

# Dr. Swaroop Solunke

M.B.B.S., M.S. Orthopaedics  
Consultant Orthopaedics and Robotic Joint Replacement Surgeon



## Personal Information:

Name: Dr. Swaroop Shahaji Solunke  
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Address: B 901, Rutuparna, Opp. Jupiter Hospital, Baner, Pune.  
Date of Birth: 21<sup>st</sup> October 1986  
Nationality: Indian.  
Languages: English, Hindi, Marathi.

I, Dr. Swaroop Solunke, MBBS, M. S. Orthopaedics have been practicing as Orthopaedic Surgeon specialized in Joint Replacement & Robotic trained for Robotic Total Hip & Total Knee Replacement.

## Academic Qualification:

Examination	School/College	Board/University	Year
M.S Orthopaedics	M.G.M Medical College, Kamothe, Navi Mumbai.	M.G.M University	2011-14
M.B.B.S + 1yr Internship (Reg no. 2010/07/2465)	Padamshree Dr.D.Y.Patil Medical College, Nerul, Navi Mumbai.	Dr. D.Y.Patil University Pune	2004-10
H.S.C. Board (XII <sup>th</sup> )	Modern College, Navi Mumbai.	Maharashtra Board	2004
S.S.C. Board (X <sup>th</sup> )	Saraswati Education Society, Thane.	Maharashtra Board	2002

## Done Joint Replacement Fellowships as Under:

Fellowship	Country	Year
Fellowship in <b>Minimal Invasive Arthroplasty</b> under Dr. Nilen Shah who is pioneer in minimal invasive Subvastus Total Knee Arthroplasty	Mumbai, India	2015
Fellowship in <b>Arthroplasty and Reconstructive Orthopaedic Surgery</b> under Professor. Med. N. Lindner [Chief of Department at Bruderkrnkenhaus] St. Josef Hospital	Paderborn, Germany	2015
Fellowship in <b>Primary and Revision Hip Replacement</b> under Dr.Luigi Zagra [All European Hip Assoviation Head] at I.R.C.C.S Istituto Orthopedico Galeazzi	Milan, Italy	2016
Fellowship in <b>Robotic Joint Replacement</b> under Dr.Kevin Stone	San Francisco, USA	2018

Started working as consultant Joint Replacement & Arthroplasty Surgeon Since 2016 In

- Dr. D. Y. Patil Medical College Hospital & Research Centre Pimpri Pune as **Assistant Professor** in March 2016 & Promoted as **Associate Professor** in July 2023
- Currently Working as Associated Professor in Department of Orthopaedics. I am also the Director of Dr. Swaroop's Ortho & Polyclinic at Kaspate Vasti Wakad, Pune.
- I have been practicing in Pune from 2015 onwards and have been associated with following hospitals in Pune.
  - Dr. D. Y. Patil Medical College, Pune (Associate Professor)
  - Jupiter Hospital, Baner, Pune
  - Manipal Hospital Baner Pune
  - Oyster and Pearl Hospital, Pune
  - Hardikar Hospital, Shivajinagar, Pune.
  - Vitalife Medipoint Hospital, Aundh, Pune.
  - AIMS Hospital, Aundh, Pune.
- **MAKO STRYKER ROBOTIC** Training done for Total Hip Replacement & Total Knee Replacement in November 2023 at **MS Ramaiah Cadaveric centre , Banglore.**
- Now currently doing **Primary Hip Replacement & Total Knee Replacement, ROBOTIC Assisted** & even non Robotic conventional method.
- **Aim / Future Goals:** To Gain exposure and expertise in the field of **Revision Joint Replacement** both Hip & Knee Joints, its decision making & how to execute & take appropriate surgical decisions.

## Professional Experience in Orthopedics:

Designation	Dept	Institution	From	To	Total
Junior Resident	Orthopaedic	MGM Medical College, Mumbai	02/05/2011	01/05/2014	03 Yrs
Fellowship	Knee Replacement	Dr. Nilen Shah (Joint Replacement Surgeon) Mumbai (Breach Candy Hospital, Bombay hospital, Saifee Hospital)	01/10/2014	01/05/2015	8 Months
Fellowship	Arthroplasty and Reconstructive Orthopedic	Bruderkrnkenhaus St. Josef Hospital, Paderborn, Germany	01/07/2015	31/08/2015	2 Months
Assistant Professor	Orthopaedic	Dr. D. Y. Patil Medical College, Pune	28/03/2016	31/05/2023	07 Yrs 02 Months
Associate Professor	Orthopaedic	Dr. D. Y. Patil Medical College, Pune	01/06/2023	Till date	
Fellowship	HIP Replacement	I.R.C.C.S Instituto Galeazzi, Milan, Italy	01/06/2016	30/07/2016	2 Months
Fellowship	MAKO Robotic Joint Replacement	Under Dr. Kevin Stone (Stone Clinic), San Francisco, USA	26/11/2018	08/12/2018	Half Month

## Publications:

- Solunke S, Bansode A, Verma A\*, Khajanchi S, Kaneria S. **Case of Enchondroma of Left 4th Metacarpal of Hand Treated with Excision and Bone Grafting with Left 2nd Metatarsal of Foot: A Rare Case Report.** Journal of Orthopaedic Case Reports 2025 May;15(5): 198- 203.
- Solunke S, Chowdhary S. **Successful Management of a Rare Pediatric Proximal Humerus Fracture-Dislocation Using K-Wire Fixation: A Case Report.** Journal of Orthopaedic Case Reports 2025 May;15(5): 33-36.
- Nair V, Solunke S, Aggarwal R, Ray S. **Fragment-specific Plate Fixation in a Case of Mayo Type IIB Olecranon Fracture: A Case Report ;** Journal of Orthopaedic Case Report , Jan 2025: 15(1); 13-16. DOI: <https://doi.org/10.13107/jocr.2025.v15.i01.5106>
- Solunke S, Shah M\*, Patil V, Kuity K. **Comparative Study of Inferior Pole of Patella Fracture Treated with Transosseous Technique using Modified Krackow 's Technique Versus Traditional Anterior Tension Band Wiring.** Journal of Orthopaedic Case Reports 2024 October;14(10):Page 230-235 DOI: <https://doi.org/10.13107/jocr.2024.v14.i10.4874>

5. Solunke S, Deshmukh A, Nair A, Chopra S, Gupta A\*, Choudhary S. **A Case Report of Flexor digitorum Profunds Avulsion with distal Interphalangeal joint Dorsal dislocation.** September 2024; Cureus 16(9): e68413. DOI 10.7759/cureus.68444
6. Solunke S, Nair A, Agrawal R\*, Deshmukh A, Barosani A. **Prospective research comparing different trochanteric fracture fixation techniques.** August 2024; Cureus 16(8): e67774. DOI 10.7759/cureus.67774
7. Deshmukh A, Agrawal R\*, Solunke S, Nair A, Barosani A. **A Study evaluating the functional outcomes of mason type III and IV radial head fractures treated with radial head prosthesis.** Cureus 2024 August:16(8):e66898 DOI 10.7759/cureus.66898
8. Solunke S, Talha M\*, Deshmukh A, Shevate I, Nair A. **Outcomes of femoral neck system in treating Intra-capsular neck of femur fractures in a young adult: A case report .** August 2024 cureus;16(8):e66460. DOI 10.7759/cureus.66661
9. Phalak M, Gupta A, Solunke S, Nair A\*. **Management of grade three open distal humerus Intra-articular fracture using the BB Joshi external fixator: A case study and review of outcomes .** August 2024 cureus;16(8):e66460. DOI 10.7759/cureus.66460
10. Nair A, Deshmukh A, Solunke S, Chopra S\*, Gupta A. **Inferior pole of the patella fracture fixed by percutaneous approach: A case report. :** Cureus. August 2024 ;16(8):e66013 DOI 10.7759/cureus. 66013
11. Nair A, Deshmukh A, Solunke S, Chopra S\*, Gupta A. **Fixation of paediatric proximal humerus fractures using percutaneous pinning: A case Report.** July 2024: Cureus 16(7): e64888. DOI 10.7759/cureus.64888
12. Solunke S, Agrawal R\*, Deshmukh A, Nair A, Barosani A. **Bilateral humerus midshaft fracture associated with birth Trauma : A case Report.** Cureus May 2024 16(5):e59767. DOI 10.7759/cureus.59767 (Pubmed)
13. Pokle S., Devramani S\*, Solunke S, Gundecha P. **Mini Fragment Locking Compression Plate Fixation of a Rare Case of Displaced Medial End Clavicle Fracture.** Cureus April 24;16(4):e57743 (Pubmed)
14. Patil J., Patil M., Solunke S\*, **Comparative Study between Plating and Titanium Elastic Nailing System for Mid-Clavicular Fractures in Maharashtra Population;** International Journal of Pharmaceutical and Clinical Research March 2024; 16(3); 645-651.( e-ISSN: 0975-1556, p-ISSN: 2820-2643).
15. Patil J., Patil M., Solunke S\*, **Comparative Study Between Proximal Femoral Nail (PFN) and Internal Proximal Femoral Nail Anti Rotation (PFNA) In Unstable Trochanteric Fractures In Maharashtra Population:** International Journal of Academic Medicine and Pharmacy; March 2024; 6 (2); 173-176.( ISSN (O): 2687-5365; ISSN (P): 2753-6556). DOI: 10.47009/jamp.2024.6.2.36
16. Chaudhari T , Solunke S , Nair A , Gundecha P\*. **Total Knee Arthroplasty in a Patient with Bilateral Fused Hip due to Seronegative Arthritis: A Case Report.** Journal of Clinical and Diagnostic Research. 2024 Mar, Vol-18(3): RD04-RD06. (Web of Science, thomsonreuters) DOI: 10.7860/JCDR/2024/69265.19212
17. Solunke S, Gundecha P\*, Gupta A, Salunkhe R, Nair A., **Glomus Tumour Presenting on The Ventromedial Aspect of Little Finger Causing Bony Erosion: A Rare Case Report From India;** Cureus: Feb - 2024;16(2)e54173. DOI: 10.7759/cureus. (Pubmed)

18. Solunke S, Shevate I, Chaudhari T\*, **Comparative Study of Efficacy of Corticosteroid Versus Analogues Platelet Rich Plasma Injection in the Management of Chronic Plantar Fasciitis in Maharashtra Population**: International Journal of Academic Medicine and Pharmacy; June 2023; 5(2) : 1731-1735, ISSN (O): 2687-5365; ISSN (P): 2753-6556 DOI: 10.47009/jamp.2023.5.3.346
8. Solunke S, Shah M, Kuity K, Taneja A\*. **A Hospital Based Assessment of the Functional Outcome of Arthroscopic Suture Pull Out Fixation of Displaced Tibia, Spine Avulsion Fracture: An Observational Study**. European Chemical Bulletin: July -2023;12(S3),6596-6602 DOI:10.31838/ecb/2023.12.s3.743
9. Nair V, Jawa S\*, Solunke S, Shinde O,. **Comparative Study Between Plating and Titanium Elastic Nailing System in Mid-Clavicular Fractures**; International Journal of Pharmaceutical and Clinical Research 2023; 15(8); 475-481.
10. Nair V, Shinde O\*, Solunke S, Jawa S,. **Comparison of ORIF and Percutaneous Fixation of Scaphoid Fractures in Maharashtra Population**; International Journal of Pharmaceutical and Clinical Research 2023; 15(8); 340-344
11. Nair V., Solunke S, Patil V, Jawa S\*, Abhyankar R. **A Case of Chronic Rupture of Achilles tendon Managed Using a Combination of Multiple Surgical Techniques**; Cureus: April 2023; 15(4): e37171.DOI 10.7759/cureus.37171.
12. Jacob J, Nair V\*, Solunke S, Selvin B, Vadlamudi A. **Comparative evaluation of the functional results of unstable intertrochanteric fractures treated with osteosynthesis augmented with beta tricalcium phosphate verses treatment with osteosynthesis**. European Journal of Molecular & Clinical Medicine. January 2023;10(1):2317-2330 ISSN 2515-8260
13. Abhyankar R, Patil V, Solunke S, Nair V\*. **A Staged Surgical Treatment Outcome of Type 3 Open Tibial Fractures Case Series**: European Journal of Molecular & Clinical Medicine: Jan- 2023; 10 (01): 1387-1393 ISSN 2515-8260.
14. Ray S, Mizanur Rahaman SK\*, Solunke S. **Functional outcome of Essex-Lopresti classification of calcaneal fractures treated with minimally invasive percutaneous osteosynthesis (MIPO) fixation**. European Journal of Molecular & Clinical Medicine: Jan- 2023;10(1):1927-1954 ISSN 2515-8260.
15. Solunke S, Patole V, Shevate I, Nair V\*, Mitra R. **Musculoskeletal disorders in migrant construction workers: A cross sectional study**. Journal of Pharmaceutical Negative Result Dec - 2022 ;13(7): 8092-8103 DOI: 10.47750/pnr.2022.13.S07.979
16. Vellanki S<sup>1</sup>, Solunke S<sup>1</sup>, Abhyankar R\*, Nair V. **A Rare case of destruction of the first Metatarsophalangeal joint in a patient with gout**. Cureus December 2022;14(12):e32285 DOI:10.7759/cureus.32285
17. Ray Shirsha, Vellanki Sravan, Abhyankar Rushikesh, \*, Solunke S. **A rare case of bilateral tumoral calcinosis with intertrochanteric fracture treated by CRIF with proximal femoral nail**. Cureus Dec- 2022; 14(12): e32575. doi:10.7759/cureus.32575
18. Nair V, Jacob J\*, Solunke S, Pareek R, Vadlamudi A, Patil S. **Comparative study of chronic osteomyelitis treated with debridement with antibiotic beads with bone cement and debridement with antibiotic loaded calcium sulphate**. International Journal of Medical Science and Innovative Research (IJMSIR) April 2022;7(2):213-218

19. Nair V, Solunke S, Kumar A, Abhyankar R . **Uniplanar vs Biplanar distal locking in Intramedullary nailing of Tibial Shaft Fractures.** International Journal of Medical Science and Innovative Research (IJMSIR) April 2022;7(2):331-335.
20. Deo S, Narula P \*, Nair V, Solunke S. **To compare the clinical and radiological outcome of unstable intertrochanteric fracture patients treated with dynamic hip screw vs proximal femoral nail A2.** International Journal of medical sciences and innovative research Feb-2022,7(1):202-207.
21. Nair V, Narula P \*, Deo S, Solunke S. **Comparative study of extraarticular spine spine of scapula fractures treated with or in with compression plating vs or if with compression plating supplemented with TBW.** International Journal of Medical Sciences and Innovative Research Feb-2022,7(1):213-218
22. Nair V., Shreyas K. \* Deo S., Swaroop S. **Comparative Study of Hamstrings Auto Graft vs Double Loop Suture Repair for Reconstruction of Acromioclavicular Joint Dislocation.** Asian Journal of Orthopaedic Research: Sept. 2021; 6(2): 11-21.
23. Nair V, Pareek R\*, Solunke S, Ray S, Siddharth, Patil A. **Comparison between percutaneous screw fixation and plate fixation for calcaneal fractures.** Journal of Orthopaedics Trauma Surgery & Related Research July 2021;16(7):13-17
24. Nair V, Kappalguddi S\* , Deo S, Solunke S . **Lisfranc fractures fixation with a Herbert screw.** International Journal of medical and Innovative research, Dec-2021; 6(6): 169-174
25. Narula P, Nair V, Deo S, Solunke S, Patil A, Kumar A “**Anterior Shoulder Instability with Engaging Hill Lesion Treated with Isolated Bankart Repair vs Bankart Repair and Remplissage Technique.**” Journal of Orthopaedic Trauma Surgery & Related Research September 2021;16(9):30-35
26. Solunke S, Deo S, Parbhane P\* , Kumar A, Gupta S “**Morbidity and Complications Of Lateral Closing Wedge Osteotomy In Children As Treatment of Malunited Supracondylar Humerus Fracture With Cubitus Varus**” . Med pulse International Journal of Orthopaedics March 2019; 9(3):61-64 doi.org/10.26611/1020931
27. Sakhuja R\* , Benn A R , Sharma G, Solunke S. **Treatment of distal end radius fractures by various modalities.** International Journal of scientific study November 2019; 7(8):31-36
28. Solunke S, Patole V . **A Prospective study of surgical management of fractures around ankle joint.** National Journal of Clinical Orthopaedics June 2018;2(3):95-99
29. Solunke S, Patole V. **Managing lateral end clavicle fracture at a tertiary level hospital in India.** International Journal of Research in Orthopaedics August 2018; 4(6):909-912  
DOI: <http://dx.doi.org/10.18203/issn.2455-4510.IntJResOrthop20184384>
30. Pisal T, Hira Y.S., Solunke S, Sangam S, Patil A, Gupta S. “**Role of antibiotic-impregnated bone cement rod in control of bone infection and assessing its role in union in cases of infective nonunion of long bones**” Journal of Orthopaedics and allied Sciences Jan-June 2018;6(1):9-12  
DOI: 10.4103/joas.joas\_52\_17
31. Bagul R, Sangam S, Parbhane P, Deo S, Patole V, Solunke S . **Surgical Management of fracture shaft femur in children and adolescents with titanium elastic nailing system.** International Journal of Orthopaedics Sciences 2017;3(4):330-335 DOI:org/10.22271/ortho.2017.v3.i4e.45

## Workshops Attended:

- Seminar on Pediatric Elbow in January 2012 at Dr. D. Y. Patil Navi Mumbai.
- Seminar on Rheumatoid Arthritis and Ankylosing Spondylitis in Navi Mumbai.
- 10th Fracture Fixation Course in August 2013 in Pune.
- Workshop on External Fixator at D.Y.Patil Pune in July 2011
- Focus on Hip Current Concepts and Treatment Options by Depyu at Pune in August 2013.
- Postgraduate Teaching Program at Swastiyog Pratishtan , Miraj.
- Dr. Joy Patankar PG Teaching Program at Sancheti Hospital Pune in May 2014.
- Knee & Basic Shoulder Arthroscopy on 13<sup>TH</sup> & 14<sup>TH</sup> July 2019, (SRMC), Chennai.
- BUECHEL – PAPPAS Cadaveric Course on 10<sup>TH</sup> FEB18, Chennai.
- 8<sup>TH</sup> Masters Course For Knee & Hip Arthroplasty on 23<sup>RD</sup> TO 25<sup>TH</sup> March 2018, Gujrat.
- Advanced Knee & Basic Shoulder Arthroscopy Cadaveric Course on 13<sup>th</sup> to 14<sup>th</sup> July 2019,
- Trauma Update Minimally Invasive Surgery Course on 12<sup>th</sup> May 2019, Pune
- Technology in Joint replacement 5<sup>th</sup> March 2023, Nagpur
- AAOS 6<sup>th</sup> Trauma Conclave, 16<sup>th</sup> to 17<sup>th</sup> June 2019, Mumbai.
- Stryker Primary Arthroplasty Program on 23<sup>rd</sup> to 25<sup>th</sup> August 2021, Delhi.
- British Elbow and Shoulder Society Course 9<sup>th</sup> to 10<sup>th</sup> March 2019, Pune.
- TTJR (Techniques & Technologies in Joint Replacement) on 1<sup>st</sup> & 2<sup>nd</sup> April 2023 at H N Reliance Hospital, Mumbai.
- Live Surgery Symposium PCOA Association at Pune on 25<sup>th</sup> Sept. 2022.
- CCJR (Current Concepts in Joint Replacement) on Orlando, Florida, USA, 2018

## References:

**1. Dr. Nilen Shah**

M.Ch. Ortho.(England), M.S. Ortho(Bom)  
Consultant Joint Replacement Surgeon,  
At Breach Candy Hospital, Bombay hospital,  
Saifee Hospital, Bhaitia Hospital in South Bombay.  
Mobile No: 9819776842

**2. Dr. Norbert Lindner**

Chief Joint Replacement Surgeon,  
Bruderkrankenhaus St. Josef Hospital, Paderborn, Germany

**3. Dr. Luigi Zagra (Head of European Hip Association)**

Head of Hip Unit,  
I.R.C.C.S. ISTITUTO ORTOPEDICO GALEAZZI, Milan Italy.

**4. Dr. V. J. Laheri,**

MBBS, MS Orthopaedics  
Spine and Joint Replacement Surgeon, Seven Hills Hospital,  
Marol Maroshi Road, Andheri (East).  
Honorary Prof. and Unit Head,  
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**5. Dr. Subhash Dhiware,**

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**6. Dr. Alfven Vieira,**

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Professor and Head of the Department,  
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**7. Dr. Rahul Salunkhe,**

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**8. Dr. Amit Kale**

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