitation, Hyderabad, 2025.
- Invited talk: "Revisiting ACL reconstruction outcomes", Proceedings of the Indian Orthopaedic Congress, New Delhi, 2025.
- Seminar: "Towards fragility hip fractures in the elderly", Sports Medicine and Rehabilitation, Singapore, 2024.
- Keynote: "A study of ACL reconstruction outcomes", Symposium on Orthopaedic Surgery and Trauma, Bengaluru, 2024.
- Contributed talk: "Scaling return to sport after shoulder surgery", Sports Medicine and Rehabilitation, Melbourne, 2023.

TEACHING

- DNB Orthopaedics faculty
- Course director, annual cadaveric knee arthroscopy workshop

GRANTS, AWARDS & HONOURS

- Travelling fellowship, Asia-Pacific arthroplasty society (2018)
- Best Video Award, Indian orthopaedic congress (2022)

PROFESSIONAL SERVICE

- Team doctor, state cricket association (2020–present)
- Free joint-pain camps in rural Punjab

SKILLS

Surgical: Primary and revision knee/hip replacement, ACL reconstruction, shoulder arthroscopy

Other: Robotic surgery, outcome registries, rehabilitation protocols

Languages: Punjabi, Hindi, English

REFERENCES

Dr. K. Bedi

Chairman, Tricity Superspeciality Hospital
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Prof. M. Sood

Professor of Orthopaedics, Shivalik PGIMS
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