

CURRICULAM VITAE

DR. RAJA SHANMUGA KRISHNAN R, MBBS, MS, MRCS, DNB(Plastic)



PERSONAL DETAILS

Date of Birth : 19th December 1983

Marital Status : Married

Permanent Address : 13 Sivananda Colony
Tatabad , Second Street,
Coimbatore, India, 641012.

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DEGREES, DIPLOMAS AND EXAMINATIONS

- **MBBS** : Madurai Medical College (Aug 2001 –Mar 2007)
- **MS** : Madras Medical College (Mar 2008 – Apr 2011)
- **MRCS** : Royal College of Surgeons Edinburgh, UK (2011)
- **USMLE** : Completed Part 1, Part 2 CK, Part 2 CS and Step 3
- **DNB (Plastic)** : National Board of Examinations (June 2015)

CURRENT EMPLOYMENT

From August 2018

**Consultant Oncoplastic Breast Surgeon & Plastic Surgeon, Ganga Hospital,
Coimbatore, India**

SUBSPECIALISATIONS

- Oncoplastic Breast Surgery
- Aesthetic Surgery
- Rhinoplasty
- Body Contouring
- Burns
- Microsurgery
- Trauma Reconstruction

MEMBER OF THE REVIEWER BOARD OF JOURNALS

- Plastic and Reconstructive Surgery
- Plastic and Reconstructive Surgery Global Open
- Indian Journal of Plastic Surgery
- Journal of Hand and Microsurgery

PRIZES AND AWARDS

- **Second prize in Prof. R. Venkataswamy Prize for Junior Consultants, TANPAPS, 2020**
This award was given for presentation of work done by junior consultants at the State Plastic Surgery conference
- **Sengaliappan Oration, IMA Coimbatore, 2018**
Awarded to a surgeon by the Coimbatore branch of Indian Medical Association
- **Myovatec Fellowship in Plastic Surgery, 2015**
This award enabled me to spend 3 weeks at Enhance Clinics, Kolkata where I learnt hair transplantation and cosmetic surgery.
- **First Prize, Prof. S.K.Bhatnagar Quiz, Association of Plastic Surgeons of India Conference (APSICON), 2014 and 2013**
Awarded 1st prize of Rs 25,000 for two consecutive years at this annual competition open to national Plastic Surgery trainees.
- **Gold Medal in Plastic Surgery, Madras Medical College, 2014**
Achieved 1st place in this examination, conducted in Madras Medical College for all Post Graduates in Plastic Surgery throughout the state of Tamil Nadu.
- **Second Prize, Tamil Nadu and Pondicherry Association of Plastic Surgeons (TANPAPS) Quiz, 2014**

Awarded 2nd prize and Rs 3,750 in this annual competition open to regional Plastic Surgery trainees.

- **Prof.C.R.Sundararajan Best Paper Award, TANPAPS conference, 2014**
Awarded the Gold Medal for the best paper presented in the annual Tamil Nadu and Pondicherry Plastic Surgery meeting.
- **APSICON Outside Chennai Travelling Fellowship Award, 2013**
This award enabled me to spend 3 weeks at the Department of Plastic Surgery, Amritha Institute of Medical Sciences. I observed procedures in oral malignancy reconstruction, orthognathic surgery and aesthetic surgery. The award came with a bursary of Rs 15,000.
- **First Prize, Dr Edmund Lerede Chalkie Gold Medal Examination, 2011**
Achieved 1st place in this examination conducted for final year Post Graduates of General Surgery conducted by the Department of General Surgery, Madras Medical College.
- **First Prize, Intercollegiate Quiz Competition in General Surgery, 2010**
Awarded 1st prize whilst representing Madras Medical College in a competition conducted for M.S and DNB General Surgery Post Graduates in CME. Conducted by the Department of General Surgery, Christian Medical College, Vellore.
- **B Braun Medical Trust Foundation Scholarship, 2010**
Received a scholarship award of the value of Rs 40,000 for being selected as the outstanding Post Graduate interested in research in General Surgery
- **Dr Jayaseelan Mathias Oration Award, Indian Medical Association, Tamil Nadu State Branch, 2009**
I delivered the oration on 'Epidemiology of Burns at the 63rd Annual State Medical Conference of the IMA, Tiruchirapalli.
- **John Mc Comb Gold Medal in Plastic Surgery, 2006**
Achieved 1st place in this examination conducted by the Department of Plastic Surgery, Madurai Medical College for undergraduates.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Venkatramani H, **Shanmugakrishnan RR**, Kumaran MS, Sabapathy SR. Surgical debulking, lymphaticovenous anastomosis, vascularised lymph node transfer in lower limb lymphoedema. *Plast Aesthet Res* 2020;7:19.
- Rohrich RJ¹, **Shanmugakrishnan RR**, Mohan R. Rhinoplasty Refinements: Addressing the Pollybeak Deformity. *Plast Reconstr Surg.* 2020 Mar;145(3):696-699.
- Padmavathy K, **Raja Shanmuga Krishnan**, Krishnan Padma, Bhaskaran Sathyapriya. Nasal Colonization of Methicillin Resistant Staphylococcus aureus and its plausible association with infected foot ulcers in diabetic foot patients. *Indian journal of Public health Research and Development.* 2019; 10(11):182-185

- Rohrich RJ, **Shanmugakrishnan RR**, Mohan R. *Role of Fresh Frozen Cartilage in Revision Rhinoplasty*. *Plast Reconstr Surg*. 2019 Jun 13
- Loh CYY, Nizamoglu M, **Shanmugakrishnan RR**, Tan A, Brassett C, Lovett B, Tare M, El-Muttardi N. *Comparing transversus abdominus release and anterior component separation techniques in reconstructing midline hernias: A cadaveric study*. *J Plast Reconstr Aesthet Surg*. 2018 Oct;71(10):1507-1517.
- **Shanmugakrishnan RR**, Charles Yuen Yung Loh CYY, Wakure A, and El-Muttardi N. *Serial abdominal closure with Gore-tex mesh and Rives-Stoppa for an open abdomen secondary to intra-abdominal hypertension in burns*. *Indian J Plast Surg*. 2018 Sep-Dec; 51(3): 324–326
- Loh CYY, **Shanmugakrishnan RR**, Nizamoglu M, Tan A, Duarte M, Khan WU, El-Muttardi N. *Venous Congestion in Pedicled Frontal Branch Superficial Temporal Artery Flaps Reconstructions for Head and Neck Defects: A Review*. *Ann Plast Surg*. 2019;82(3):330-336
- Giladi AM, **Shanmugakrishnan RR**, Chung KC, Sabapathy SR. *Outcomes of Massive Proximal Upper Extremity Reconstruction in the Resource-Poor Setting*. *The Journal Of Hand Surgery* 2016; 41(9):S14-S15
- Giladi AM, **Shanmugakrishnan RR**, Venkatramani H, Rajasekaran S, Chung KC, Sabapathy SR. *Outcomes and Disability After Massive Proximal Upper Extremity Reconstruction in a Resource-Limited Setting*. *World Journal of Surgery* 2017 ; 41(6): 1420–34.
- Sabapathy SR, Bajantri B, Bharathi RR, Ramkumar S, **Shanmugakrishnan RR**. *“Hope after fire”: A free reconstructive surgery project for burn survivors: Making it possible and the lessons learned*. *Indian J Burns* 2015;23:3-8.
- **Shanmugakrishnan RR**, Naveenkumar V, Mahalakshmi K, Krishnan P. *Enterococcus avium – a rare cause for limb loss in a Type 2 diabetic patient*. *Int J Diabetes Dev Ctries* 2015;35(2):63-5
- Balaraman K, **Shanmugakrishnan RR**, Bharathy RR, Sabapathy SR. *Mandibular distraction in a 75 day old with severe Pierre Robin Sequence*. *Indian J Plast Surg* 2013;46(1):159-160.
- **Shanmugakrishnan RR**, Narayanan V, Thirumalaikolundusubramanian P. *Epidemiology of burns in a teaching hospital in South India*. *Indian J Plast Surg* 2008; 41: 34-37.

BOOK CHAPTERS

- Sabapathy SR, **Shanmugakrishnan RR**. Disorders of the nail. In: Kulkarni GS, Babhulkar S, editors. *Textbook of orthopaedics and trauma*. 3rd ed. Jaypee;2015. P 1840-1846.

- Sabapathy SR, **ShanmugakrishnanRR**. Hand Trauma. In: Fundamental Techniques in Plastic Surgery
- **Shanmugakrishnan RR**, Sabapathy SR. Hand Infections. In: Oxford Handbook Of Hand Surgery

Upcoming Book Chapters

- **Shanmugakrishnan RR**, Sabapathy SR. Plastic and Reconstructive Surgery. In :SAARC textbook of general Surgery

NATIONAL AND INTERNATIONAL PRESENTATIONS

- **Discussion on Cleft Rhinoplasty**
Discussed a case of Cleft rhinoplasty with Dr Rod Rohrich at Dallas Rhinoplasty online meeting, May 2020
- **Secondary rhinoplasty and fat grafting to treat facial deformity in adult patients with cleft lip nasal deformity**
Presented a free paper at TANPAPS 2020, Jan 2020
- **Use of Indocyanine Green (ICG) in Lymphoedema and base clinical decisions**
Awarded the second prize for Prof R. Venkataswamy Gold medal for junior consultants at TANPAPS 2020, Jan 2020
- **Breast Reconstruction**
Invited lecture at Sri Lankan Plastic Surgery Association, Dec 2019
- **Soft tissue coverage of the upper extremity**
Invited lecture at Sri Lankan Plastic Surgery Association, Dec 2019
- **How to apply for Fellowships**
Invited lecture at Sri Lankan Plastic Surgery Association, Dec 2019
- **Therapy for the burned hand**
Invited lecture at Sri Lankan Plastic Surgery Association, Dec 2019
- **Abdominal Flaps for the upper extremity**
Invited lecture at the Korean Annual Plastic Surgery Meeting, Nov 2019
- **Breast Reconstruction – What Indian women want**
Invited lecture at APSICON 2019, Dec 2019
- **Bilateral Breast Reconstruction by TUG flaps**
Invited lecture at APSICON 2019, Dec 2019
- **International Fellowship- Managing Logistics**
Invited lecture at APSICON 2019, Dec 2019

- **Reconstructive Surgery- International Options**
Invited lecture at APSICON 2019, Dec 2019
- **Nail pathologies in the foot and their management**
Invited lecture at DFSICON, Coimbatore, August 2019
- **What Indian women want about breast reconstruction**
Presentation at TNASICON, Courtallam, August 2019.
- **Latest Trends in Oncoplastic Breast Surgery**
Invited lecture at the Sarathchandra CME, TNASICON, Courtallam, August 2019
- **Latest Trends in Oncoplastic Breast Surgery**
Invited Lecture at Trichy ASI, July 2019.
- **Oncoplastic Breast Surgery**
Invited lecture at International College of Surgeons, Madurai,2019
- **Breast Reconstruction, Too big and too small breasts**
Paper presented at Yuva FOGSI, Coimbatore, 2019
- **Basic Suturing techniques**
Presentation done at Wellington Hospital, Conoor,2019
- **Breast Reconstruction :What do Indians want**
Presentation at TANPAPS 2019 at Mahabalipuram
- **Breast Reconstruction : What do our women want**
Presentation at BRASCON 2018 at Kochi
- **Breast Reconstruction in Indian setup**
Was part of panel discussion at BRASCON 2018 at Kochi
- **Setting up a Skin bank in a developing country**
Paper presented at ISBI, New Delhi, 2018
- **X rays, Spints and Physiotherapy**
Teaching session for post graduates at AIIMS, New Delhi , 2018
- **Factors determining decision making and outcome in Popliteal Artery Injuries**
Paper presents at TANPAPS annual conference, Tirupur, 2014.
- **Experience with peroneus brevis muscle flaps for reconstruction of distal leg and soft tissue defects**
Paper presented at APSICON annual conference, Mumbai, 2014.
- **Restoration of Supination in Birth Brachial Plexus Palsy**
Paper presented at APSICON annual conference, Mumbai, 2014.
- **Outcome of non vascularised free toe phalanx transfer for digital reconstruction in symbrachydactyly**

Paper presented at International Federation of Society Surgeons of the Hand, IFSSH-IFSHT 2013, New Delhi 2013

- **Epidemiology,treatment variables and outcomes in popliteal artery injuries among road traffic accidents**
Paper presented at World Society of Reconstructive Microsurgery annual conference, Chicago,USA, 2013.
- **Analysis of growth of transferred toe phalanges in symbrachydactyly and the functional outcome**
Paper presented at TANPAPS annual conference, Chennai, 2013.
- **Functional and Cosmetic Outcome of non Vascularised Free Toe phalanx transfer for digital reconstruction in congenital hypoplastic digits**
Paper presented at APSICON annual conference, Lucknow, 2012.
- **A Pilot Study On Plasmid Replicon Types by Polymerase Chain Reaction (PCR) based Replicon Typing of QNRB and CTX-M positive isolates of Enterobacteriaceae from Chennai, South India**
Poster presented at 23rd European Conference in Clinical Microbiology and Infectious diseases, Berlin, Germany, 2010.
- **Bacteriology of Diabetic Foot**
Paper presented at 70th Annual Conference of the Association of Surgeons of India (ASICON), All India Institute of Medical Sciences, New Delhi, 2010.
- **An Interesting Case of Malignant Melanoma**
Paper presented at South Zone ASI Conference 2010 & 34th Annual Conference of Association of Surgeons of India, Tamil Nadu & Pondicherry Chapter MAASICON, 2010.
- **An Interesting Complication of Pseudocyst of Pancreas**
Paper presented at South Zone ASI Conference & 34th Annual Conference of Association of Surgeons of India Tamil Nadu and Pondicherry Chapter, MAASICON, 2010.
- **An Interesting Case of Gallbladder Perforation**
Poster presented at ASICON annual conference, 2009.
- **Epidemiology of Burns**
Poster presented at ASICON annual conference, 2009.
- **Trichobezoar presenting as gastric perforation**
Paper presented at South Zone ASI Conference & 32nd Annual Conference of Association of Surgeons of India, Tamil Nadu & Pondicherry Chapter, 2008.

MEMBERSHIP OF PROFESSIONAL BODIES

- American Society of Plastic Surgeons (ASPS)
- International Society of Aesthetic Plastic Surgeons (ISAPS)
- Association of Surgeons of India (ASI)
- Association of Plastic Surgeons of India (APSI)
- Indian Medical Association (IMA)
- National Association of Burns of India (NABI)
- Tamil Nadu and Pondicherry Association of Plastic Surgeons (TANPAPS)
- Breast Reconstructive and Aesthetic Surgeons Association (BRASA)
- Indian Society of Surgeons of Hand (ISSH)
- Indian Association of Aesthetic Plastic Surgeons (IAAPS)
- Indian Association of Parenteral and Enteral Nutrition (IAPEN)

MEMBERSHIP IN NON PROFESSIONAL BODIES

- Rotary Club of Coimbatore Metropolis
- Young Indians (Yi)

PREVIOUS EMPLOYMENT

June 2018

Observership for Body Contouring after Massive Weight loss, New Jersey
Dr Joseph Capella

May 2018

Observership at Shriners' institute for Burns, Galveston, Texas, USA
Dr David Herndon

Jan 2018 to April 2018

Aesthetic Surgery Fellowship, Dallas, USA
Dr Rod Rohrich

July 2017 to December 2017

Burns Fellow at Broomfield Hospital, Chelmsford , UK
Prof. Peter Dziejewski, Mr Naguib El Muttardi

January 2017 to June 2017

VR Fellow in Breast Reconstruction, Broomfield Hospital, Chelmsford, UK
Prof. Venkatramakrishnan

July 2016 to December 2016

NEM Fellow in Burns, Broomfield Hospital, Chelmsford, UK
Mr Naguib El Muttardi

January 2016 to June 2016

MG/AS Fellow in Breast Reconstruction, Broomfield Hospital, Chelmsford, UK

Mr Matthew Griffiths, Ms Mary Morgan

July 2015 to December 2015

Junior Consultant in Plastic Surgery, Ganga Hospital, Coimbatore, India

Dr. Raja Sabapathy S, Dr Hari Venkatramani, Dr Ravindra Bharathi, Dr Sanjai Ramkumar,
Dr Praveen Bhardwaj

March 2012 to June 2015

Senior Surgical Registrar in Plastic Surgery, Ganga Hospital, Coimbatore, India

Dr. Raja Sabapathy S, Dr Hari Venkatramani, Dr Ravindra Bharathi, Dr Sanjai Ramkumar, Dr
Praveen Bhardwaj

November 2011 to March 2012

Junior Surgical Registrar in Plastic Surgery, Ganga Hospital, Coimbatore, India

Dr. Raja Sabapathy S, Dr Hari Venkatramani, Dr Ravindra Bharathi, Dr Sanjai Ramkumar,
Dr Praveen Bhardwaj

March 2008 to October 2011

Surgical Trainee in General Surgery, Madras Medical College

Prof. G. Sivakumar

VISITOR TO

Dr Subramaniya Iyer, Amrita Institute of Medical Sciences, Kochi

3 weeks observing head & neck reconstructions and cosmetic surgery, September 2013.

Dr Manoj Khanna, Enhance Clinics, Kolkata

3 weeks observing cosmetic surgery, November 2015

CLINICAL COURSES / QUALIFICATIONS

12/2017	Live Surgery Course, Rhinoplasty Society of Europe Istanbul, Turkey
11/2017	Winter Meeting, BAPRAS London, UK
09/2017	London Breast Meeting London, UK
03/2017	34th Annual Dallas Rhinoplasty Symposium Dallas, USA
10/2016	Emergency Management of Severe Burns Chelmsford, UK

- 07/2016 **Modern Concepts : Breast Reconstruction and Aesthetics 2016**
Coventry, UK
- 04/2016 **BAPRAS Advanced Educational Courses in Plastic Surgery Breast 2016**
Manchester, UK
- 03/2016 **Joint British Limb Reconstructive Society (BLRS) Annual Meeting/
British Association of Plastic Reconstructive and Aesthetic Surgeons
(BAPRAS)**
Liverpool , UK
- 07/2015 **IFFSH- South Asian Regional Course in Hand Surgery 2015**
Ganga hospital, Coimbatore, India
- 03/2015 **World Society Of Reconstructive Microsurgery, WSRM 2015**
Mumbai, India
- 02/2015 **Tutorials in Plastic and Reconstructive Surgery, APLAST 2015**
Amritha Institute of Medical Sciences, Kochi
- 10/2014 **49th Annual Conference of Plastic Surgeons of India, APSICON 2014**
PGI Chandigarh, India
- 02/2014 **13th Annual Conference of the Tamil Nadu and Pondicherry Association
of Plastic Surgeons, TANPAPS 2014**
Tirupur, India..
- 11/2013 **48th Annual Conference of Plastic Surgeons of India, APSICON 2013**
Hyatt Hotel ,Mumbai ,India
- 10/2013 **AOCMF Principles in Craniomaxillofacial Fracture Management**
New Delhi
- 10/2013 **CME on Thesis Research and Protocol Writing**
Southern Railway Hospital ,Chennai
- 07/2013 **World Society Of Reconstructive Microsurgery, WSRM 2013**
Chicago, USA
- 03/2013 **12th Triennial Congress of the IFSSH & 9th Triennial Congress of the
IFSHT**
Greater Noida, New Delhi, India
- 02/2013 **12th Annual Conference of the Tamil Nadu and Pondicherry Association
of Plastic Surgeons, TANPAPS 2014,**
Chennai.
- 11/2012 **47th Annual Conference of Plastic Surgeons of India, APSICON 2012**
Lucknow, India

- 09/2012 **Ganga Hospital Microsurgery Course,**
Ganga Microsurgery Training Institute, Coimbatore, India
- 04/2012 **APSI-APSICON 2005- Ethicon accredited Post-graduate course on
Basics In Plastic Surgery**
Department of Plastic Surgery, Medical College, Baroda, India
- 02/2012 **20th National Conference of National Academy of Burns- India, NABICON
2012**
Department of Burns, Plastic and Maxillofacial Surgery, VMMC & Safdarjung
Hospital, New Delhi
- 07/2011 **The 2nd Post graduate Surgical Course, RCS Ed**
Colombo South Teaching Hospital, Sri Lanka
- 07/2011 **GH- GASTRO Update 2011**
Department of Surgical Gastroenterology, Madras Medical College, Chennai.
- 01/2011 **Medical Writing Course**
Ethicon Institute of Surgical Education , Chennai
- 12/2010 **70th Annual Conference of Association of Surgeons of India, ASICON
2010 All India Institute of Medical Sciences, AIIMS**
New Delhi , India
- 12/2010 **Continuing Medical Education Programme In General Surgery**
Department of General Surgery, Christian Medical College , Vellore
- 11/2010 **Prof.B.Hanumaiah Memorial National Continuing Surgical Education**
Bangalore Medical College & Research Institute, Bangalore
- 11/2010 **The Apollo Surgical Course ,**
Apollo Hospitals, Chennai
- 08/2010 **South Zone ASI & 34th Annual Conference of ASI, T.N & P Chapter**
Madurai Medical College, Madurai
- 12/2009 **69th Annual Conference of Association of Surgeons of India, ASICON
2009**
Coimbatore
- 01/2009 **MMC CME 2009,**
Department of General Surgery, Madras Medical College, Chennai
- 08/2008 **32nd Annual Conference of Tamil Nadu & Pondicherry Chapter
Association of Surgeons of India , Chennai**

09/2007 **Comprehensive Trauma Life Support, International Trauma Anaesthesia
& Critical Care Society**
Ganga Hospital , Coimbatore

08/2006 **Ethicon Resident Training Program**
Ethicon Institute of Surgical Education, Chennai ,India

RESEARCH EXPERIENCE

Outcome Analysis of Complex Proximal Upper Limb Injury Patients **Ganga Hospital, Coimbatore, 2012-14**

I examined the outcome of patients with complex upper limb injuries, including injuries to major vessels and nerves using a range of subjective and objective outcome measures. This project was done in collaboration with Dr Kevin Chung, University of Michigan, USA .

Bacteriology of Diabetic Foot Madras Medical College, 2008-2011

I conducted a research project studying the bacterial colonisation of 100 consecutive patients admitted to the diabetic foot ward. By examining the microbiological swab results from the wounds and noses of these patients, I was able to determine the most common pathogens encountered, their antibiotic sensitivities and most appropriate treatment regimes.

OTHER INTERESTS

I like spending time with my family and friends. I like taking long walks, cycling and I also enjoy travelling

REFEREES

Prof. Venkatramakrishnan

Consultant Plastic Surgeon
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Chelmsford, UK
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