

Mandar V. Agashe

November, 2014

M.S. (Orth), M.B.;B.S,

Director, Centre for Paediatric Orthopaedic Care (CPOC) at Dr. Agashe's hospital, Kurla.

Consultant Paediatric Orthopaedic surgeon,

Surya Childcare hospital, Santacruz,

Fortis Healthcare hospital, Mulund,

Kohinoor hospital, Kurla,

Godrej Memorial hospital, Vikroli

H.J. Doshi Hindu Sabha hospital, Ghatkopar

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Honorary Assistant Professor,

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Medical Licensure: Board certified in Orthopaedic surgery with Licensure at state and national level in the state of Maharashtra and republic of India.

Certification:

- AO Principles course at Baroda, India, August 2009.
- AO Advance course in Operative fracture management in Mumbai in October, 2010.
- **“Paediatric Advanced Life Support” (PALS)** certified by the Indian Academy of Paediatrics under the aegis of the American Heart Association.

Educational qualifications :

- M.B.;B.S.: Maharashtra university of Health sciences, Nashik.
- M.S. (Orth): Veer Narmad South Gujarat University, Surat, Gujarat.

Positions held:

June 2012 till September 2012:

International Paediatric Hip and trauma fellow at the Department of Orthopaedic surgery at the **Rady Children’s Hospital, San Diego, California** under Professor Dennis Wenger and Dr. Harish Hosalkar. Rady Children’s hospital is one of the foremost Paediatric hospitals in the United States with a very busy Orthopaedic department currently ranked 2nd in the country. The unit catered to a wide variety of Paediatric hip and trauma cases, including cutting edge domains like Hip preservation.

September 2011 to May 2012 :

Clinical Associate in the department of Paediatric Orthopaedics at the **Bai Jerbai Wadia hospital for Children, Mumbai.**

February 2011 to August 2011:

Clinical and Research fellow in the department of Paediatric Orthopaedics and deformity correction at the **Rare diseases institute, Korea university Guro Hospital, Seoul, Korea.** Korea university guro hospital is a large tertiary care institute in Seoul,

which caters to a large amount of deformity correction cases as well as a number of syndromic and rare diseases.

February 2010 to January 2011:

Specialist registrar, Bai Jerbai Wadia hospital for children, Parel, Mumbai. B.J.Wadia hospital is a 300-bedded Paediatric hospital in the heart of Mumbai, with a very well-renowned department of Paediatric Orthopaedics with wide spectrum of cases including Obstetric Brachial plexus injuries, congenital and Paediatric hand anomalies, Hip and Pelvic problems and Paediatric trauma.

August 2009 to January 2010 (six months):

Research fellow in Osteoarticular tuberculosis, **P.D.Hinduja hospital and research centre, Mahim, Mumbai**. P.D.Hinduja hospital is a 350-bedded private hospital, which acts as a nodal centre for the osteoarticular tuberculosis project under the aegis of the Bombay orthopaedic society.

August 2008 to July 2009 (One year):

Senior registrar, Department of Orthopaedics, Seth G.S.Medical college and **King Edward memorial hospital, Parel, Mumbai**. King Edward memorial hospital, Parel is a 1,800-bedded municipal hospital with one of the largest and busiest Orthopaedic departments in Asia, with a wide variety of cases including trauma, Paediatric Orthopaedics, arthroplasty and spine.

Medical School (MBBS):

Studied in Seth G.S. Medical College and King Edward Memorial Hospital, Mumbai for undergraduate studies in medicine.

- 1) Obtained **distinction** in **Biochemistry** in first year M.B.B.S
- 2) Obtained **distinction in all four subjects** in second M.B.B.S (**Pharmacology, Pathology, Microbiology and Forensic Medicine**)
- 3) Stood **first in Pharmacology** in Maharashtra University of Health sciences in that year.
- 4) Stood **fifth** overall in **second year** M.B.B.S in the state.
- 5) Obtained **distinction in five subjects** in final year M.B.B.S (**E.N.T., Ophthalmology, General Surgery and Orthopaedics, Paediatrics and Gynaecology**).
- 6) Stood **first in Obstetrics and Gynaecology** in the state in final M.B.B.S.
- 7) Stood **fifth** overall in the state in **final M.B.B.S.**

Awards won during medical school :

- 1) The “**D.G. Kurulkar prize**” in Pharmacology (2001).
- 2) The “**Vice Chancellor’s Order Of Merit**” for standing fifth in the state in second M.B.B.S.
- 3) The “**Waghbhat Scholarship**” in Pathology (2002).
- 4) The “**Mrs. Desai Gold Medal**” in Obstetrics and Gynaecology (2004).
- 5) The “**Mr. Karmarkar Gold medal**” in General surgery (2004).
- 6) The “**Vice-Chancellor’s Order Of Merit**” for standing fifth in the state in final M.B.B.S (2005).
- 7) The “**Vice-Chancellor’s Order of Merit**” for standing first in Obstetrics and Gynaecology in the state in final M.B.B.S (2005).

Post-Graduation :

- Ranked first in M.S. (Orth) examination from Veer Narmad South Gujarat University, Surat, Gujarat in the year 2008.

Awards won during post-graduation :

Won the **All- Gujarat Orthopaedic Quiz** organized by the Gujarat Orthopaedic Association (State-level) in 2007 and represented the state of Gujarat in the All-India Orthopaedic Quiz held in IOACON-2008.

Teaching experience in Orthopaedics :

- 1) Senior Registrar in Orthopaedics at the Government Medical College and New Civil Hospital, Surat from April to June 2008.
- 2) Senior Registrar in Orthopaedics at the King Edward Memorial Hospital and Seth G.S. Medical college from August 2008 to July 2009 (one year).
- 3) Specialist registrar in Paediatric Orthopaedics at the B.J. Wadia Children's Hospital, Mumbai from February 2010 to January 2011.

Fellowships in Orthopaedics:

Professor Kaye Wilkins travelling fellowship under the aegis of the Paediatric Orthopaedic society of India, 2012.

International Paediatric Hip and Trauma fellowship at the Rady Children's hospital, San Diego under Dr. Dennis Wenger and Dr. Harish Hosalkar. This fellowship was designed for learning the nuances and techniques in various aspects of Paediatric and adolescent hip disorders like safe surgical dislocations and peri-acetabular osteotomies, making me one of the few surgeons trained in these unique techniques in India.

SICOT meets SICOT travelling fellowship at the Charles university, 2nd Orthopaedic unit, University hospital, Motol at Prague, Czech republic under Professor Tomas Trc in March 2012.

Clinical and Research fellowship in Department of Paediatric Orthopaedics and Limb lengthening/ Deformity correction at the **Rare Diseases Institute, Korea University Medical Centre,**

Guro Hospital, from February to August 2011 under Professor Hae-Ryong Song. The fellowship involved active out-patient and surgical work at a busy university hospital, with regular resident teaching programs and research projects. The Korea university medical centre is a busy tertiary care institute in the heart of the bustling metropolis of Seoul, catering to a wide range of Paediatric and deformity correction cases.

Research fellowship in Osteoarticular Tuberculosis at the **P.D.Hinduja National Hospital and Research centre**, Mumbai from August 2009 to January 2010. Research involved working for the Bombay Orthopaedic Society Osteoarticular Tuberculosis project with special emphasis on designing protocols for diagnosis of Osteoarticular Tuberculosis as well as finding causes for non-respondence to treatment in Osteoarticular Tuberculosis.

Faculty positions in courses:

- 1) Paediatric Orthopaedic course, 2010 under the aegis of the Bombay Orthopaedic society
- 2) Paediatric Orthopaedic course, 2011 under the aegis of the Bombay Orthopaedic society
- 3)** Western India regional orthopaedic conference, 2011 symposium on “The Limping child.”
- 4) Western India regional orthopaedic conference, 2012, symposium on “The enigmatic elbow”
- 5) Maharashtra Orthopaedic association annual conference (MOACON), 2012 symposium on “Paediatric infections”
- 6) Paediatric Orthopaedic society of India annual conference (POSICON) 2013, symposium on “Growth modulation”
- 7) M.Ch Dundee “20th Alumni course” Pune, 2013
- 8) Western India Regional Orthopaedic conference, WIROC, 2013.

- 9) BOS, Paediatric Orthopaedic Course, 2013.
- 10) Co-Convenor, BOS Paediatric Orthopaedic course, 2014
- 11) International fractures in children symposium (IFICS)-2014

Presentations and Posters:

- 1) **Agashe MV**, Mehta R, Thatte MR. “Clinical outcome of shoulder muscle transfers for shoulder deformities in obstetric brachial plexus palsy: A case series of 150 cases”. Presented at POSICON, 2012 at Pune.
- 2) **Agashe MV**, Mehta R, Thatte MR. “Results of pollicisation of camptodactylous index fingers in radial club hand.” Presented at POSICON, 2012 at Pune.
- 3) **Agashe MV**, Rustagi T, Rathod CM, Aroojis AJ, Mehta R. “Comparison of needle tenotomy with conventional percutaneous tenotomy in clubfoot: A study of 22 cases.” Presented at WIROC, 2011 at Mumbai.
- 4) **Agashe MV**, Aroojis AA. “Understanding the barriers in the effective clubfoot treatment by the Ponseti method: An Indian perspective.” Presented at the **International clubfoot congress** at the 25th Triennial conference of **SICOT** at Prague in September, 2011.
- 5) **Agashe MV**, Song SH, Song HR. “Pelvic support osteotomy for unstable hips using hybrid external fixator: Case series and review of literature.” Presented at the “Korea-Japan Combined Orthopaedic symposium (KJCOS 2011)” at Daegu, South Korea, in June 2011.
- 6) **Agashe MV**, Park YE, Song SH, Song HR. “Physeal growth arrest after tibial lengthening in Achondroplasia: A radiological study till skeletal maturity.” Presented at the “Korea-Japan Combined Orthopaedic Symposium (KJCOS 2011)” at Daegu, South Korea in June 2011.
- 7) **Agashe MV**, Hwang MH, Song SH, Song HR. “Limb-length discrepancy and its effect on the longer limb: A radiological

study of 25 cases.” Poster presentation at the “Korea-Japan Combined Orthopaedic symposium (KJCOS 2011)” at Daegu, South Korea in June 2011.

- 8) Song SH, **Agashe MV**, Song HR. “Physeal growth arrest after tibial lengthening in Achondroplasia: A radiological study till skeletal maturity.” Presented at the “Korea Paediatric Orthopaedic Symposium (KPOS 2011)” at Seoul, South Korea in June 2011.
- 9) Refai M, **Agashe MV**, Song SH, Song HR. “Limb-length discrepancy and its effect on the longer limb: A radiological study of 25 cases.” Presented at the “Korea Paediatric Orthopaedic symposium (KPOS 2011)” at Seoul, South Korea in June 2011.
- 10) **Agashe MV**, Nawaid H, Aroojis. “Understanding the barriers in the effective clubfoot treatment by the Ponseti method.” Presented at the Western India regional Orthopaedic conference, Mumbai in December 2010. Was selected for the **Masalavala Best paper** session.
- 11) **Agashe M.V.**, Mohanty S.S., “Hip Arthroplasty as a salvage for failed and infected fixation of hip fractures”, presented at the seventh **Ranawat Orthopaedic Conference**, Chennai, in 2009. Won **K.T.Dholakia Best paper award** for surgeons under 40.
- 12) **Agashe M.V.**, Shetty V.G., Maurya U., “Lower end tibia Giant cell tumour treated by modification of Blair Fusion: A report of two cases”, poster presented at the Western India Regional Orthopaedic Conference, Mumbai, in December, 2009.
- 13) Agashe V.M., **Agashe M.V.**, Thakkar A., “Tropical pyomyositis: A case report” poster presented at the Western India Regional Orthopaedic Conference, Mumbai, in December, 2009. Won **Best Poster award**.
- 14) Maurya U., **Agashe M.V.**, Agashe V.M., “Myositis Ossificans Circumscripta: A case report”, poster presented at the Western India Regional Orthopaedic Conference, Mumbai, in December 2009.

Conferences attended:

- 1) 2nd Ponseti International conference at Iowa city, Iowa under the aegis of the University of Iowa Hospital in October, 2012.
- 2) POSICON 2012 at Pune, under the aegis of Paediatric Orthopaedic society of India.
- 3) Western India regional Orthopaedic conference, 2011 at Mumbai, India.
- 4) 25th Triennial SICOT conference, 2011 at Prague, Czech republic in September 2011.
- 5) Korea-Japan Combined Orthopaedic Symposium, 2011 at Daegu, Korea in June 2011.
- 6) Spring conference of the Korea Orthopaedic Association at Suwon, Korea in March, 2011.
- 7) Western India Regional Orthopaedic Conference (WIROC) in Mumbai, 2011.
- 8) AO Advance Course in fracture fixation in Mumbai in September 2011.
- 9) AO Principles course in fracture fixation in Baroda in May, 2010.
- 10) Traumacon, Mumbai in August 2010.
- 11) Western India Regional Orthopaedic Conference, in Mumbai in December 2009.
- 12) Annual conference of the Indian Orthopaedic Association, IOACON, 2007, in Kolkota in December 2007.

Book Chapters:

- 1) **Agashe MV**, Schmitz M, Hosalkar H. Paediatric Pelvic fractures and Fracture dislocations of the Hip. In Herman, Horn (Editors), Contemporary surgical management of Fractures and complications: Children. 2014.
- 2) **Agashe MV**, Hosalkar H. Septic Arthritis in Children. In Gupta P (Editor), Textbook of Paediatrics. 2015.
- 3) **Agashe MV**, Hosalkar H. Osteomyelitis in Children. In Gupta P (Editor), Textbook of Paediatrics. 2015.
- 4) **Agashe MV**, Congenital Clubfoot. In Gupta P (Editor), Textbook of Paediatrics. 2015.

Publications:

- 1) **Agashe MV**, Song SH, Tong XB, Hong JH, Song HR. Subtrochanteric valgus osteotomy with monolateral external fixator in hips for patients with severe cerebral palsy. *Orthopedics*. 2013 Feb;36(2):e139-46.
- 2) Monazzam S, **Agashe MV**, Hosalkar H. Reliability of Over-coverage Parameters with Varying Pincer Morphology: Comparison of EOS and Conventional Radiography. *Clin Orthop Relat Res* –In press, 2013.
- 3) **Agashe MV**, Rustagi T, Dhamele J, Mehta R, Aroojis AJ. Bilateral congenital radial dislocation in Loews-Dietz syndrome: A case report and review of literature. *J Orthop Surg (Hong Kong)*- In press. 2013.

- 4) Monazzam S, Bomar JD, **Agashe MV**, Zeibarth K, Hosalkar HS. Does Femoral Rotation Influence AP Alpha Angle, Lateral CE Angle and Medial Proximal Femoral Angle? A Pilot Study. *Clin Orthop Relat Res*, Nov 2012 (Epub).
- 5) **Agashe MV**, Song SH, Refai MA, Park KW, Song HR. Congenital pseudarthrosis of the tibia treated with combination of Ilizarov's technique with intramedullary rodding: A preliminary report. *Acta Orthop* Oct8, 2012(epub).
- 6) Song SH, Balce GCE, **Agashe MV**, Lee H, Hong SJ, Park YE, Kim SG, Song HR. New proposed clinic-radiologic and molecular criteria in hypochondroplasia: FGFR 3 gene mutations are not the only ones causing hypochondroplasia. *Am J Med Gen A* (In Press). 2012.
- 7) Song SH, **Agashe MV**, Huh YJ, Hwang SY, Song HR. Physeal growth arrest after tibial lengthening in achondroplasia. *Acta Orthop*. 2012 Jun;83(3):282-7. Epub 2012 Apr 11. PubMed PMID: 22489887
- 8) Kim SJ, **Agashe MV**, Song SH, Song HR. "Comparison between upper and lower limb lengthening in Achondroplasia: A retrospective study". *J Bone Joint Surg Br*. 2012 Jan;94(1):128-33. PubMed PMID: 22219260.
- 9) Kim SJ, **Agashe MV**, Song SH, Song HR. "Fibula related complications in bilateral tibial lengthening in Achondroplastics". *Acta Orthop*. 2012 Jun;83(3):271-5. Epub 2012 Feb 13. PubMed PMID: 22329670
- 10) Song SH, **Agashe M**, Kim TY, Sinha S, Park YE, Kim SJ, Hong JH, Song SY, Song HR. Serial bone mineral density ratio measurement for fixator removal in tibia distraction

osteogenesis and need of a supportive method using the pixel value ratio. *J Pediatr Orthop B.* 2012 Mar;21(2):137-45.
PubMed PMID: 22170218.

- 11) Kim SJ, Balce GC, **Agashe MV**, Song SH, Song HR. Is bilateral lower limb lengthening appropriate for achondroplasia?: midterm analysis of the complications and quality of life. *Clin Orthop Relat Res.* 2012 Feb;470(2):616-21. Epub 2011 Jul 22. PubMed PMID: 21785895; PubMed Central PMCID: PMC3254769.
- 12) Kim SJ, **Agashe M**, Song SH, Song HR. Pitfalls of lengthening over an intramedullary nail in tibia: a consecutive case series. *Arch Orthop Trauma Surg.* 2012 Feb;132(2):185-91. Epub 2011 Oct 19. PubMed PMID: 22009413.
- 13) Lee SH, **Agashe M**, Suh SW, Yoon YC, Song SH, Yang JH, Lee H, Song HR. Paravertebral Ligament Ossification in Vitamin-D Resistant Rickets: Incidence, Clinical Significance and Genetic Evaluation. *Spine (Phila Pa 1976).* 2012 Jan 18. [Epub ahead of print] PubMed PMID: 22261628.
- 14) Kim SJ, **Agashe MV**, Song SH, Choi HJ, Lee H, Song HR. Comparison between upper and lower limb lengthening in patients with achondroplasia: a retrospective study. *J Bone Joint Surg Br.* 2012 Jan;94(1):128-33. PubMed PMID: 22219260.
- 15) **Agashe M**, Tong XB, Song SH, Park YE, Hong JH, Lee H, Song HR. Pelvic support osteotomy for unstable hips using hybrid external fixator: case series and review of literature. *J Orthop Sci.* 2012 Jan;17(1):9-17. Epub 2011 Nov 18. PubMed PMID: 22094604.
- 16) **Agashe MV**, Aroojis AJ. Incarceration of the radial head associated with a radial head fracture, radiocapitellar

dislocation, and proximal radioulnar translocation. *J Orthop Trauma*. 2011 Sep;25(9):e94; author reply e94. PubMed PMID: 21857412.

- 17) Thatte MR, **Agashe M**, Rathod C, Lad P, Mehta R. An approach to the supraclavicular and infraclavicular aspects of the brachial plexus. *Tech Hand Up Extrem Surg*. 2011 Sep;15(3):188-97. PubMed PMID: 21869653.

- 18) **Agashe MV**, Samant A, Aroojis AJ. Convergent Radioulnar Translocation With Radial Head Fracture in a Child: A Case Report and Review of the Literature. *J Orthop Trauma*. 2011 Aug 20. [Epub ahead of print] PubMed PMID: 21873890.

- 19) **Agashe MV**, Mehta R, Aroojis AJ. Habitual anterior dislocation of the hip in cerebral palsy: a case report. *J Pediatr Orthop B*. 2011 Aug 19. [Epub ahead of print] PubMed PMID: 21857541.

- 20) **Agashe MV**, Rathod CM, Dhamele JA. Congenital pseudoarthrosis of the tibia with localised gigantism in a case of congenital constriction band syndrome. *Indian J Plast Surg*. 2011 Jan;44(1):139-41. PubMed PMID: 21713201; PubMed Central PMCID: PMC3111106.

- 21) Thatte MR, **Agashe MV**, Rao A, Rathod CM, Mehta R. Clinical outcome of shoulder muscle transfer for shoulder deformities in obstetric brachial plexus palsy: A study of 150 cases. *Indian J Plast Surg*. 2011 Jan;44(1):21-8. PubMed PMID: 21713212; PubMed Central PMCID: PMC3111117.

- 22) **Agashe MV**, Phadke S, Agashe VM, Patankar H. "A new method of Locked intramedullary nailing for spiral and comminuted fractures of metacarpals: A series of 21 cases"

Hand, 2011, DOI- 10.1007/s11552-011-9350-8. [E-pub ahead of print].

Referees:

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4) Dr. Mukund R. Thatte. M.S., M.Ch. (Plastic Surgery).

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