

Curriculum Vitae

PD Dr. med. Jian Farhadi

Specialist in Plastic, Reconstructive and Aesthetic Surgery FMH, EBOPRAS

Consultant and Director

Department of Plastic & Reconstructive Surgery
St Thomas` Hospital
Westminster Bridge Road
London SE1 7EH, UK

Current Appointments

- 12/2013 Faculty of the International School of Microsurgery
- 11/2011 R&D Lead of Plastic Surgery, ENT, Orthopaedic and Emergency
- 11/2010 Trustee of BRA Foundation
Charity to raise awareness on options in breast Reconstruction
- 02/2007 Reader at the University of Basel, Switzerland

Habilitation

02/2007 University of Basel, Switzerland

MD Thesis

07/2000 University of Basel, Switzerland
Thesis: „Validation of a new classification for patellar fractures“.

Qualifications

01/2005 Specialist in Plastic, Reconstructive and Aesthetic Surgery FMH Switzerland

11/2003 European Board of Plastic, Reconstructive and Aesthetic Surgery EBOPRAS

10/1998 Swiss Basic Surgical Board Examination

11/1995 Qualification as Physician
Swiss Federal Office of Public Health

Certification

10/2005 Entry into GMC Specialist Register UK
(Plastic Surgery)
GMC Registration no: 6132241

Learned Societies

Swiss Association of Plastic, Reconstructive and Aesthetic Surgery SGPRAC

British Association of Plastic Reconstructive and Aesthetic Surgeons BAPRAS

European Association of Plastic Surgeons EURAPS

Swiss Society for Senology

Deutschsprachigen Arbeitsgemeinschaft für Mikrochirurgie der peripheren Nerven und Gefässe DAM

TRAINING

Consultant 05/07-11/08 Locum Consultant for Breast Reconstruction
Department of Plastic Surgery
St. Thomas' Hospital, London, UK

Fellowship 05/06-05/07 Fellow in Reconstructive Microsurgery
St. Thomas' Hospital, London, UK

01/05- 05/06 Junior Consultant
Department of Plastic Surgery
University Hospital Basel, Switzerland

General Plastic Surgery

10/04-12/04 Registrar
Department of Anaesthesia
County Hospital of Liestal, Switzerland

05/04-10/04 Specialist Registrar
Swiss Paraplegic Center
Nottwil, Switzerland

01/02- 01/05 Specialist Registrar
Department of Plastic Surgery
University Hospital Basel, Switzerland

Research

01/01- 01/02 Research Fellow
Tissue Engineering Group
University Hospital Basel, Switzerland

04/99- 08/00 Research Fellow
Yale University School of Medicine
GI Surgical Pathobiology Research Group
New Haven, CT, USA

Basic Surgical Training

08/00- 01/01 Registrar
Department of Surgery
University Hospital Basel, Switzerland

06/97- 04/99 Registrar
Department of Visceral and
Transplantation Surgery
University Hospital of Berne, Switzerland

01/96- 06/97 Registrar
Department of General Surgery
County Hospital of Burgdorf, Switzerland

Medical Education:

11/1995 Qualification as Physician
Swiss Federal Office of Public Health

1992 – 1993 University Pitié-Salpêtrière Paris
1989 – 1995 Medical Faculty University of Basel,
Switzerland

RESEARCH

a) Translational Research: Heat preconditioning of skin flaps

Mastectomy skin flap necrosis is an important complication when immediate breast reconstruction has been performed. Heat preconditioning of the skin has been shown in animal models to reduce skin flap necrosis. In this prospective, randomized study patients undergoing a skin sparing mastectomy are asked to heat their breast 24 hours prior to surgery in order to increase heat shock protein and hence reduce skin flap necrosis.

b) Pre – and intraoperative planning of perforator flaps

The main focus is on virtual planning of perforator flaps. This work is established with the King's College London, Division of medical imaging. Next to identification of dominant perforator and intramuscular course, the perfusion zone is marked out by a video laser doppler intraoperatively. With the aid of this work autologous breast reconstruction should be able to be performed with more safety and speed.

c) The use of acellular dermal matrix in breast reconstruction

The aim of this project is to understand the risk and benefits of the use of acellular dermal matrix with an implant in breast reconstruction

d) The impact of radiotherapy on breast reconstruction

Radiotherapy post implant or autologous breast reconstruction is still controversial. In a series of studies we aim to evaluate the impact of new advances in radiotherapy on breast reconstruction.

e) Internal bra technique for breast reduction and mastopexy

The use of the ORBIX device and of Seri in breast reduction and mastopexy to gain longevity.

f) Immediate restoration of lymphatic at the time of axillary clearance

By performing an immediate lymphovenous bypass in the axilla the potential development of lymphedema post axillary clearance should be avoided.

Awards

- 2007 Dirk Schaefer Research Prize:
Precultivation of Engineered Human Nasal
Cartilage enhances the mechanical
properties relevant for use in facial
reconstructive surgery.
- 2005 Medidaprix Finalist:
Blended Learning as a tool in teaching
basic surgical skills to undergraduate
students
- 2003 Research Prize of Swiss Society in Plastic,
Reconstructive and Aesthetic Surgery: "Cell
Yield, proliferation, post-expansion
differentiation capacity and growth factor
responsiveness of human ear, nasal and rib
chondrocytes"
- 2003 Prize of Swiss Society for Clinical
Nutrition: "Preoperative immunonutrition
suppresses endotoxemia during major
abdominal surgery: a randomized
controlled trial"
- 2001 Grand Global Award for craftsmanship:
(as Co-Author)
A History of Gastroenterology at the
Millennium

Publication

1. Lardi A, Ho-Asjoe M, Mohanna P, **Farhadi J**. Immediate breast reconstruction with acellular dermal matrix: factors affecting outcome. Accepted in **JPRAS**
2. Fulco I, Miot S, Haug MD, Barbero A, Wixmerten A, Feliciano S, Wolf F, Jundt G, Marsano A, **Farhadi J**, Heberer M, Jakob M, Schaefer DJ, Martin. Engineered autologous cartilage tissue for nasal reconstruction after tumour resection: an observational first-in-human trial. **Lancet**. 2014 Apr 9. pii: S0140-6736(14)60544-4
3. Mehta S, Rolph R, Cornelius V, Harder Y, **Farhadi J**. Local heat preconditioning in skin sparing mastectomy: A pilot study. **J Plast Reconstr Aesthet Surg**. 2013 Sep 4.
4. **Farhadi J**, Lardi A. Sofortrekonstruktion der Brust nach Mastektomie. **Schweiz Med Forum** 2013;13(05):85-88
5. Andree C, **Farhadi J**, Goossens D, Masia J, Sarfati I, Germann G, Macmillan RD, Scheflan M, Van Not HP, Catanuto G, Nava MB. A position statement on optimizing the role of oncoplastic breast surgery. **Eplasty**. 2012;12:e40. Epub 2012 Aug 23
6. Mohanna P, **Farhadi J**. A Method of Preoperatively Assessing the Volume of Abdominal Tissue Available for an Autologous Breast Reconstruction. **Plastic and Reconstructive Surgery** 129(4):756e-757e, April 2012 IF2.6
7. Güven S, Karagianni M, Schwalbe M, Schreiner S, **Farhadi J**, Bula S, Bieback K, Martin I Phd, Scherberich A. Validation of an automated procedure to isolate human adipose tissue-derived cells by using the Sepax® technology. **Tissue Eng Part C Methods**. 2012 Feb 29. IF4.6
8. Fentiman IS, **Farhadi J**. Breast reconstruction: à la carte not table d'hôte. **Cancer Treat Rev**. 2011 Nov 22. IF6.8
9. Begum S, Grunfeld EA, Ho-Asjoe M, **Farhadi J**. An exploration of patient decision-making for autologous breast reconstructive surgery following a mastectomy. **Patient Educ Couns**. 2011 Jul;84(1):105-10. Epub 2010 Aug 4 IF 2.23
10. Davies K, Allan L, Roblin P, Ross D, **Farhadi J**. Factors affecting post-operative complications following skin sparing mastectomy with immediate breast reconstruction. **Breast**. 2011 Feb;20(1):21-5. Epub 2010 Jul 8 IF2.0
11. Zweifel-Schlatter M, Darhouse N, Roblin P, Ross D, Zweifel M, **Farhadi J**. Immediate microvascular breast reconstruction after neoadjuvant chemotherapy: complication rates and effect on start of adjuvant treatment. **Ann Surg Oncol**. 2010 Nov;17(11):2945-50. Epub 2010 Jun 29 IF4.2
12. Mehta S, **Farhadi J**, Atrey A. A review of litigation in plastic surgery in England, Lessons learned. **J Plast Reconstr Aesthet Surg**. 2010 Oct;63(10):1747-8. Epub 2010 Mar 30 IF1.66

13. Erba P, **Farhadi J**, Schaefer DJ, Pierer G. Fat embolism syndrome after combined aesthetic surgery.
J Plast Surg Hand Surg. 2011 Feb;45(1):51-3. Epub 2010 Feb 17
14. Wolf F, Candrian C, Wendt D, **Farhadi J**, Heberer M, Martin I, Barbero A. Cartilage tissue engineering using pre-aggregated human articular chondrocytes.
Eur Cell Mater. 2008 Dec 19; 16:92-9 IF9.56
15. Rieger UM, Pierer K, **Farhadi J**, Lehmann T, Röers B, Pierer G. Effective acquisition of basic surgical techniques through Blended Learning.
Chirurg 2008 Nov 13 IF0.68
16. Wettstein R, Erba P, **Farhadi J**, Kalbermatten DF, Arnold A, Haug M, Pierer G. Incomplete excision of basal cell carcinoma in the subunits of the nose.
Scand J Plast Reconstr Surg Hand Surg. 2008;42(2):92-5 IF0.53
17. Wolf F, Haug M, **Farhadi J**, Candrian C, Martin I, Barbero A. A low percentage of autologous serum can replace bovine serum to engineer human nasal cartilage.
Eur Cell Mater. 2008 Feb 5;15:1-10 IF9.56
18. Candrian C, Vonwil D, Barbero A, Bonacina E, Miot S, **Farhadi J**, Wirz D, Dickinson S, Hollander A, Jakob M, Li Z, Alini M, Heberer M, Martin I. Engineered cartilage generated by nasal chondrocytes is responsive to physical forces resembling joint loading.
Arthritis Rheumatism 2008 Jan;58(1):197-208 IF7.7
19. Erba P, **Farhadi J**, Wettstein R, Arnold A, Harr T, Pierer G. Morphoeic basal cell carcinoma of the face.
Scand J Plast Reconstr Surg Hand Surg. 2007;41(4):184-8 IF0.53
20. **Farhadi J** and Pierer G. Breast reconstruction with flaps from the lower abdomen.
European Surgery 2007 Volume 39, Number 4;216-226 IF0.53
21. **Farhadi J**. From Halsted to Morrison: The evolution in reconstruction of the female breast.
Praxis. 2007 Sep 12;96(37):1373-8. Review
22. Rieger UM, Gugger CY, **Farhadi J**, Heider I, Andersen R, Pierer G, Scheufler O. Prognostic Factors in Necrotizing Fasciitis and Myositis: Analysis of 16 Consecutive Cases at a Single Institution in Switzerland.
Ann Plast Surg. 2007 May;58(5):523-530. IF1.2
23. Braccini A, Wendt D, **Farhadi J**, Schaeren St, Heberer M, Martin I. The osteoinductivity of implanted engineered bone constructs is related to the density of clonogenic bone marrow stromal cells.
J Tissue Eng Regen Med. 2007 Jan-Feb;1(1):60-5 IF3.53
24. Giger U, **Farhadi J**, Berger D, Hüsler J, Krähenbühl S, Schneider H, Krähenbühl L. Preoperative immunonutrition suppresses perioperative inflammatory response in patients with major abdominal surgery – a randomized controlled pilot study.
Annals of Surgical Oncology 2007 Oct;14(10):2798-806. Epub 2007 Jul 15 IF2.42

25. Scherberich A, Galli R, Jaquier C, **Farhadi J**, Martin I. 3D perfusion culture of adipose tissue-derived endothelial and osteoblastic progenitors generates osteogenic constructs with intrinsic vascularization potentials. **Stem Cells**. 2007 Apr 20 IF7.87
26. **Farhadi J**, Valderrabano V, Kunz C, Kern R, Hintermann B, Pierer G. Free Fibula Donor-Site Morbidity: Clinical and Biomechanical Analysis. **Annals of Plastic Surgery** 2007 Apr;58(4):405-410. IF1.2
27. Grogan S, Barbero A, Diaz-Romero J, Cleton-Jansen AM, Soeder S, Whiside R, Hogemdoorn PCW, **Farhadi J**, Aigner , Martin I, Mainil-Verlet P. Identification of markers to characterize and sort human articular chondrocytes with enhanced chondrogenic capacity. **Arthritis & Rheumatism** 2007 Feb;56(2):586-95. IF7.7
28. **Farhadi J**, Fulco I, Miot S, Wirz D, Haug M, Dickinson SC, Hollander AP, Daniels AU, Pierer G, Heberer M, Martin I. Pre-cultivation of engineered human nasal cartilage enhances the mechanical properties relevant for use in facial reconstructive surgery. **Annals of Surgery** December 2006 Dec; 244(6): 978 – 985 IF7.47
29. Scheufler O, **Farhadi J**, Pierer G, Levin LS, Erdmann D. The infraglutal perforator flap. **Handchir Mikrochir Plast Chir**. 2006 Dec;38(6):390-7 IF0.488
30. Scheufler O, **Farhadi J**, Kovach SJ, Kukies S, Pierer G, Levin LS, Erdmann D, Anatomical Basis and Clinical Application of the Infraglutal Perforator Flap. **Plastic and Reconstructive Surgery** 2006 Nov;118(6):1389-400 IF2.6
31. Wettstein R, Kalbermatten DF, Rieger U, **Farhadi J**, Harr T, Pierer G. High Magnification Assessment Improves Complete Resection of Facial Tumors. **Annals of Plastic Surgery**. 2006 Nov;57(5):517-520 IF1.2
32. Marsano A, Wendt D, Quinn TM, **Farhadi J**, Jakob M, Heberer M, Martin I. Bizonal cartilaginous tissues engineered in a rotary cell culture system. **Biorheology**. 2006;43(3-4):553-60 IF2.01
33. Laschke MW, Harder Y, Martin I, **Farhadi J**, Ring A, Torio N, Amon M, Schramm R, Rücker M, Junker M, Häufel JM, Carvalho C, Heberer M, Germann G, Menger MD. Angiogenesis in Tissue Engineering: Breathing life into constructed tissue substitutes. **Tissue Engineering** 2006 Aug;12(8):2093-104 IF4.63
34. **Farhadi J**, Maksvidyte G, Schaefer DJ, Pierer G, Scheufler O. Reconstruction of the nipple areola complex: an update. **Journal of Plastic, Reconstructive and Aesthetic Surgery** 2006 Januar 59, 40-54 IF1.66
35. **Farhadi J**, Jaquier C, Haug M, Pierer G, Zeilhofer HF, Martin I. Bone and cartilage tissue engineering for facial reconstructive surgery. **IEEE Engineering in Medicine and Biology** 2006 Januar/Februar; Vol 25 No1, 106-9 IF1.08
36. Jaquier C, Schaeren St, **Farhadi J**, Kunz Ch, Mainil P, Heberer M, Martin I. In vitro osteogenic differentiation and in vivo bone-forming capacity of human isogenic jaw periosteal cells and bone marrow stromal cells. **Annals of Surgery** 2005 December 242 (6), 859-67 IF7.47

37. **Farhadi J**, Jaquier C, Barbero A, Jakob M, Schaeren S, Pierer G, Heberer M, Martin I. Differentiation-dependent up-regulation of BMP-2, TGF-beta1, and VEGF expression by FGF-2 in human bone marrow stromal cells.
Plastic and Reconstructive Surgery 2005 October; Vol. 116 No5, 1379-86 IF2.6
38. Tay, A, **Farhadi J**, Suetterlin R, Pierer G, Heberer M, Martin I. Cell Yield, proliferation, and post-expansion differentiation capacity and growth factor responsiveness of human ear, nasal and rib chondrocytes.
Tissue Engineering 2004 May/June; 10: 762-770 IF4.63
39. Zelikin AN, Lynn DM, **Farhadi J**, Martin I, Shastri V, Langer R. Erodible Conducting Polymers for Potential Biomedical Applications.
Angewandte Chemie Int Ed Engl 2002 Jan; 41(1): 141-144 IF12.73
40. Altman GH, Horan RL, Martin I, **Farhadi J**, Stark PR, Volloch V, Richmond JC, Vunjak-Novakovic G, Kaplan DL. Cell differentiation by mechanical stress.
FASEB Journal 2002 Feb;16(2):270-2. IF6.51
41. Modlin IM, **Farhadi J**. Rudolf Schindler--a man for all seasons.
Journal of Clinical Gastroenterology 2000 Sep;31(2):95-102 IF2.75
42. Modlin IM, Kidd M, **Farhadi J**. Bayliss and Starling and the nascence of endocrinology.
Regulatory Peptides 2000 Sep 25;93(1-3):109-23. IF2.47
43. Krähenbühl L, Schäfer M, **Farhadi J**, Renzulli P, Seiler CA, Büchler MW. Laparoscopic treatment of large paraesophageal hernia with totally intrathoracic stomach. **Journal of the American College of Surgeons** 1998;187:231-7. IF4.24
44. De Gottardi A, Krähenbühl L, **Farhadi J**, Gernhardt S, Schäfer M, Büchler MW. Clinical experience of feeding through a needle catheter jejunostomy after major abdominal operations.
European Journal of Surgery 1999;165:1055-60. IF0.53
45. Schaefer M, Krähenbühl L, **Farhadi J**, Büchler M. Cholelithiasis—laparoscopy or laparotomy.
Therapeutische Umschau. 1998;55:110-5

Other Publications not PUBMED listed

1. Stoss S, **Farhadi J**, Pierer G. Verbrennungsbehandlung. **Wundforum** 2005 Mai 2; 10-16
2. **Farhadi J**, Pierer G. Dekubituschirurgie: Dekubituschirurgie: Plastisch-Chirurgische Konzepte der Defektdeckung. **Wundforum** 2005 Feb 1; 8-11
3. **Farhadi J**. Die 6 Prinzipien der Dekubitustherapie.
Geriatric Praxis 2004; 8: 42-44
4. **Farhadi J**, Pierer G. Dekubituschirurgie: Präoperative Überlegungen und Massnahmen. **Wundforum** 3, 2004; 10-14

Bookchapters

1. **Farhadi J**, Farhadieh RD. Breast Augmentation. Plastic and Reconstructive Surgery. Wiley-Blackwell 2014
2. Hamed H and **Farhadi J**. Reducing the risk of breast cancer. Genetics for Health Professionals in Cancer Care: From Principles to Practice. Oxford University Press. 2014
3. **Farhadi J**. Basic anatomical principles and functions of soft tissue. Manual of Soft-Tissue Management in Orthopaedic Trauma. AO Publishing 2011
4. **Farhadi J**, Ross D. The role plastic surgery in the management of perineal wounds. In: Anorectal and Colonic Diseases. Jean-Claude Givel (eds). Springer 2009
5. Zweifel M, Scheufler O, **Farhadi J**, Fischer B, Pierer G. Grundlagen. In: Paraplegie – Ganzheitliche Rehabilitation. Zäch GA, Koch HG (eds). Karger, Basel: 209-211, 2006
6. **Farhadi J**, Fischer B, Zweifel M, Scheufler O, Pierer G. Allgemeine Behandlungsprinzipien. In: Paraplegie – Ganzheitliche Rehabilitation. Zäch GA, Koch HG (eds). Karger, Basel :212-215, 2006
7. Scheufler O, **Farhadi J**, Zweifel M, Pierer G. Spezielle plastisch-chirurgische Therapiekonzepte. In: Paraplegie – Ganzheitliche Rehabilitation. Zäch GA, Koch HG (eds). Karger, Basel :216-222, 2006
8. Modlin IM, Schmid SW, Tang LH, **Farhadi J**. Endocrine Tumors of the Pancreas in "Pancreatic Tumors: Achievements and Prospective." Dervenis CG and Bassi C (eds). Thime, Stuttgart, Germany: 332-352, 2000
9. Modlin IM, **Farhadi J**, Kidd M. From the pump to the Helix. In: Helicobacter pylori – Basic mechanisms to clinical cure. Hunt RH and Tytgat GNJ (eds). Kluwer Academic Publishers, London, UK : 347-372, 2000
10. Krähenbühl L, Schäfer M, **Farhadi J**, Büchler M. Standard Laparoscopic Techniques in Adults. Krähenbühl L, Frei E, Klaiber C, Büchler MW (eds): *Acute Appendicitis: Standard Treatment or Laparoscopic Surgery? Prog Surg. Karger, Basel, vol 25: 93-100, 1998*

Books

1. A Brief History of Endoscopy
Modlin IM. Co-author **Farhadi J**
Published by MultiMed, Milano, 2000 (144 Pages)
2. A History of Gastroenterology at the Millennium
Modlin IM. Co-author **Farhadi J**
Published by NEXTHEALTH srl, Milano 2001 (177 Pages)