

# **CURRICULUM VITAE**

**AFSHIN (Ash) MOSAHEBI**

**MBBS(Lon) PhD(Lon) MBA(Warwick) FRCS (Plast)**

**Professor & Consultant Plastic Surgeon & at Royal  
Free Hampstead NHS Trust Hospital & UCL Medical  
School,  
London**

# Content

<b>PERSONAL DETAILS.....</b>	<b>3</b>
<b>EDUCATION &amp; QUALIFICATIONS.....</b>	<b>3</b>
<b>PROFESSIONAL HISTORY.....</b>	<b>4</b>
<b>OTHER APPOINTMENTS AND AFFILIATIONS .....</b>	<b>4</b>
<b>PRIZES, AWARDS AND OTHER HONOURS .....</b>	<b>5</b>
<b>GRANTS.....</b>	<b>5</b>
<b>INVITED TALKS.....</b>	<b>6</b>
<b>ACADEMIC SUPERVISION .....</b>	<b>6</b>
<b>RESEARCH CAREER SUMMARY .....</b>	<b>7</b>
<b>TEACHING CAREER SUMMARY.....</b>	<b>7</b>
<b>ADMINISTRATION.....</b>	<b>8</b>
<b>REFERENCES .....</b>	<b>16</b>

## Personal details

Name: Afshin Mosahebi Esq.

Telephone: NHS: 02077940500 Ext: 31302  
Mobile:

Email: [a.mosahebi@ucl.ac.uk](mailto:a.mosahebi@ucl.ac.uk)

Date of Birth: 15<sup>th</sup> September 1967

Nationality: British

Marital Status: Married

## Education & qualifications

*School:* **A-levels**, 4 all grade A, South Thames, Putney Hill, London

*Undergraduate:* **MBBS**, United Medical School of Guy's & St Thomas'

*Postgraduate:* **United States Medical Licence (I & II) 1994**

**Fellow of The Royal College of Surgeons of Edinburgh, 1995**

**PhD Doctor of Philosophy (Plastic surgery)**, University of London, 2001

**Master of Business & Administration**, Warwick Business School, University of Warwick, 2004

**Specialty exam: FRCS (Plast)**, March 2006 (1<sup>st</sup> attempt)

**CCT date:** Oct 2007

**Diploma of American Board of Regenerative Medicine 2015**

## Professional History

### Dates and detail of position held and institution

2001-2005 Plastic surgical specialist training, London Deanery  
2006 Clinical Fellowship, Memorial Sloan Kettering Cancer Institute, NYC  
USA  
2008 Consultant Plastic Surgeon, Royal Free Hospital  
2008 Hon Senior lecturer, UCL  
2012 Clinical Head of Plastic surgery department  
2015 Academic lead for plastic surgery, UCL  
2015 Training lead for Plastic surgery., Royal Free

## Other Appointments and Affiliations

President of the Royal Society of Medicine (Plastic Surgery section) 2015-2016  
Head of curriculum for Plastic surgery UK & Ireland 2011-  
Head of Surgical simulation for plastic surgery UK 2015-  
Academic member of Special Advisory Committee (SAC) for Plastic surgery UK &  
Ireland  
Member of Research & Education Committee Plastic surgery, Royal College of  
Surgeon 2010-2015  
Deputy Editor of Journal of Plastics Aesthetic & Reconstructive surgery 2010-2015  
International Editor of Aesthetic Surgery Journal (American) 2012-  
NIHR Grant reviewer  
NICE new procedures reviewer  
Plastic surgery member of the London Cancer Breast Cancer Board  
Member of Department of Health review board of non-invasive aesthetic procedures  
Member of Health Education England review board on Cosmetic surgery review  
Hon secretary of British Association of Aesthetic Plastic Surgery (BAAPS).  
Media representative of BAAPS, regularly on TV, radio, papers to discuss plastic  
surgery issue relevant to public health  
Board member of Healing Foundation Charity  
Inspector of Oxford Deanery Plastic surgery programme  
Co-director of Plastic surgery MSc programme UCL  
MB examiner for UCL  
External & Internal PhD/MD/MSc examiner  
Royal Free Academic Collaborative instigator  
Tutor on Master programme in oncoplastic surgery, University of East Anglia  
Tutor on "Acamedics" UCL medical student programme  
Tutor for UCLU surgical society shadowing scheme programme

## **Prizes, Awards and Other Honours**

Dates, detail of prize, award or honour and awarding / electing body

East Grinstead Medical Trust PhD Fellowship, 1998

Best Poster Award UCL (Tissue Repair Open day), 2000

Joan Dawkins Millennium bursary, 2000

Peripheral Nerve Society travelling award, 2001

British Association of Plastic Surgery Travel Award, 2004

British Association of Plastic Surgery presentation bursary award, 2004

Ethicon Travel Bursary, 2006

Technology Strategy Board: Development of new generation biofunctionalised nerve conduits

Pharmidex Pharmaceutical Services Limited. 2010-11 £197,237

Best Poster Award, 5<sup>th</sup> Congress of the World Union of Wound Healing Societies, 2016

Oral Presentation for European Venous Prize, 17<sup>th</sup> Meeting of the European Venous Forum, 2016

Certificate of Merit for Excellent Abstract Presentation, Charing Cross International Symposium, 2016

PLASTA/ASiT Prize for Best Plastic Surgery Poster, ASiT Surgical Conference, 2016

## **Grants**

PI

2016 Acelity Research grant £208K

2016 UCL medical school teaching grant £17K

Co-PI

2012: PICTURE (Patient Information Combined for the Assessment of Specific Surgical Outcomes in Breast cancer), Seventh Framework Programme, European Commission 1/3/2013-1/3/2016 value €2,157,000 the PICTURE is part of European Virtual Physiological Human project. In this project we aim to provide objective tools, tailored to the individual patient, to assist decision making and predict the aesthetic outcome of breast conserving surgery. Keshtgar (PI)

Co-Investigator

2008: NHS Clinical Innovations and Service Development Grant value: £231,000,

2014 UCL / Covidien Impact PhD £65,345.50

2015 Acelity (EPIGRAFT trial) £80,512

2015 Royal Free Charity £15K

2016 Wolfson foundation £3M

Royal Free Charity: Development of composite tissue for facial application £165,000 (2012-15); Tendon tissue engineering £107,000

2008 NHS Clinical Innovations and Service Development £231,000,  
2012 Development of a novel nerve conduit to enhance nerve tissue engineering using nanocomposite materials and stem cells £9,800

Collaborator:

Diabetes UK, Dr Cheema, "Development of tissue engineered collagen seeds to aid healing of diabetic ulcers."

## **Invited Talks**

In addition to a number of invited talks, I have been Conference/ course convenor:

International Body contouring surgery & live surgery 2008, Royal Free  
Organisation of Private practice 2010  
Masterclass in breast reconstruction 2015  
Lymphatic surgery 2015  
Pitfalls in Blepharoplasty 2016  
Pitfalls in Rhinoplasty 2016  
Post massive weight loss surgery symposium 2016  
Cadaveric dissection multidisciplinary facia surgery course 2016  
Non-invasive aesthetic procedures with Live demonstration course 2016

Invited talks:

Peripheral nerve injuries, Royal Society of Medicine, Jan 1999, "Research in Plastic Surgery".  
Bioartificial nerve graft, Queen Mary's Westfield & Royal London Hospital Medical School, Feb 1999.  
European Conference of Scientist and Plastic Surgeons, Maastricht, Holland, Oct 1999  
Nanotechnology & nerve regeneration, European Plastic Surgery Research Council, Aug 2011, Hamburg  
Chair of regeneration session, European Plastic Surgery Research Council, Aug 2011, Hamburg  
"Body" conference, Royal Society of Medicine, Nov 2011  
National Breast Reconstruction Nurse study 2014  
British Geriatric society 2016  
European Facial Surgery, 2016  
French Aesthetic surgery society 2016  
British Aesthetic surgery society 2016  
Pink Ribbon breast cancer day, RSM 2016

## **Academic Supervision**

Primary

MD, 2010 Bioengineering of nerve conduit  
MSc 2013 Lymphatic vessels bioengineering  
MSc 2015 skin cancer patient reported outcome  
MD 2016 Augmented reality teaching aide

Secondary  
MD 2013 breast implant bioengineering  
PhD 2014 Evaluation of epidermal graft

## Research Career Summary

Since finishing my PhD at UCL I have continued my strong interest in research, which I believe is the cornerstone of surgical improvement. I have continued my PhD theme in tissue engineering with development of bioabsorbable nerve conduit made with nanocomposite materials and functionalised with bioactive peptides and adipose drive stem cells, currently the conduit is at preclinical trial. I hope with grant and help of industry taking it to clinical trial. I am also working on the development of lymphatic drainage. This is to consider as unmet clinical need effecting a large number of cancer patients. The development is based on synthetic materials and endothelisation using autologous cells before implantation, this work is still at laboratory based and under development. I am also working on application of adipose drive stem cells in plastic surgery including breast filler with bioabsorbable materials for reconstructive breast surgery.

Additionally, solid clinical & patient based research is needed to apply research findings to patient setting, in this pursuit I have strong clinical trials track record:

MelmarT international multicentre randomised trial of excision of wider excision of melanoma. (collaboration with Sydney, Australia)

MRC Cell Based Tissue Engineered Laryngeal Implants (RegenVOX), (Collaboration with Prof Birchall, UCL)

A Multicenter Randomised Controlled Trial to Compare Epidermal Grafting with Split Skin Grafting for Wound Healing, protocol approved (PI, collaboration with Prof Richards, UCL)

Randomized Controlled Trial study of use of fat injection & PRP for diabetic wound, PI (multidisciplinary collaboration with podiatry & orthopaedic surgery)

Randomised Controlled Trial study of use of SVF fat extract in Alopecia, PI, industry sponsored, going through ethical approval

Randomised Controlled Trial study of SVF in Knee OA (Collaboration Prof Haddad, UCL)

I additional to these I have coordinated a number of smaller studies & audits in the clinical setting for my trainees, which have resulted in a number of national presentations & publications.

## Teaching Career Summary

I am passionate about teaching & keen to encourage curiosity in my trainees & students, the old surgical axiom of see one, do one & teach one, still remains true & I have strived to do this throughout my training as well as my career as teacher. In addition, I have been asked to be part of teaching faculty of numerous national & international hands on training courses. Furthermore:

At undergraduate level, I have been given a teaching grant from UCL to trial augmented reality surgical teaching technology (first in K) which has begun and being evaluated. I am also active in I have been involved in UCLU surgical society shadowing scheme to promote surgical experience & career (which is on decline). Additionally, I have successfully placed UCL students in Acamedics scheme.

At postgraduate level, I am the co-director of UCL plastics surgery MSc & involved in training students. Furthermore, nationally, I am the head of curriculum for plastic surgery for UK as well as in charge of simulation, which is increasingly mandated as part of surgical teaching, for UK.

At Departmental & institutional level, I am head of training for one of the largest Plastics surgery departments in UK & responsible for ensuring teaching & timetable activities remain relevant & worthwhile. Due to my teaching & training track record we have been assigned as the “centre of excellence” for European teaching & training of Acelity medical devices company. This has meant rung master classes for experienced and training surgeons as well as nurses.

## **Administration**

Obtaining a Masters in Business Administration (MBA) from the prestigious Warwick Business School, I have learnt the building blocks in strategic management & thinking. This has given me the necessary tools to juggle 3 major administrative tasks of being the clinical, academic & training leads for one of the largest & busiest plastic surgery units in UK.

I have to manage clinical budgets, predict activities & enable cost saving schemes, last year I helped to increase our income by 20% and department became the best performing in the division.

Medico-Legal: I have been conducting medico-legal reports since 2013. Instructed by around 30 companies, I have Bond Solon qualifications. Clinical Negligence cases have also been completed for companies at the rate of around 10 – 15 per year. I have an ongoing relationship as an expert in Clinical Negligence cases with the GMC, including high profile cases. I can see Medico Legal clients in central and north London, and in some circumstances conduct video consultations. My split is around 50/30/20% claimant, defendant and negligence. Around 5% per year are prepared with other parties.

## **Publications**

Smith, O. J., Edmondson, S. J., Bystrzonowski, N., Hachach-Haram, N., Kanapathy, M., Richards, T., & Mosahebi, A. (2016). The CelluTome epidermal graft-harvesting system: a patient-reported outcome measure and cost evaluation study.. *International wound journal*. doi:[10.1111/iwj.12644](https://doi.org/10.1111/iwj.12644)

Langridge, B., Hachach-Haram, N., Rahman, S., Mosahebi, A., & Hansen, E. (2016). The effects of changes in local guidelines on the provision of NHS funded cosmetic procedures: a single centre study. *BRITISH JOURNAL OF SURGERY*, 103, 176. Retrieved from



[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000383289600584&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000383289600584&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)

- Kanapathy, M., Smith, O. J., Hachach-Haram, N., Bystrzonowski, N., Mosahebi, A., & Richards, T. (2016). Protocol for a systematic review of the efficacy of epidermal grafting for wound healing. *Systematic Reviews*, 5(1). doi:[10.1186/s13643-016-0268-7](https://doi.org/10.1186/s13643-016-0268-7)
- Konczalik, W., Nikkhah, D., & Mosahebi, A. (2016). Applications of Smartphone thermal camera imaging system in monitoring of the deep inferior epigastric perforator flap for breast reconstruction.. *Microsurgery*.
- Brown, T., Merten, S., Mosahebi, A., & Caddy, C. M. (2016). Response to "In Defense of the International Collaboration of Breast Registry Activities (ICOBRA)". *AESTHETIC SURGERY JOURNAL*, 36(7), NP228-NP230. doi:[10.1093/asj/sjw063](https://doi.org/10.1093/asj/sjw063)
- Hachach-Haram, N., Bystrzonowski, N., Smith, O., Kanapathy, M., Edmondson, S. J., Richards, T., & Mosahebi, A. (2016). A prospective, multicentre study on the use of epidermal graft to optimise outpatient wound management. In *BRITISH JOURNAL OF SURGERY* Vol. 103 (pp. 40). Royal Coll Surg England, London, ENGLAND: WILEY-BLACKWELL. Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000374301300120&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000374301300120&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Hachach-Haram, N., Bystrzonowski, N., Kanapathy, M., Smith, O., Harding, K., Mosahebi, A., & Richards, T. (2016). A prospective, multicentre study on the use of epidermal grafts to optimise outpatient wound management. *International Wound Journal*. doi:[10.1111/iwj.12595](https://doi.org/10.1111/iwj.12595)
- Naderi, N., Combellack, E. J., Griffin, M., Sedaghati, T., Javed, M., Findlay, M. W., . . . Whitaker, I. S. (2016). The regenerative role of adipose-derived stem cells (ADSC) in plastic and reconstructive surgery.. *International wound journal*.
- Kanapathy, M., Hachach-Haram, N., Bystrzonowski, N., Harding, K., Mosahebi, A., & Richards, T. (2016). Epidermal grafting versus split-thickness skin grafting for wound healing (EPIGRAAFT): study protocol for a randomised controlled trial. *TRIALS*, 17, 6 pages. doi:[10.1186/s13063-016-1352-y](https://doi.org/10.1186/s13063-016-1352-y)
- Glass, G. E., Mosahebi, A., & Shakib, K. (2016). Cross-specialty developments: a summary of the mutually relevant recent literature from the journal of plastic, reconstructive and aesthetic surgery. *BRITISH JOURNAL OF ORAL & MAXILLOFACIAL SURGERY*, 54(1), 13-21. doi:[10.1016/j.bjoms.2015.08.272](https://doi.org/10.1016/j.bjoms.2015.08.272)
- Brown, T., Merten, S., Mosahebi, A., & Caddy, C. M. (2016). Breast Implant Registries: The Problem with Ambition. *AESTHETIC SURGERY JOURNAL*, 36(2), 255-259. doi:[10.1093/asj/sjv227](https://doi.org/10.1093/asj/sjv227)
- Naderi, N., Griffin, M., Malins, E., Becer, R., Mosahebi, A., Whitaker, I. S., & Seifalian, A. M. (2016). Slow chlorine releasing compounds: A viable sterilisation method for bioabsorbable nanocomposite biomaterials. *JOURNAL OF BIOMATERIALS APPLICATIONS*, 30(7), 1114-1124. doi:[10.1177/0885328215613666](https://doi.org/10.1177/0885328215613666)
- Jeyaraj, R., Natasha, G., Kirby, G., Rajadas, J., Mosahebi, A., Seifalian, A. M., & Tan, A. (2015). Vascularisation in regenerative therapeutics and surgery. *MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL*

*APPLICATIONS*, 54, 225-238. doi:[10.1016/j.msec.2015.05.045](https://doi.org/10.1016/j.msec.2015.05.045)

- Mosahebi, A. (2015). Commentary on: The Fountain of Stem Cell-Based Youth? Online Portrayals of Anti-Aging Stem Cell Technologies. *AESTHETIC SURGERY JOURNAL*, 35(6), 737-738. doi:[10.1093/asi/siv014](https://doi.org/10.1093/asi/siv014)
- Kanapathy, M., Kalaskar, D., Mosahebi, A., & Seifalian, A. (2015). Development of a tissue engineered lymphatic graft using nanocomposite polymer for the treatment of secondary lymphedema. *Journal of Artificial Organs*.
- Hachach-Haram, N., Bystrzonowski, N., Kanapathy, M., Edmondson, S. -J., Twyman, L., Richards, T., & Mosahebi, A. (2015). The use of epidermal grafting for the management of acute wounds in the outpatient setting. *JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY*, 68(9), 1317-1318. doi:[10.1016/j.bjps.2015.04.019](https://doi.org/10.1016/j.bjps.2015.04.019)
- Mosahebi, A. (2015). Biomaterials and structural fat grafting. In *Plastic and Reconstructive Surgery Approaches and Techniques*. John Wiley & Sons.
- Mosahebi, A. (2015). Gynaecomastia and tuberous breast. In *Plastic and Reconstructive Surgery Approaches and Techniques*. John Wiley & Sons.
- Naderi, N., Madani, S. Y., Mosahebi, A., & Seifalian, A. M. (2015). Octa-ammonium POSS-conjugated single-walled carbon nanotubes as vehicles for targeted delivery of paclitaxel. *Nano reviews*, 6, 28297.
- Sheil, F., Pabari, A., & Mosahebi, A. (2014). Complication Rates of Diep Flap Donor Site versus Elective Abdominoplasty: A Single Plastic Surgery Unit Experience. *IRISH JOURNAL OF MEDICAL SCIENCE*, 183, S242-S243.  
Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000341086600063&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000341086600063&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)

**Title:** Tissue-engineered lymphatic graft for the treatment of lymphedema

**Abstract:** Abstract  
Background

Lymphedema is a chronic debilitating condition and curative treatment is yet to be found. Tissue engineering approach, which combines cellular components, scaffold, and molecular signals hold great potential in the treatment of secondary lymphedema with the advent of lymphatic graft to reconstruct damaged collecting lymphatic vessel. This review highlights the ideal characteristics of lymphatic graft, the limitation and challenges faced, and the approaches in developing tissue-engineered lymphatic graft.

Methods

Literature on tissue engineering of lymphatic system and lymphatic tissue biology was reviewed.

Results

The prime challenge in the design and manufacturing of this graft is producing endothelialized conduit with intraluminal valves. Suitable scaffold material is needed to ensure stability and functionality of the construct. Endothelialization of the construct can be enhanced via biofunctionalization and nanotopography, which mimics extracellular matrix. Nanocomposite polymers with improved performance over existing biomaterials are likely to benefit the development of lymphatic graft.

Conclusions

With the in-depth understanding of tissue engineering, nanotechnology, and improved knowledge on the biology of lymphatic regeneration, the aspiration to develop successful lymphatic graft is well achievable.

**Authors:** Kanapathy M, Patel NM, Kalaskar D, Mosahebi A, Mehrara BJ, Seifalian AM

**Journal:** *Journal of Surgical Research*  
CV of Ash Mosahebi

**Volume:** In Press  
**Publisher:** Elsevier  
**Publication date:** 31 July 2014  
**DOI:** [10.1016/j.jss.2014.07.059](https://doi.org/10.1016/j.jss.2014.07.059)  
**Record created at source:** 8 September 2014

- Pabari, A., Lloyd-Hughes, H., Seifalian, A. M., & Mosahebi, A. (2014). Nerve conduits for peripheral nerve surgery.. *Plast Reconstr Surg*, 133(6), 1420-1430. doi:[10.1097/PRS.0000000000000226](https://doi.org/10.1097/PRS.0000000000000226)
- Mosahebi, A., & Nadarajah, S. (2014). An implicit and adaptive nonlinear frequency domain approach for periodic viscous flows. *Journal of Computational Physics*, 278, 92-116. doi:[10.1016/j.jcp.2014.08.022](https://doi.org/10.1016/j.jcp.2014.08.022)
- Mosahebi, A. (2013). Basic surgical techniques. In *Atlas of Male Genitourethral Surgery The Illustrated Guide*. John Wiley & Sons.
- Mughal, M., Baker, R. J., Muneer, A., & Mosahebi, A. (2013). Reconstruction of perineal defects.. *Ann R Coll Surg Engl*, 95(8), 539-544. doi:[10.1308/rcsann.2013.95.8.539](https://doi.org/10.1308/rcsann.2013.95.8.539)
- Sedaghati, T., Jell, G., Mosahebi, A., Butler, P., & Seifalian, A. M. (2013). Design of novel nanocomposite nerve conduits. In *BRITISH JOURNAL OF SURGERY* Vol. 100 (pp. 6). Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000318232500015&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000318232500015&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Sedaghati, T., Jell, G., Mosahebi, A., Butler, P., & Seifalian, A. M. (2013). Design of novel nanocomposite nerve conduits. In *BRITISH JOURNAL OF SURGERY* Vol. 100 (pp. 74). Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:0003182325000243&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:0003182325000243&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Mosahebi, A. (2013). Plastic Surgery. In *Kirk's General Surgical Operations*. Elsevier Health Sciences.
- Malhotra, A., Chhaya, N., Nsiah-Sarbeng, P., & Mosahebi, A. (2013). CT-guided deep inferior epigastric perforator (DIEP) flap localization -- better for the patient, the surgeon, and the hospital.. *Clin Radiol*, 68(2), 131-138. doi:[10.1016/j.crad.2012.06.105](https://doi.org/10.1016/j.crad.2012.06.105)
- Mohan, A. T., Al-Ajam, Y., & Mosahebi, A. (2013). Trends in tertiary breast reconstruction: literature review and single centre experience.. *Breast*, 22(2), 173-178. doi:[10.1016/j.breast.2012.06.004](https://doi.org/10.1016/j.breast.2012.06.004)
- Naderi, N., Madani, S. Y., Ferguson, E., Mosahebi, A., & Seifalian, A. M. (2013). Carbon nanotubes in the diagnosis and treatment of malignant melanoma.. *Anticancer Agents Med Chem*, 13(1), 171-185. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22721386>
- Simper, J. M., Curran, J. N., & Mosahebi, A. (2012). Are other companies prepared?. *BMJ*, 344, e2192. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22438383>
- Sedaghati, T., Yang, S. Y., Mosahebi, A., Alavijeh, M. S., & Seifalian, A. M. (2011). Nerve regeneration with aid of nanotechnology and cellular engineering.. *Biotechnol Appl Biochem*, 58(5), 288-300. doi:[10.1002/bab.51](https://doi.org/10.1002/bab.51)
- Pabari, A., Yang, S. Y., Mosahebi, A., & Seifalian, A. M. (2011). Recent advances in artificial nerve conduit design: strategies for the delivery of luminal fillers.. *J Control Release*, 156(1), 2-10. doi:[10.1016/j.jconrel.2011.07.001](https://doi.org/10.1016/j.jconrel.2011.07.001)

- Pabari, A., Yang, S. Y., Butler, P., Mosahebi, A., & Seifalian, A. M. (2011). Differentiation of schwann cells on a novel nanocomposite material for peripheral nerve regeneration. In *BRITISH JOURNAL OF SURGERY* Vol. 98 (pp. E13). Royal Free Hosp, London, ENGLAND: WILEY-BLACKWELL. Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000290519300046&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000290519300046&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Pabari, A., Sedaghati, T., Yang, S. Y., Butler, P., Mosahebi, A., & Seifalian, A. M. (2011). Differentiation of adipose derived stem cells to Schwann cells on a novel nanocomposite polymer. In *BRITISH JOURNAL OF SURGERY* Vol. 98 (pp. 59). Royal Coll Surgery, Dublin, IRELAND: WILEY-BLACKWELL. Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000290664500196&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000290664500196&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Ardehali, B., Mehrara, B., Cordeiro, P., & Mosahebi, A. (2011). Painting the pedicle: a twist-proof marking method.. *J Reconstr Microsurg*, 27(3), 207-208. doi:[10.1055/s-0030-1270533](https://doi.org/10.1055/s-0030-1270533)
- Ardehali, B., Mehrara, B., Cordeiro, P., & Mosahebi, A. (2011). Use of microsurgical background as an anastomotic frame.. *J Reconstr Microsurg*, 27(3), 209-210. doi:[10.1055/s-0030-1270534](https://doi.org/10.1055/s-0030-1270534)
- Hofer, S. O. P., Hart, A. M., Mosahebi, A., & Kalbermatten, D. F. (2010). The future is bright. *JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY*, 63(11), 1759-1760. doi:[10.1016/j.bjps.2010.09.006](https://doi.org/10.1016/j.bjps.2010.09.006)
- Woollard, A. C., & Mosahebi, A. (2010). Combining local and perforator flaps in the lower limb.. *J Plast Reconstr Aesthet Surg*, 63(12), 2203-2204. doi:[10.1016/j.bjps.2010.05.015](https://doi.org/10.1016/j.bjps.2010.05.015)
- Chhaya, N. C., Sarbeng, P., Stuart, S., Angullia, F., Mosahebi, A., & Malhotra, A. (2010). Benefits of CT-angiography localisation in the surgical planning of deep inferior epigastric perforator flap breast reconstruction. In *BREAST CANCER RESEARCH* Vol. 12 (pp. 1 page). Brighton, ENGLAND: BIOMED CENTRAL LTD. doi:[10.1186/bcr2701](https://doi.org/10.1186/bcr2701)
- Sivakumar, B., Sadr, A. H., Smith, R., & Mosahebi, A. (2010). The 'criss-cross sling' modification of the vertical scar mastopexy.. *J Plast Reconstr Aesthet Surg*, 63(3), e312-e314. doi:[10.1016/j.bjps.2009.06.023](https://doi.org/10.1016/j.bjps.2009.06.023)
- Pabari, A., Yang, S. Y., Seifalian, A. M., & Mosahebi, A. (2010). Modern surgical management of peripheral nerve gap.. *J Plast Reconstr Aesthet Surg*, 63(12), 1941-1948. doi:[10.1016/j.bjps.2009.12.010](https://doi.org/10.1016/j.bjps.2009.12.010)
- Mosahebi, A., Chaudhry, A., McCarthy, C. M., Disa, J. J., Mehrara, B. J., Pusic, A. L., . . . Cordeiro, P. G. (2009). Reconstruction of extensive composite posterolateral mandibular defects using nonosseous free tissue transfer.. *Plast Reconstr Surg*, 124(5), 1571-1577. doi:[10.1097/PRS.0b013e3181b98b78](https://doi.org/10.1097/PRS.0b013e3181b98b78)
- Collins, D., Mosahebi, A., & Ramakrishnan, V. (2009). Late post operative haemorrhage from internal mammary perforators.. *J Plast Reconstr Aesthet Surg*, 62(6), 852-853. doi:[10.1016/j.bjps.2008.06.020](https://doi.org/10.1016/j.bjps.2008.06.020)
- Keshtgar, M., Hamidian Jahromi, A., Davidson, T., Escobar, P., Mallucci, P., Mosahebi, A., & Baum, M. (2009). Tissue screening after breast reduction.. *BMJ*, 338, b630. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/19278972>



- mammary nodes as part of breast reconstruction.. *J Plast Reconstr Aesthet Surg*, 61(11), 1419. doi:[10.1016/j.bjps.2008.03.050](https://doi.org/10.1016/j.bjps.2008.03.050)
- Mosahebi, A., Disa, J. J., Pusic, A. L., Cordeiro, P. G., & Mehrara, B. J. (2008). The use of the extended anterolateral thigh flap for reconstruction of massive oncologic defects.. *Plast Reconstr Surg*, 122(2), 492-496. doi:[10.1097/PRS.0b013e31817dc4c0](https://doi.org/10.1097/PRS.0b013e31817dc4c0)
- Mosahebi, A., Da Lio, A., & Mehrara, B. J. (2008). The use of a pectoralis major flap to improve internal mammary vessels exposure and reduce contour deformity in microvascular free flap breast reconstruction.. *Ann Plast Surg*, 61(1), 30-34. doi:[10.1097/SAP.0b013e318151f9fa](https://doi.org/10.1097/SAP.0b013e318151f9fa)
- Atherton, D., Sreetharan, V., Mosahebi, A., Prior, S., Willis, J., Bishop, J., & Dziejewski, P. (2008). A randomised controlled trial of a double layer of Allewyn compared to Jellonet and proflavin as a tie-over dressing for small skin grafts.. *J Plast Reconstr Aesthet Surg*, 61(5), 535-539. doi:[10.1016/j.bjps.2007.01.004](https://doi.org/10.1016/j.bjps.2007.01.004)
- Snelling, A. P., Mosahebi, A., Pereira, J., & Smith, R. W. (2007). Use of the internal mammary vessels in breast reconstruction: a cautionary note.. *Plast Reconstr Surg*, 119(5), 1626-1627. doi:[10.1097/01.prs.0000256486.52463.93](https://doi.org/10.1097/01.prs.0000256486.52463.93)
- Mosahebi, A., Ramakrishnan, V., Gittos, M., & Collier, J. (2007). Aesthetic outcome of different techniques of reconstruction following nipple-areola-preserving envelope mastectomy with immediate reconstruction.. *Plast Reconstr Surg*, 119(3), 796-803. doi:[10.1097/01.prs.0000251999.52374.09](https://doi.org/10.1097/01.prs.0000251999.52374.09)
- Monfared, N. A., Gharib, N., Moqtaderi, H., Hejabi, M., Amiri, M., Torabi, F., & Mosahebi, A. (2006). Prediction of state-of-charge effects on lead-acid battery characteristics using neural network parameter modifier. In *JOURNAL OF POWER SOURCES* Vol. 158 (pp. 932-935). Varna, BULGARIA: ELSEVIER SCIENCE BV. doi:[10.1016/j.jpowsour.2005.11.023](https://doi.org/10.1016/j.jpowsour.2005.11.023)
- Novikova, L. N., Mosahebi, A., Wiberg, M., Terenghi, G., Kellerth, J. O., & Novikov, L. N. (2006). Alginate hydrogel and matrigel as potential cell carriers for neurotransplantation.. *J Biomed Mater Res A*, 77(2), 242-252. doi:[10.1002/jbm.a.30603](https://doi.org/10.1002/jbm.a.30603)
- Al-Benna, S., Grob, M., Mosahebi, A., Dheansa, B. S., & Pereira, J. (2006). Caution note on the use of the internal mammary artery in breast reconstruction.. *Plast Reconstr Surg*, 117(5), 1653-1654. doi:[10.1097/01.prs.0000208865.31910.48](https://doi.org/10.1097/01.prs.0000208865.31910.48)
- Srikanth, R., Reddy, D. M., & Mosahebi, A. (2006). A simple classification for standardisation of nomenclature in free flap outcome.. *J Plast Reconstr Aesthet Surg*, 59(12), 1318-1324. doi:[10.1016/j.bjps.2006.05.013](https://doi.org/10.1016/j.bjps.2006.05.013)
- Mosahebi, A., Ramakrishnan, V., Gittos, M., & Collier, D. S. (2006). Envelope mastectomy and immediate reconstruction (EMIR), improving outcome without oncological compromise.. *J Plast Reconstr Aesthet Surg*, 59(10), 1025-1030. doi:[10.1016/j.bjps.2005.11.029](https://doi.org/10.1016/j.bjps.2005.11.029)
- Figus, A., Mosahebi, A., & Ramakrishnan, V. (2006). Microcirculation in DIEP flaps: a study of the haemodynamics using laser Doppler flowmetry and lightguide reflectance spectrophotometry.. *J Plast Reconstr Aesthet Surg*, 59(6), 604-612. doi:[10.1016/j.bjps.2005.09.047](https://doi.org/10.1016/j.bjps.2005.09.047)
- Raveendran, S. S., Mosahebi, A., & Ramakrishnan, V. V. (2005). Early free tissue transfer following gangrene of the feet.. *Br J Plast Surg*, 58(5), 692-694. doi:[10.1016/j.bjps.2005.02.002](https://doi.org/10.1016/j.bjps.2005.02.002)

- Mosahebi, A., Atherton, D., & Ramakrishnan, V. (2005). Immediate bilateral autologous breast reconstruction for silicone intolerance.. *Br J Plast Surg*, 58(5), 714-716. doi:[10.1016/j.bjps.2005.01.004](https://doi.org/10.1016/j.bjps.2005.01.004)
- Lau, Y. S., Suvarna, S. K., Kangesu, L., & Mosahebi, A. (2004). Audit of plastic surgeons' understanding of pathology reports of skin neoplasia.. *Br J Plast Surg*, 57(2), 134-138. doi:[10.1016/j.bjps.2003.11.029](https://doi.org/10.1016/j.bjps.2003.11.029)
- Mosahebi, A., Wiberg, M., & Terenghi, G. (2003). Addition of fibronectin to alginate matrix improves peripheral nerve regeneration in tissue-engineered conduits.. *Tissue Eng*, 9(2), 209-218. doi:[10.1089/107632703764664684](https://doi.org/10.1089/107632703764664684)
- Novikov, L. N., Novikova, L. N., Mosahebi, A., Wiberg, M., Terenghi, G., & Kellerth, J. O. (2002). A novel biodegradable implant for neuronal rescue and regeneration after spinal cord injury.. *Biomaterials*, 23(16), 3369-3376. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12099279>
- Mosahebi, A., Fuller, P., Wiberg, M., & Terenghi, G. (2002). Effect of allogeneic Schwann cell transplantation on peripheral nerve regeneration.. *Exp Neurol*, 173(2), 213-223. doi:[10.1006/exnr.2001.7846](https://doi.org/10.1006/exnr.2001.7846)
- Terenghi, G., & Mosahebi, A. (2002). The interface between peripheral axons, Schwann cells and biosynthetic nerve guides. In H. Aldskogius, & J. Fraher (Eds.), *GLIAL INTERFACES IN THE NERVOUS SYSTEM* Vol. 47 (pp. 13-20). UPPSALA, SWEDEN: I O S PRESS. Retrieved from [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER\\_APP&SrcAuth=LinksAMR&KeyUT=WOS:000174170800003&DestLinkType=FullRecord&DestApp=ALL\\_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcApp=PARTNER_APP&SrcAuth=LinksAMR&KeyUT=WOS:000174170800003&DestLinkType=FullRecord&DestApp=ALL_WOS&UsrCustomerID=f41074198c063036414efcbc916f8956)
- Mosahebi, A., Simon, M., Wiberg, M., & Terenghi, G. (2001). A novel use of alginate hydrogel as Schwann cell matrix.. *Tissue Eng*, 7(5), 525-534. doi:[10.1089/107632701753213156](https://doi.org/10.1089/107632701753213156)
- Mosahebi, A., Woodward, B., Wiberg, M., Martin, R., & Terenghi, G. (2001). Retroviral labeling of Schwann cells: In vitro characterization and in vivo transplantation to improve peripheral nerve regeneration. *GLIA*, 34(1), 8-17. doi:[10.1002/glia.1035](https://doi.org/10.1002/glia.1035)
- Coward, K., Mosahebi, A., Plumpton, C., Facer, P., Birch, R., Tate, S., . . . Anand, P. (2001). Immunolocalisation of sodium channel NaG in the intact and injured human peripheral nervous system.. *J Anat*, 198(Pt 2), 175-180. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11273042>
- Mosahebi, A., Butterworth, M., Knight, R., Berger, L., Kaisary, A., & Butler, P. E. (2001). Delayed penile replantation after prolonged warm ischemia.. *Microsurgery*, 21(2), 52-54. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11288152>
- Mosahebi, A., Woodward, B., Green, C., Martin, R., & Terenghi, G. (2000). Long-term effect of vital labelling on mixed Schwann cell cultures. *HISTOCHEMICAL JOURNAL*, 32(6), 337-343. doi:[10.1023/A:1004009512884](https://doi.org/10.1023/A:1004009512884)
- Mosahebi, A., Gleeson, M., & Owen, W. J. (1998). Mass in the neck after whiplash injury.. *J R Soc Med*, 91(9), 493-494. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/9849525>
- Mosahebi, A.. Brow lift. In *Evidence based cosmetic surgery*.

Magill, L., Faulkner, P., Mosahebi, A., Ricketts, K., Jell, G., & Keshtgar, M. (2016, May 16). Treatment dose External Beam Radiotherapy Significantly Weakens 5th Generation Silicone Breast Implant Shells. In *Association of Breast Surgery Conference and AGM 2016*. Manchester, London.

## **Refences**

On request