

# **CURRICULUM VITAE**

**of**

**Mr Madhu SR Tiruveedhula**

**MBBS,MRCSEd,MRCSGlasg,FRCSGlasg(Ortho),PgC**

**Consultant Orthopaedic Surgeon at  
Mid and South Essex University Hospitals,  
Basildon, UK**

**Special interest in**

**Foot & Ankle Surgery**

**Paediatric Orthopaedics**

**Ligament reconstruction for Ankle and Knee**

**Limb deformity correction**

**Diabetic Foot Reconstruction**

**Trauma**

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### Current NHS Employment

#### **Consultant Orthopaedic Surgeon- Since Oct 2015**

Mid & South Essex NHS Foundation Trust  
Basildon Hospital. Basildon. SS16 5NL

### Educational Events organised or Faculty:

#### **Courses Organised/ Planned:**

- 3<sup>rd</sup> Diabetic Foot Reconstruction Cadaveric Workshop, Cambridge, Dec 2024
- 9<sup>th</sup> Annual conference of the International Association of Diabetic Foot Surgeons, Nov 2023, London
- Pecalplasty Cad lab, Nov 2023
- 2nd Diabetic Foot Reconstruction Cadaveric Workshop- Nov 2022
- 1<sup>st</sup> Diabetic Foot Reconstruction Cadaveric Workshop- Oct 2021
- Essex Foot & Ankle Study Day- Oct 2017
- East Anglia Paediatric Orthopaedic Group (EAPOG), Basildon- May 2017
- Monthly Diabetic Foot MDT meetings
- Southampton Paediatric FRCS(Ortho) Intense Revision Course- Jan 2014

#### **GP Talks delivered:**

- GP Education Programme, Nuffield Health Brentwood Hospital, July 2024, Jan 2024, Oct 2022, Sept 2021, June 2019, Feb 2018, Nov 2016
- Paediatric Orthopaedics- Sept 2021

#### **Talks delivered as Faculty in national and international meetings:**

- Charcot deformity of Fore, Mid & Hindfoot- treatment strategy and role of Cerament, SouthWest Orthopaedic meeting, Nov 2024
- Hindfoot deformities in Diabetic peripheral neuropathy, NOMAD meeting, Oct 2024
- Foot & Ankle Examination, Conceptual Foot & Ankle Course Oct 2024
- Cavovarus foot, Conceptual Foot & Ankle Course Oct 2024
- Fractures in Lower limb, Romford A&E Course, Sept 2024
- Limping Child, Romford A&E Course, Sept 2024
- Charcot Foot: When to Operate? EWMA, May 2024
- Limb preservation and amputation, Irish Vascular Society annual meeting, May 2024

- Complex diabetic foot reconstruction, Irish Vascular Society annual meeting,  
May 2024
- Amputations in Diabetics, BOFAS Principles Course Apr 2024
- Ankle fractures in Diabetes, Conceptual Orthopaedics, Mar 2024
- Calcaneal fractures in Diabetes, Conceptual Orthopaedics, Mar 2024
- Midfoot Charcot- When to operate- staged approach to decision making, IADFS,  
Nov 2023
- Diabetic Foot Osteomyelitis - Surgical Principles and Pearls, IADFS, Nov 2023
- A 2-Stage Approach in Treating Diabetic Forefoot Ulcers, IADFS, Nov 2023
- Pexaplasty for Hallux Valgus Deformity, Nov 2023
- A 2-Stage Approach in Treating Diabetic Forefoot Ulcers, EBJIS Oct 2023
- Can a Diabetic Foot Ulcer be prevented? EBJIS Oct 2023
- King's Charcot Foot symposium, Sept 2023
- Paediatric Hallux Valgus Deformity-Royal College of Podiatry, Jun 2023
- Diabetic Foot Surgeon UK webinar series once every 3m
- Modern Surgical Solutions for Diabetic Foot Osteomyelitis- May 2023
- Acute Ulcerated Infected Charcot Foot, Newcastle Diabetic Meeting Mar 2023
- Charcot foot reconstruction and pathways for the diabetic patient,  
Blackpool group webinar- Feb 2023
- Severe hindfoot valgus post Flat foot reconstruction- EFAS Jan 2023
- Surgical treatment strategy for flexible flat foot- Dec 2022
- Limping Child- Orthopaedic trauma course for emergency medicine, Nov 2022
- Midfoot Charcot Reconstruction- What's the ideal combination of  
Superconstruct? Kings Meeting- Sept 2022
- Diabetic forefoot ulceration- A 2-stage approach to prevent forefoot amputations.  
  
Bonesupport Webinar Sept 2022
- Outcomes of out-patient tendo-Achilles lengthening (TAL) and weight-bearing  
Total contact casts (TCC) for patients with diabetic forefoot ulcers- Malvern  
Meeting- May 2022
- Midfoot Charcot Deformities: Stages of disease progression and Ideal  
Combination of Superconstruct. IADFS, Sept 2022 + July 2022+ June 2022
- Outcomes of out-patient tendo-Achilles lengthening (TAL) and weight-# bearing  
total contact casts (TCC) for patients with diabetic forefoot ulcer, BIOS, July 2022
- Forefoot ulcers, Amputation or Reconstruction?- Bonesupport Webinar Mar 2022
- Management of Anatomical and Mechanical causes for Diabetic Foot ulceration.

**Bonesupport Webinar Oct 2021**

- Non-healing Diabetic foot ulcers- Foot deformities and Ceramant as adjuvant in management. Bonesupport Webinar Sept 2021
- Paediatric Soft Tissue Injuries- East of England Registrar Talk, Jan 2021
- Common Paediatric Hip Conditions- Registrar talk- July 2020
- Cerament as adjunct in Acute Diabetic Feet and Charcot Foot Reconstruction, Gotenborg Dec 2019
- Cerament G in high-risk trauma patients, Podiatrist meeting- Oct 2019
- Sinus Tarsi Implants for correction of Hindfoot Valgus- Sept 2019
- New Staging system for Midfoot Charcot based on Disease progression- Jun 2019
- Non-healing Diabetic foot ulcers and Dead space management- May 2019
- Paediatric Lower limb conditions- Physiotherapy talk- Apr 2017
- Paediatric Orthopedics- Chiropodist talk- Feb 2017

<b>Courses and Workshops attended:</b>
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**Workshops:**

- Orthofix workshop on circular frame for diabetic feet- Oct 2024
- Fibular Nailing workshop, May 2024
- EFAS Ankle Replacement Cadaveric Workshop, Apr 2024
- EFAS Foot & Ankle Arthroscopy course- Sept 2023
- Orthofix workshop on circular frame fixation- May 2023
- Sovereign Medical workshop on MIS assisted Hallux valgus surgery- May 2023
- Arthrex Cadaveric Foot & Ankle Workshop- Mar 2023
- Marquardt workshop on MIS assisted Hallux valgus surgery- Feb 2023
- Arthrex soft tissue knee workshop- Nov 2021
- Marquardt Cadaveric workshop on MIS assisted Calcaneal osteotomy- Nov 2019
- Arthrex Cadaveric Foot & Ankle course, Munich, May 2019
- Faculty in Cadaveric course on Midfoot Charcot Reconstruction, London, Jun 2019
- The Multidisciplinary, Orthopaedic and Vascular Reconstruction of the Charcot Foot, London, Jun 2019
- Medartis Foot & Ankle course, London- June 2018
- Novel Foot & Ankle Approaches Course, Keele University, Staffordshire, June 2018
- Cadaveric Total Ankle Replacement course, Newcastle, Apr 2018
- TAYLOR SPATIAL FRAME™ Foot & Ankle Fixation Masterclass with Gavin DeKiewiet- July 2016

- 7<sup>th</sup> UK deformity Planning course, Hull- planned for June 2016
- External Fixator Course using TSF, York- Mar 2016
- Richard Villar Hip Arthroscopy course, York, 2012, 2013
- UK Deformity Correction Course, Hull, Jun 2011
- TSF External Fixator Course, York, Feb 2011
- Ponseti Course and Workshop, Manchester, Oct. 2010
- Advanced Course on Intramedullary Nailing in Children, Sheffield, Jun 2008
- Essentials of Ilizarov, Leeds, Jan 2007
- Exeter Hip Symposium, Exeter, Nov 2006
- Basic Knee Arthroscopy course, RNOH, London- May 2005
- Plaster Application Course, Hull, Feb 2005

### **Mandatory Courses:**

- Trust Mandatory courses
- Safeguarding Level 3 for Children- June 2022

### **Continued Professional Development:**

- BOFAS Annual meeting- Mar 2024
- BSCOS Annual meeting- Mar 2024
- King's Charcot Foot Symposium- Sept 2022
- BOFAS Annual meeting- Mar 2022
- BIOS Annual Meeting- Jul 2022
- Registrar Webinar Series - Lisfranc injuries- Jan 2022
- Ending Avoidable Lower-limb Amputations due to Diabetes- A Global Perspective- Nov 2021
  - Webinar on Guidance for Diabetic Foot Management during COVID-19 Pandemic- Association of Diabetic Foot Surgeons- Apr 2020
  - Paediatrics Meet Surgery- Feb 2020
  - BOFAS Annual Meeting, Nottingham, Nov 2019
  - BOFAS Annual Meeting, Edinburgh, Nov 2018
  - BIOSCON 2018, Huddersfield- British Indian Orthopaedic Society Annual Meeting, June 2018
    - Joint 4th ADFS Annual Conference and King's Charcot Foot Reconstruction Symposium, June 2018
    - BSCOS Annual meeting- Crewe, Mar 2018
    - Dead space management and bone healing in chronic osteomyelitis, Oxford- Sep 2016
    - BSCOS Annual Meetings- 2016, 2014, 2013, 2012, 2010
    - Ponseti Road show, Southampton, Jun 2013
    - BOA Annual Meeting, 2009, 2005

- British Hip Society Meeting, Manchester, Mar 2009
- Holdsworth Club meeting, Hull, Nov 2008
- Symposium on Bone Regeneration, BOA Birmingham, 22<sup>nd</sup> Sept 2005

#### Audits- Presented or Supervised

1. Prospective Audit: Protocol Baby- Jan 2022
2. Outcomes of Tendo-Achilles Lengthening (TAL) in Diabetic Foot clinics- Nov 2021
3. 3-year follow-up of cemented vs un-cemented hemiarthroplasty for fracture neck of femur, outcomes and complications- Jan 2020
4. Re-Audit of Plaster Indices Following Closed Reduction of Forearm Fracture- Nov 2019
5. Quality Improvement Project On: Weight adjusted Thromboprophylaxis for lower limb immobilisation patients- Feb 2019
6. VTE Prophylaxis, are we meeting guidelines for weight adjustment? Jan 2019
7. Total Hip Replacement (THR) for NOF: How do we Treat our Patients? (NICE CG124), Dec 2018
8. Audit of Plaster Indices Following Closed Reduction of Forearm Fracture, May 2018
9. Tip-Apex Distance for per-trochanteric Femoral Fractures. Nov 2017
10. Follow-up in Paediatric fracture clinic. Nov 2016
11. Change in the Gap Index to Assess the Adequacy of Plaster Cast following Closed Reduction of Fracture. Sept 2015
12. Incidence of Deep Venous thrombosis following lower limb circular frames. Hull Royal Infirmary, Mar 2012
13. Closed treatment of displaced distal radius fracture in children. Leeds General Infirmary, Leeds, Jul 2010
14. AVN following 45° of hip spica cast in the treatment of DDH following closed or medial open reduction. Leeds General Infirmary, Leeds, Jul 2010
15. Prophylactic antibiotic use in orthopaedic surgery. Diana, Princess of Wales Hospital, Grimsby, May 2009
16. Use of Plaster Slipper Cast for Metatarsal Fractures. Scunthorpe General Hospital, Feb 2008
17. Tip-Apex-Distance (TAD) for DHS fixation. Hull Royal Infirmary, Hull, Jan 2005
18. X-ray documentation in patients' case notes. Hull Royal Infirmary, Hull, July 2005
19. Adequacy of operation notes. Are we following Royal College guidelines? St. James's University Hospital, Leeds, May 2004
20. Management of glass foreign bodies in hands and feet in A&E. Scunthorpe General Hospital, Scunthorpe, Jun 2001

21. Fast tracking of patients with fracture neck of femur from A&E. Scunthorpe General Hospital, Scunthorpe, May 2001
22. Foot pumps as mechanical prophylaxis in the prevention of thrombotic complications after Joint replacement surgeries. Hairmyres Hospital, Hairmyres, July 2000

## Publications

### **Book chapter-**

1. **Tiruveedhula M**, Rambani R, Sharma HK. *Management of Periprosthetic Fractures of Proximal Femur. An Operative Manual of Proximal Femoral Fractures*, Jaypee Brothers Medical Publishers, ISBN 9789351524854, chapter 17, pg 141.

### **Full Papers in Peer-reviewed journals**

1. Venkateswaran V, **Tiruveedhula M**, Edwards J, Dindyal S, Mulcahy M, Thapar A. Antibiotic Eluting Bone Void Filler Versus Systemic Antibiotics For Pedal Osteomyelitis. *J Foot Ankle Surg.* 2024 Aug 23: S1067-2516(24)
2. **Tiruveedhula M**, Graham A, Thapar A, Dindyal S, Mulcahy M. A 2-Stage Approach in Managing Diabetic Forefoot Ulcers. *Foot & Ankle International*, Jun 2023
3. **Tiruveedhula M**, V Kavarthapu. Managing cavovarus feet in diabetic patients., *Foot and Ankle Clinics*, Apr 2023
4. **Tiruveedhula M**. Charcot neuropathy of the ankle and midfoot: a challenging treatment situation. *Ann Joint* 2023;8:11.
5. **Tiruveedhula M**, Graham A, Thapar A, Dindyal S, Mulcahy M. Outcomes of Tendo-Achilles lengthening and weight-bearing total contact cast for management of early midfoot charcot neuroarthropathy. *J Clin Orthop Trauma.* 2021 Mar 10;17:128-138.
6. **Collaborative author:** Mason LW, Malhotra K, Houchen-Wollof L, Mangwani J; UK FAICoN Audit Collaborative. The UK foot and ankle COVID-19 national (FAICoN) audit - Regional variations in COVID-19 infection and national foot and ankle surgical activity. *Foot Ankle Surg.* 2021 Mar 18:S1268-7731(21)00049-7.
7. **Collaborative author:** Mangwani J, Malhotra K, Houchen-Wollof L, Mason L; UK FAICoN Audit Collaborative. The UK Foot and Ankle COVID-19 National (FAICoN) audit. *Bone Jt Open.* 2021 Apr;2(4):216-226.
8. **Collaborative author:** Mangwani J, Malhotra K, Houchen-Wollof L, Mason L; UK FAICoN Audit Collaborative. The UK Foot and Ankle COVID-19 National (FAICoN) audit. *Bone Jt Open.* 2021 Apr;2(4):216-226. doi: 10.1302/2633-1462.24.BJO-2021-0008.R1. PMID: 33829856; PMCID: PMC8085618.
9. Vollans S, Chaturvedi A, Sivasankaran K, **Madhu T**, Hadland Y, Allga V, Sharma HK. Symptomatic venous thromboembolism following circular frame treatment for tibial fractures. *Injury.* 2015;46(6):1108-11.
10. **Tiruveedhula M**, Reading I, Clarke NMP. Avascular Necrosis of Femoral head after Failed Pavlik Harness Treatment in Developmental Dysplasia of Hip. *J Pediatr Orthop.* 2015 Mar;35(2):140-3.



11. **Madhu T**, Akula M, Scott BW, Templeton PA. A Change in the Hip Abduction Angle in Hip Spica and its Effect on the Rate of Avascular Necrosis of the Femoral Head. *J Pediatr Orthop B*. 2013 May;22(3):184-8.
12. **Madhu T**, Akula M, Raman R, Sharma HK, Johnson GV. Birmingham Hip Resurfacing: An Independent Single Surgeon's Experience at Seven-year Follow-up. *J Arthroplasty*. 2011 Jan;26(1):1-8.
13. **Madhu TS**. Posterior and Anterior Lumbar Interbody Fusion. *Current Orthopaedics Volume 22, Issue 6, December 2008, Pages 406-413*.
14. **Madhu T**, Raman R, Giannoudis PV. Long-Term Functional Outcome in Patients with Combined Spinal and Pelvic Fractures. *Injury*. 2007 May;38(5):598-606.
15. **Madhu T**, Morgan-Jones R. Modified Operative Technique to Enhance Compression at Grafted Medial Malleolar Non-Union. *Injury Extra Nov*. 2005; 36 (11): 520-5.
16. Michael LM 2nd, Moss T, **Madhu T**, Coakham HB. Malignant transformation of posterior fossa epidermoid cyst. *Br J Neurosurg*. Dec 2005;19(6):505-10.
17. **Madhu T**, Dunsmuir R. Sensory Neurapraxia of the Foot after Leg Traction on Fracture Table. *Injury Extra July 2005; 36(7): 306-7*.
18. Venu KM, Koka R, Garikipati R, Shenava Y, **Madhu T**. Dall-Miles Cable & Plate Fixation for Periprosthetic Femoral Fractures-A Retrospective Analysis of 13 Cases. *Injury 32; 2001: 395-400*.

#### Personal Details

<b>Name</b>	Madhu Sudan Rao Tiruveedhula
<b>Date of Birth</b>	10 <sup>th</sup> August 1972
<b>Sex</b>	Male
<b>Address</b>	31 Vancouver Close, Orpington. BR6 9XQ
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<b>Website</b>	madhutipruevedhula.co.uk
<b>GMC Registration</b>	5199347
<b>UK CCT</b>	Dec 2012

#### Qualifications

##### Clinical-

- PgC Leadership and Management Development, Edge Hill University, 2018
- FRCSGlasg(Ortho)- Royal College of Surgeons of Glasgow, Sept 2011
- MRCS(Ed)- Royal College of Surgeons, Edinburgh, May 2003
- MRCS(Glasg)- Royal College of Surgeons, Glasgow, Feb 2003
- MBBS- Bangalore Medical College, Bangalore, India, May 1997
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Non-clinical-

- Diploma in Teaching Skills for Educators, e-learning, Alison, 2015
- Introduction to the Learning Process for Teachers and Trainers, Alison, 2015
- Edward Jenner Programme for Leadership Foundation, NHS leadership Academy, Feb/Mar 2015

## Previous NHS Consultant appointments – Locum posts

**Consultant Paediatric Orthopaedic Surgeon,**  
Brighton and Sussex University Hospitals, Brighton  
July 2015- Sept 2015 (3m)

**Consultant Paediatric Orthopaedic Surgeon,**  
Evelina Children Hospital,  
Guys' and St. Thomas' Hospitals NHS Trust, London  
Aug 2014- Jun 2015 (10m)

## Fellowship Experience

- 1. Fellowship in Young Adult Hip Surgery**  
Guy's and St. Thomas' Hospitals NHS Foundation Trust,  
Apr 2014 to July 2014 (4m)  
Supervising consultants: Mr Marcus Bankes and Mr Marc George
- 2. Fellowship in Paediatric Orthopaedics**  
University Hospital Southampton NHS Foundation Trust, Southampton  
01/04/2013 to 31/03/2014 (12m)  
Supervising consultants: Prof N Clarke, Mr M Uglow, Mr E Gent,  
Mr V Shaktivel, Miss C Edwards
- 3. Fellowship in Paediatrics and Young Adult Hip Surgery**  
Royal National Orthopaedic Hospital, Stanmore  
01/07/2012 to 31/03/2013 (9m)  
Supervising consultant- Mr Aresh Hashemi-Nejad

## Travelling Fellowship

1. BOTA-IOS(UK) Travelling Fellowship- with Dr Ashok Johari, Paediatric Orthopaedic Surgeon, Leelavati Hospital, Mumbai, India; for 2 weeks in Dec 2013
2. Visitation to see Diabetic Foot clinic in Milan, Italy, Mar 2019
3. Visitation to the Diabetic Foot Clinic to see Dr Enrico Brocco operate in Abano Terme, Italy, Oct 2018
4. Visitation to the Heidelberg University Hospital, May 2018

Orthopaedic Specialist Registrar Training Programme,  
Yorkshire Deanery, Leeds, UK NTN- YOR/024/014/N

**Year 6- Hull and East Yorkshire Hospitals, Hull**  
From 03/08/2011 to 30/06/2012 (11m)

**Consultant and Speciality interests-**

Mr GV Johnson- Paediatric orthopaedics and Lower limb arthroplasty

**Year 5- Hull and East Yorkshire Hospitals, Hull**

From 04/08/2010 to 02/08/2011

**Consultants and Speciality interests-**

Mr H Sharma- Limb Deformity Correction (6m)

Mr V Mishra- Foot & Ankle (6m)

**Year 4 – Leeds General Infirmary, Leeds**

From- 05/08/2009 to 03/08/2010

**Consultants and speciality interest-**

Mr A Rao- Paediatric and Adult Spine (6m)

Mr PA Templeton - Paediatric Orthopaedics (6m)

**Year 3 - Diana, Princess of Wales Hospital, Grimsby**

From- 01/09/2008 to 04/08/2009

**Consultants and speciality interest-**

Mr TK Bagga- Lower limb arthroplasty (5m)

Mr C Coapes- Hand and Upper Limb (6m)

**Year 2 -Scunthorpe and Goole District Hospitals, Scunthorpe and Goole**

From- 03/09/2007 to 31/08/2008

**Consultants and speciality interest-**

Mr IA Chambers- Lower limb arthroplasty (6m)

Mr AP Walker- Lower limb arthroplasty (6m)

**Year 1- Hull & East Yorkshire Hospitals, Hull**

From- 04/09/2006 to 02/09/2007

**Consultants and speciality interest-**

Mr N Muthukumar- Soft tissue Knee surgery (6m)

Mr CJ Shaw- Shoulder and Hip surgery (6m)

**Referees**

- **Mr Sean Symons**  
Consultant Orthopaedic Surgeon and Clinical Director Trauma & Orthopaedic Surgery  
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- **Mr Amr Fahmy**  
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