

Maria Rydevik Mani, MD, PhD
Department of Plastic and Reconstructive Surgery
Uppsala University Hospital
751 85 Uppsala, Sweden

Curriculum Vitae

NAME: Maria Rydevik Mani
DATE OF BIRTH: November 11th 1974
CITIZENSHIP: Swedish
CURRENT POSITION: Consultant Plastic and Reconstructive Surgeon

Associate Professor and Senior Lecturer in Plastic and Reconstructive Surgery

Director of Microsurgery
Department of Plastic and Reconstructive Surgery
Uppsala University Hospital, Uppsala, Sweden

RESEARCH: Research group leader and mentor of three PhD students and member of the Research and Development Committee of the Department

ONGOING RESEARCH WITHIN BRESTRECONSTRUCTION, LYMPHOEDEMA AND CLEFT-, LIP AND PALATE

FORMER EMPLOYMENTS

- Director of Specialized Training, Plastic Surgery, Department of Plastic and Reconstructive Surgery, Uppsala University Hospital 2015-2018
- Locum Chief of Department, Department of Plastic and Reconstructive Surgery, Uppsala University Hospital Jan – Feb 2016.
- Microsurgical Fellow, Charing Cross Hospital, London 2012
- Wellington Aesthetic Fellowship, Wellington Hospital, London 2012
- Honouree Fellow: Royal Brompton Hospital, London 2011-12 (parallel employment to below)
- Microsurgical Fellowship and post-doc research studies: Royal Marsden Hospital, London, 2011-12
- Specialist Plastic Surgeon (Junior Consultant), Uppsala University Hospital, Oct 2009- July 2010
- Plastic Surgery registrar training, Uppsala University Hospital March 2004 - Sept 2009

HIGHER PROFESSIONAL AND UNIVERSITY QUALIFICATIONS

- Associate Professor in Plastic and Reconstructive surgery, Uppsala university 2018 and Senior Lecturer position since 2019
- Specialist in Plastic and Reconstructive Surgery, registered with the Swedish board of health and welfare, September 2009 and with the British General Medical Council Specialist Register (GMC) in 2010 (for GMC paying member until 2013).
- Doctor of Philosophy (PhD) in Plastic and Reconstructive surgery, Uppsala university 2010
- Pedagogics of Higher Educational Training - Part time compulsory courses as part of career to apply for associate professorship at Uppsala University, 2015
- Registered medical practitioner, December 2002, Sweden
- Medical Degree, Lund University, Faculty of Medicine, Sweden, Jan 2001
Exchange period during medical studies: Pediatrics at Université Paris V, Paris
- Lund Biomedical School of Research, Lund university: one year full-time research education and full-board scholarship Feb 1997 - Jan 1998
- Studies in clinical pedagogics, business and leadership, social sciences and languages (French and Spanish) at Lund university, Uppsala university, Bordeaux university and in Guatemala, 1995-2015

TEACHING EXPERIENCE

- Director of the Nordic course on trauma and wound (a one-week international post-graduate course in plastic surgical management of trauma and wound) in 2018 and 2019
- Organising committee and teacher at the Scandinavian Flap course Uppsala 2013, 2014 and 2015
- Organising committee of Scandinavian Plastic Surgery Meeting (SCAPLAS)
- Organiser Workshop “Efficiency in microsurgical breast reconstruction” – invited speakers Stefan Hofer and Venkat Ramakrishnan, SCAPLAS June 2016
- Medical and scientific expert of the webbased homestudy course in plastic and reconstructive surgery 2015- ongoing
- Faculty Facial Reconstruction Course, Uppsala and Vienna, 2016 and 2019
- Invited faculty at “National Oncoplastic Course”; talks and interactive teaching sessions on autologous breast reconstructions, choice of reconstructive method, tips and tricks etc. 2016
- Invited speaker at National politicians and stakeholders meeting – “What will future of breastcancer care in Sweden look like?”, Stockholm, 2016
- Invited faculty at Sahlgrenska Breast Reconstructive Symposium Gothenburg (2015)
- Invited speaker at National State of The Art Breast Cancer meeting, 2014 Stockholm (Immediate reconstructions), 2016 Umeå (Prophylactic mastectomies and reconstructions) and 2018 Gothenburg (Microsurgery and Lymphoedema)
- Organiser of Breast Reconstruction Awareness day, Uppsala 2016, 2017, 2018 and 2019
- Invited faculty at national Trauma Academy for orthopaedics, Stockholm, 2016
- Invited faculty at national course on Infections in orthopaedics, Krusenbergska 2016
- Lecturer and organiser at ABC meeting (multidisciplinary for specialities involved in breastcancer treatment at Uppsala Hospital as well as patient representatives) 2013

- Co-responsibility of the teaching programme, including examination, of medical students in plastic surgery 2006 – 2009 and 2012-2014
- Faculty at International course on oncoplastic surgery, Royal College of Surgeons, London, 2011
- Lecturer and tutor for medical students and registrars, Surgery and Plastic surgery, Sept 2003 – ongoing
- Supervisor of medical students and nursing students research projects and master programmes (more than 15 since 2008).
- Regular lecturer during Junior House Officers introduction programme; “Burn care”, 2006 - 2010
- Lecturer at the orthopaedic department and orthopaedic national meetings; “Soft tissue trauma”, 2008, 2009 and 2015
- Author and co-author of medical information internet-site for doctors: internetmecicin.com. Subheadings; “Craniofacial trauma”, “Soft tissue injuries of the face” and “Cleft lip and palate”
- Assistant teacher, Department of Pathology, Lund University, Feb 1997 - Dec 1999

SCIENTIFIC RESEARCH

RESEARCH PROJECTS

Ongoing

Breastreconstruction: quality of life, risk factors, resource management, long term outcome and development of surgical techniques

- **National study (Swedish Breast Reconstruction Outcome Study, SweBRO) initiator and director.** National study of 6000 women longterm post-mastectomy. Collaboration between all Medical Universities and healthcare regions of Sweden. Granted around 100 000 Euro. PhD student Rojda Gumuscu and Post-doc Dr Unukovych.
- **Prospective local and national projects on breastreconstruction outcome and riskfactors.** Granted around 40 000 Euro. PhD-student; Andreas Svee.

Lymphoedema

- **Initiator and senior PI of the LyNT study (Lymph Node Transfer Study).** Prospective, single blinded Randomised trial on breast cancer associated lymphoedema comparing scarrelease only to scarrelease and lymphnode transfer. Granted around 50 000 Euro. PhD-student Tinna Arnadottir
- **National PI for Herantis (Lymfactin study - <https://lymfactin.se>)** – initiated from Finland and the Anne Saariko group. Multicenter collaboration where national PI is at Uppsala. Karolinska in Stockholm recruits as second Swedish center for this Phase II prospective, double blind study on lymphatic growth factors in lymphnodetransfer surgery for patients with post breastcancer lymphoedema. Research Assistant Anna Nilsson
- **Initiator of study on Perioperative findings during lymphaticovenous anastomosis (LVA) and correlation to postoperative outcomes in lymphoedema treatment.** Collaboration with centers in the Netherlands (Maastrichts and Nijmegen) and England (London).
- **Genetics and regulatory factors in lymphoedema.** Collaboration with department of immunology, genetics and pathology – vascular biology and Ass Prof Taija Mäkinen

Cleft-, lip- and palate

- **Long-term follow-up of adults treated for UCLP** concerning nasal form and function, speech, aesthetics and quality of life. PhD student; Dr Roshan Peroz and post-doc Staffan Morén

Translational studies

- **Collaboation with Microsure, Maastricht, the Netherlands on Robot Assisted Microsurgery.** Two separate projects; 1) Setting up a robot assisted lympoedema service and 2) robot assisted supramicrosurgery
- **Clinical collaborator for LifeSec – life-security project – a translational project on data security networks in human beings.** Collaboration with Thiemo Voigt and Robin Augustin at Uppsala university. Granted totally 2.4 million Euros of which 140 000 Euros is allocated the clinical part. Research student Christoffer Cederland
- **Perivascular fat and its influence on microvascular flaps.** Collaboration with department of biomedicine, Ass Prof Malou Friedrichessen, Uppsala University.

GRANTS

- Gullstrands's position starting 2019 (parttime research position over a period of 5 years)
- Strategiska stiftelsen för forskning (SSF) as co-applicant with Professor Voigt for the LifeSec project 2018
- Swedish Society of Medicine 2007, 2016 and 2018
- The National Breastcancer Fund 2014, 2016 and 2017
- Makarna Eriksson och strömbergs funds 2015 and 2018
- Regional Research funds 2010-2016
- Junior research grant, Uppsala Universty 2011
- Research and Educational funds from Uppsala University Hospital 2006 – 2010
- Swedish Medical Associations' research grant, 2005-2008

PUBLICATIONS

1. Svee A, Mani M, Sandquist K, Audolfsson T, Folkvaljon Y, Isern AE, Ringberg A, J. Manjer A, Falk-Delgado A, and F. Wärnberg. Survival and Risk of Breast Cancer Recurrence after Breast Reconstruction with Deep Inferior Epigastric Perforator Flap. Br J Surg. 2018 Oct;105(11):1446-1453.
2. Liu T, Freijs C, Feinbaum A, Acosta R, Liss A, Rodriguez A, Mani M. What Happens to Patients with Free Abdominal-based Autologous Breast Reconstruction? A Twelve-year Aesthetic Outcome and Quality of Life Study. J Plast Reconstr Aesthet Surg 2018 Sep;71(9):1301-1309
3. Parmenion P, Marklund N, Salci K, Holtz A, Mani M. Management of symptomatic sacral perineural cysts with microsurgery and a vascularized fasciocutaneous flap. J Spine Surg (in press)

4. Morén S, Lindestad PÅ, Holmström M, Mani M Voice Quality in Adults Treated for Unilateral Cleft Lip and Palate: Long-Term Follow-Up After One- or Two-Stage Palate Repair. *Cleft Palate Craniofac J.* 2018 Sep;55(8):1103-111
5. Winters Z, Afzal M, Rutherford C, Holzner B, Rumpold G, Vieira R, Hartup S, Flitcroft K, Bjelic-radisic V, Oberguggenberger A, Panouilleres M, Rydevik Mani M, Catanuto G, Douek M, Kokan J, Sinai P, King M. International validation of the European Organization for Research and Treatment of Cancer (EORTC) quality of life questionnaire (QLQ) for women undergoing breast reconstruction: the QLQ-BRECON23. *British Journal of Surgery Br J Surg.* 2018 Feb;105(3):209-222
6. Mani M, Saour S, Ramsey K, Power K, Harris P, James S. Bilateral Breast Reconstruction with Deep Inferior Epigastric Perforator Flaps in Slim Patients. *Microsurgery* 2018 Feb;38(2):143-150
7. Roshan P, Holmström M, Mani M. Can objective measurements of nasal form and function represent the clinical picture in unilateral cleft lip and palate? *J Plast Reconstr Aesthet Surg.* 2017 May;70(5):653-658
8. Cali-Cassi L, Rozen S, Mani M, Audolfsson T, Gangadasu R, Rodrigues-Lorenzo A, The Anatomical Basis of the Lumbar Artery Perforator Flap: A Cadaveric and Computer Tomography Angiogram Study. *Accepted Clinics in Surgery* (Dec 2016)
9. Cristóbal L, Linder S, Lopez B, Mani M, Rodríguez-Lorenzo A. Free Anterolateral Thigh Flap and Masseter Nerve Transfer for Reconstruction of Extensive Periauricular Defects: Surgical Technique and Clinical Outcomes. *Microsurgery.* 2017 Sep;37(6):479-486
10. Unukovych D, Gallego CH, Aineskog H, Rodríguez-Lorenzo A, Mani M Predictors of Reoperations in Deep Inferior Epigastric Perforator Flap Breast Reconstruction. *Plast Reconstr Surg Glob Open.* 2016 Aug 29;4(8):e1016.
11. Morén S, Mani M, Lilian S, Lindestad PÅ, Holmström M. Speech in Adults Treated for Unilateral Cleft Lip and Palate: Long-Term Follow-Up After One- or Two-Stage Palate Repair. *Cleft Palate Craniofac J.* 2017 Nov;54(6):639-649
12. Gösseringer N, Mani M, Cali-Cassi L, Papadopoulou A, Rodríguez-Lorenzo A. Benefits of two or more senior microsurgeons operating simultaneously in microsurgical breast reconstruction: Experience in a swedish medical center. *Microsurgery.* 2017 Jul;37(5):416-420
13. Coelho R, Ekberg T, Svensson M, Mani M, Rodríguez-Lorenzo A. Reconstruction of late esophagus perforation after anterior cervical spine fusion with an adipofascial anterolateral thigh free flap: Surgical Technique and Case Report. *Microsurgery* (Feb 2017)
14. Keijser K1, Nowinski D1, Mani M1 Photographic Measurements Partially Correlate to Nasal Function and Appearance among Adult Cleft Patients. *Plast Reconstr Surg Glob Open.* 2016 May 26;4(5):e720.
15. Mani M, Wang T, Harris P, James S. Breast Reconstruction with the Deep Inferior Epigastric Perforator Flap is a Reliable Alternative in Slim Patients. *Microsurgery.* 2016 Oct;36(7):552-558.
16. Horna-Strand A, Rubertsson S, Huss F, Mani M. Epidermal exfoliation of over 95% after a burn in an 18-month-old boy: Case report and review of the literature. *Burns.* 2016 Jan 20.

17. Jansson D, Audolfsson T, Mani M, Rodriguez-Lorenzo A. Use of pedicled fillet foot flap for knee preservation in severe lower extremity trauma. Accepted in Case Reports in Plastic Surgery and Hand Surgery (Sept 20, 2015)
18. Rodriguez-Lorenzo A, Mani M, Thor A, Gudjonsson O, Marklund N, Olerud C, Ekberg T. Fibula osteo-adipofascial flap for reconstruction of a cervical spine and posterior pharyngeal wall defect. *Microsurgery*. 2014 May;34(4):314-8
19. Morén S, Mani M, Lundberg K, Holmström M. Nasal Symptoms and Clinical Findings in Adult Patients Treated for Unilateral Cleft Lip and Palate. *J Plast Surg Hand Surg*: 2013 Oct;47(5):383-9.
20. Mani M, Reiser E, Andlin-Sobocki A, Skoog V, Holmström M. Factors related to quality of life and satisfaction with nasal appearance in patients treated for unilateral cleft lip and palate. *Cleft Palate Craniofac J*. 2013 Jul;50(4):432-9
21. Reiser E, Andlin-Sobocki A, Mani M, Holmström M. Cleft size does not correlate with nasal airway size and function in adults with unilateral cleft lip and palate. *J Plast Surg Hand Surg* 2011;45(3):129-35
22. Mani M, Morén S, Thorvardsson O, Jakobsson O, Skoog V, Holmstrom M. EDITOR'S CHOICE: Objective assessment of the nasal airway in unilateral cleft lip and palate--a long-term study. *Cleft Palate Craniofac J*. 2010; 47:217-224
23. Mani M, Carlsson M, Marcusson A. EDITOR'S CHOICE: Quality of life varies with gender and age among adults treated for unilateral cleft lip and palate. *Cleft Palate Craniofac J* 2010; 47:491-498.
24. Mani M, Semb G, Andlin-Sobocki A. Nasolabial appearance in adults with repaired unilateral cleft lip and palate: relation between professional and lay rating and patients' satisfaction. *J Plast Surg Hand Surg*; 2010; 44, 191-198
25. Rydevik Mani M, Bergström M, Mitts C, Danielsen N: Locally applied collagenase and regeneration of transected and repaired rat sciatic nerves. *Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery*, 2002; 36, 193-196

BOOKCHAPTERS AND GUIDELINES

“Franssons kirurgi” (*Franssons book on surgery*). Main book for medical students in Sweden. Author of chapter on plastic surgery to be published in 2020

Co-author of National guidelines for breastreconstruction within the guidelines for breastcancer care in Swedish (Nationella Vårdprogrammet)

INVITED SPEAKER CONFERENCES AND COURSES IN PLASTIC AND RECONSTRUCTIVE SURGERY

CONFERENCES (SELECTED)

- WSRM (World Society on Reconstructive Microsurgery) Korea 2017, Bologna 2019
- National Microsurgery meeting, Sweden 2017 and 2018
- National plastic surgery meeting, Sweden 2016, 2017, 2018 and 2019
- Chang Gung-Mayo microsurgical meeting, Taiwan 2015
- GABRS (global association of breast reconstruction strategies) – Norway 2018

FELLOWSHIP/EXCHANGES

Queen Victoria Hospital - East Greenstead (TC Teo) – clinical visitor, Apr 2009

Plastic Surgery Department Karolinska University Hospital (M Beausang-Linder), Stockholm, 2004

Sahlgrenska University Hospital, Gothenburg – craniofacial and cleft surgery (Lauritzon and Lilja), Febr 2007

MANAGEMENT EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

- Director of Microsurgery Department of Plastic and Reconstructive Surgery, Uppsala University Hospital – responsible for research, development, education and health care production 2016 - ongoing.
- Director of Breastreconstruction unit, Department of Plastic and Reconstructive Surgery, Uppsala University Hospital – responsible for research, development, education and health care production 2013 - ongoing.
- Head of national committee on breastreconstruction in Sweden 2019-ongoing (SweBREC)
- Head of Recruitment and physician time planning at the Department of Plastic and Reconstructive Surgery, Uppsala 2013-2015
- Secretary General and Board member of Swedish Association of Plastic Surgeons, 2013- ongoing
- Accountant of Swedish Microsurgical Association 2013-ongoing
- Elected representative of the plastic surgery specialty at the Swedish Breast Cancer Group (SweBCG) – Committee that develops national guidelines and is a platform for national research and educational work (2014 – ongoing)
- Leadership training program at Uppsala Regional County “Leaders of the Future” 2013
- Responsible for rota and internal education programme at the Department of Plastic and Reconstructive Surgery, Royal Marsden Hospital 2010-2011
- Director of the plastic surgical ward and out-patient clinic and member of the executive board of the department of plastic and reconstructive surgery at Uppsala University Hospital, 2009-2010
- Organiser of the clinical audit meetings at the Department of Plastic and Reconstructive surgery, Uppsala University Hospital, 2004 - 2009
- Member of Soft-tissue trauma management group Uppsala University Hospital, 2008
- Leadership Training Programme for Young Potentials at Uppsala University Hospital 2005-2007
- Project manager: process development of the junior-registrar rotations

- Organiser of the on-call rota and clinical rotations for junior registrars in pediatric surgery, Karolinska Hospital, Stockholm 2002-2003...
- Director of the Standing Committee on Reproductive Health including AIDS (SCORA), of the International Federation of Medical Students Associations (IFMSA), 1997-1998; for more information: www.ifmsa.org
- Advisory consultant, WHO-meeting on AIDS, Geneva, Nov 1997
- Leadership training courses for medical students 1997-1998
- Aerobics and spinning instructor, 1994-2010

MEMBERSHIPS

- EURAPS – elected member
- Swedish Breast cancer group (elected member)
- Swedish Association of Plastic Surgeons (previous Board member, current past board member committee)
- Swedish Association of Microsurgery (Accountant)
- Swedish Medical Association
- Swedish Society for Plastic Surgery
- Swedish Society for Microsurgery

STIPENDS AND AWARDS

- The Samuel Berkowitz, Long-Term Outcomes Study Award – best long-term study of the year 2013, American Cleft Palate-Craniofacial Association (ACPA)
- Owen Cole Scholarship Award– Best abstract presentation of the Cleft meeting 2009, Fortaleza, Brazil
- Dr Cassio M. Raposo do Amaral Award – Best junior investigation presented at the Cleft meeting 2009, Fortaleza, Brazil
- Uppsala University research scholarship for doctoral studies, 2006-2009
- Thuréus foundation scholarship for research in Plastic and Reconstructive surgery, 2006
- Sigurd and Elsa Golje's foundation research stipend for doctoral studies, 2006-2008

LANGUAGES

Fluent in Swedish, English and French. Good German and Spanish. Limited Persian.