

David Alexander Stewart
MBChB MRCS(Glas) FRACS(Plast)



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Professional Associations

Royal College of Physicians and Surgeons of Glasgow
 Royal Australasian College of Surgeons (RACS)
 Australian Society of Plastic Surgeons (ASPS)
 Australian Hand Surgery Society (AHSS)
 NSW Hand Surgery Society

Education

1990 – 1996	Turriff Academy
1996 – 2001	Edinburgh University
2011 – present	Melbourne University (Master of Surgery by Research)

Qualifications

2001 – MBChB
 2004 – Membership of the Royal College of Surgeons of Glasgow (MRCSGlas)
 2007 – Certificate of the Australian Medical Council (AMC)
 2010 – Fellow of the Royal Australasian College of Surgeons in Plastic Surgery (FRACSPlast)

Postgraduate Courses

Basic Surgical Skills, Aug 2002 RCPS Glasgow
Advanced Trauma Life Support (ATLS), Dec 2002 Aberdeen
Paediatric Advanced Life Support (PALS), Sep 2003 RHSC Yorkhill
Care of the Critically Ill Surgical Patient (CCrISP), Nov 2003 Crosshouse
Expedition Medicine (EXPEMED), Nov 2004 Loch Lomond
Microsurgery Workshop, Apr 2005 Northwick Park Institute
Emergency Management of the Severe Burn (EMSB), May 2005 Dublin
Emergency Management of Severe Trauma (EMST), Mar 2006 Adelaide
AOA Hand and Wrist Surgery Workshop, Mar 2006 Sydney
AO Hand and Wrist Course, Jul 2006 Sydney
Adelaide Flap Dissection Workshop, Aug 2006
University of Sydney Flap Dissection Course, Sep 2007
Sydney Hospital Microsurgical Course, Jun 2008
Brachial Plexus Surgery Cadaveric Course, March 2012 Bangkok
Brachial Plexus Advanced Workshop, March 2012 Dallas
Developing a Career in Academic Surgery (DCAS) course, May 2012 Kuala Lumpur
AHSS Hand and Wrist Arthroplasty Workshop, Aug 2012 Sydney
Hugh Williamson Laboratory Clinical Gait Analysis Course, Aug 2012 Melbourne
Wrist Arthroscopy Workshop, Nov 2015 Hong Kong

Employment History

Pre-Registration Year

Surgical PRHO, Queen Margaret Hospital Dunfermline Aug 01 – Feb 02
 Medical PRHO, Glasgow Royal Infirmary Feb 02 – Aug 02

West of Scotland Basic Surgical Training Program

Surgical SHO, Vale of Leven Hospital, Alexandria Aug 02 – Feb 03
 Orthopaedic SHO, Western Infirmary, Glasgow Feb 03 – Aug 03
 Paediatric Surgery SHO, Royal Hospital for Sick Children, Glasgow Aug 03 – Feb 04
 Accident & Emergency SHO, Glasgow Royal Infirmary Feb 04 – Aug 04
 Orthopaedic SHO III, Western Infirmary, Glasgow Nov 04 – Feb 05

Plastic Surgery

Career SHO, St Johns Hospital, Livingston Feb 05 – Aug 05
 Plastic Surgery Research Fellow, Surgical and Orthopaedic Research
 Laboratory, University of New South Wales, Sydney Aug 05 – Jan 07

Surgical Education and Training Program

Prince of Wales Hospital, Sydney Jan 07 – Jul 07
 Royal Prince Alfred Hospital, Sydney Jul 07 – Jan 08
 Westmead Hospital, Sydney Jan 08 – Jul 08
 Sydney Hospital Hand Unit Jul 08 – Jan 09
 Sydney Children's Hospital Jan 09 – Jul 09
 Royal North Shore Hospital, Sydney Jul 09 – Jan 10
 Middlemore Hospital, Auckland Jan 10 – Jul 10
 Royal North Shore Hand Unit, Sydney Jul 10 – Jan 11

Fellowship

Hand & Microsurgery, Royal Children's Hospital, Melbourne Jul 11 – Aug 12

Academic Appointments

Conjoint Associate Lecturer, University of New South Wales Nov 06 – Jan 12
 Conjoint Senior Lecturer, University of New South Wales Mar 14 - Present

Consultant Appointments

Locum Visiting Medical Officer Plastic Surgery Department, Frankston Hospital, Peninsula Health, Victoria	Feb 11 – Jun 11
Locum Visiting Medical Officer Plastic Surgery Dept, Division of Hand & Microvascular Surgery Royal Children’s Hospital, Melbourne	Aug 12 – Jan 13
Locum Visiting Medical Officer Plastic Surgery Department, Box Hill, Maroondah and Angliss Hospitals, Eastern Health, Victoria	Aug 12 – Jan 13
Staff Specialist Department of Hand & Peripheral Nerve Surgery Royal North Shore Hospital, Sydney	Mar 13 – Jun 15

Current Appointments

Visiting Medical Officer Department of Hand & Peripheral Nerve Surgery Royal North Shore Hospital, Sydney	Jun 15 -
Visiting Medical Officer Department of Hand Surgery Children’s Hospital Westmead, Sydney	Mar 16 -
Associate Sydney Hand Surgery Associates	Apr 13 -

Other Positions

- **Supervisor of plastic surgery training, Royal North Shore Hospital Hand Unit**
- **Co-ordinator of NSW plastic surgery registrar teaching sessions**
- **Reviewer for ANZ Journal of Surgery plastic surgery section**
- **Reviewer for Journal of Hand Surgery (European Volume)**
- **Reviewer for Journal of Hand Surgery (American Volume)**

Awards/ Scholarships

2005 Stryker International Scholarship.

Obtained by competitive application for research funding.

2005 Best Scientific Paper.

New South Wales hand surgery meeting.

2006 University of New South Wales Medical School Research Grant.

Competitive grant to help fund craniofacial research

2007 Emmet Prize.

Best clinical paper at the annual plastic surgery registrars' conference

2011 Leslie Eric Paddle Scholarship in paediatric orthopaedics

Awarded by the University of Melbourne

2016/17 Travelling Fellow of the NSW Hand Surgery Society

PosterPresentations

Stewart DA, Parks RW, Garden OJ. **Presentation and outcome of carcinoid tumours of the GI tract without liver metastases.** *Association of Upper GI Surgeons (AUGIS). Newcastle, 2000*

Stewart DA, Macdonald D, Leach WL. **Calcium sulphate bone graft substitute in the management of distal radial fractures.** *Integrated Musculoskeletal Trauma Conference. Belfast, 2005*

Stewart DA, Al-Nafussi A, Varma S, Quaba AA. **Schwannomatosis. Case Series and Review.** *Annual Scientific Congress of the Royal Australian College of Surgeons. Sydney 2006*

Soeharno H, Smitham PJ, Stewart DA, Walsh WR. **Three Ways to get Plastered in Sydney:- Properties of casting materials.** *Annual Scientific Congress of the Royal Australian College of Surgeons. Sydney 2006*

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **Mechanical testing of ulnar collateral ligament repairs.** *Federation of European Societies for Surgery of the Hand (FESSH) Glasgow, 2006*

Stewart DA, Liou K, Smitham P, Oliver R, Gianoutsos MP, Walsh WR. **Histological Study of the Flexor Digitorum Profundus Insertion.** *Australia and New Zealand Orthopaedic Research Society (ANZORS) Canberra 2006*

Jhamb A, Stewart D, Owers K, Scougall P, Walsh W. **When a Screw isn't enough – biomechanical testing of plates and screws in metacarpal fractures.** *Pan Pacific Hand and Upper Limb Trauma Symposium (PPHULTS) Queenstown 2007*

Stewart DA, Liou K, Smitham P, Oliver R, Gianoutsos MP, Walsh WR. **Histological Study of the Flexor Digitorum Profundus Insertion.** *International Federation of Societies for Surgery of the Hand (IFSSH) Sydney 2007*

Stewart DA, Walsh WR, Dowd M. **A New Twist to Lister's Spiral – An Anatomical study of the Flexor Digitorum Superficialis.** *International Federation of Societies for Surgery of the Hand (IFSSH) Sydney 2007*

Rahman M, Stewart DA, Gianoutsos MP. **Mandibular Overgrowth After Distraction Osteogenesis.** *International Society of Craniofacial Surgery (ISCFS – XII) Salvador, Brazil, 2007*

Jefferson N, Stewart DA, Rahman MM, Walsh WR, Gianoutsos MP. **A Comparative Histological Analysis of Facial Cosmetic Subunits.** *International Society of Aesthetic Plastic Surgery (ISAPS) 19th Congress, Melbourne, 2008*

Stewart DA, McCombe D. **Bilateral Scaphotrapeziotrapezoid coalition with bipartite scaphoid.** *American Society for Surgery of the Hand, San Francisco 2013.*

Oral Presentations

Stephens PC, Stewart DA, Gianoutsos MP, Walsh WR. **Radiographic analysis of the effect of BMP-2 in mandibular distraction osteogenesis.** *International Society of Craniofacial Surgery (ISCFS – XI) Coolum, Queensland 2005*

Stewart DA, Smitham P, Nicklin S, Walsh WR. **Distal fixation of flexor digitorum profundus. Mechanical testing of a novel procedure.** *New South Wales Hand Surgery Meeting, Orange, 2005*

Stewart DA, Smitham P, Stephens P, Nicklin S, Gianoutsos MP, Walsh WR. **Does size matter? Testing the bite size of tendon repairs.** *New South Wales Hand Surgery Meeting, Orange, 2005. Best Scientific Paper*

Stephens PC, Stewart DA, Gianoutsos MP, Walsh WR. **BMP-2 enhances the activation phase of mandibular distraction osteogenesis.** *Annual Scientific Congress of the Royal Australian College of Surgeons. Sydney 2006*

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **A new repair of flexor digitorum profundus.** *European Federation of Societies for Surgery of the Hand (EFSSH) 2006 Glasgow*

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **Effect of core suture bite size on strength of tendon repair.** *European Federation of Societies for Surgery of the Hand (EFSSH) 2006 Glasgow*

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **Flexion of the digits by the vincula breve.** *New South Wales Hand Surgery Meeting, Hunter Valley 2006*

Jhamb A, Stewart D, Owers K, Scougall P, Walsh W. **When Screwing just isn't enough – biomechanical testing of plates and screws in metacarpal fractures.** *International Federation of Societies for Surgery of the Hand (IFSSH) Sydney 2007*

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **Vincula breve biomechanics.** *International Federation of Societies for Surgery of the Hand (IFSSH) Sydney 2007*

Stewart DA, Stephens P, Kim L, Gianoutsos MP, Walsh WR. **Controlled infusion of rhBMP-2 in mandibular distraction osteogenesis.** *International congress of the International Confederation for Plastic, Reconstructive and Aesthetic Surgery (IPRAS), Berlin 2007*

Stewart DA, Taylor K, Johnstone BJ, Coombs CJ. **Structural fat grafting to improve aesthetic outcomes in congenital hand surgery.** New South Wales Hand surgery meeting, Wyong 2011

Stewart DA, Taylor K, Johnstone BJ, Coombs CJ. **Structural fat grafting to improve aesthetic outcomes in congenital hand surgery.** World Symposium on Congenital Malformations of the Hand and Upper Limb. Dallas 2012

Stewart DA, **Early experience with the medial femoral condyle vascularised bone graft.** New South Wales Hand Surgery meeting. Kiama 2014

Paediatric Replantation (Replantation Symposium) New South Wales Hand Surgery meeting. Kiama 2014

Publications

Stewart DA, Finn PJ. **Implementation of SIGN guidelines for the management of head injury in a small district general hospital.** *Scottish Medical Journal*, 2004 49(2): 70

Stewart, DA, Macdonald D, Leach WJ. **Use of calcium sulphate based injectable bone graft substitute in the management of distal radial fractures.** *Journal of Bone & Joint Surgery (Br) Proceedings*, 2006 May; 88-B: 276

Stewart DA, Durrani AJ, Shoib T. **Arterial Supply to type II muscle after fasciocutaneous free flap transfer.** [Letter] *Plastic and Reconstructive Surgery*, 2006 May; 117(6): 2076

Shoib T, Stewart DA, Mackie R, Gray HW, Soutar DS. **The unusual sites of melanoma regional recurrences.** *Journal of Plastic, Reconstructive and Aesthetic Surgery*. 2006;59(9):901-1016 (September 2006)

Stewart KJ, Stewart DA, Coghlan B, Harrison D, Jones B, Waterhouse N. **Complications of 278 consecutive abdominoplasties.** *Journal of Plastic, Reconstructive and Aesthetic Surgery*. 2006;59(11):1152-5

Stewart DA, Stephens PC, Gianoutsos MP, Walsh WR. **Improving bone formation in mandibular distraction osteogenesis with rhBMP-2.** [Abstract] *ANZ J Surg* 76 (Supp 1), A64

Stewart DA, Varma S, Al-Nafussi A, Quaba AA. **Schwannomatosis. Case Series and Review.** [Abstract] *ANZ J Surg* 76 (Supp 1), A66

Soeharno H, Smitham PJ, Stewart DA, Walsh WR. **Three ways to get plastered in Sydney – Properties of Casting Materials.** [Abstract] *ANZ J Surg* 76 (Supp 1), A93

Stewart DA, Yue A, Gianoutsos MP. **Anchoring of pain pump catheters within the rectus fascia in abdominoplasty.** [letter] *Plastic and Reconstructive Surgery*. 2008 Apr;121(4):229e-30e

Stewart DA, Smitham PJ, Nicklin S, Walsh WR. **A new technique for repair of flexor digitorum profundus avulsion.** [Abstract] *J Hand Surg (Br)* 2006 Jun 31 (Supp1) 78

Smitham PJ, Stewart DA, Stephens P, Walsh WR. **Does length matter? Testing the bite size.** [Abstract] *J Hand Surg (Br)* 2006 Jun 31 (Supp1) 79

Stewart DA, Smitham P, Nicklin S, Walsh WR. **A new technique for distal fixation of flexor digitorum profundus tendon.** *J Plast Reconstr Aesthet Surg*. 2008;61(4):475-7

Stewart DA, Smitham P, Gianoutsos MP, Walsh WR. **Biomechanical influence of the vincula tendinum on digital motion following isolated flexor tendon injury: a cadaveric study.** *J Hand Surg [Am]*. 2007 Oct;32(8):1190-4

Rahman M, Stewart DA, Jefferson N, Gianoutsos MP. **A histological analysis of the basis of common nasal reconstructive procedures.** *ANZ J Surg*. 2008 May;78 Suppl 1:A103

Rahman M, Stewart DA, Jefferson N, Gianoutsos MP. **The histology of facial aesthetic subunits: implications for common nasal reconstructive procedures.** *J Plast Reconstr Aesthet Surg* 2010 May;63(5):753-6

Coombs CJ, Ng S, Stewart DA. **The use of V-Y flaps for closure of pretibial skin defects following excision of cutaneous lesions.** *Annals of Plastic Surgery*. 2012 Nov (Epub ahead of print)

Stewart DA, Taylor K, Johnstone BR, Coombs CJ. **Structural fat grafting to improve aesthetic outcomes in congenital hand surgery.** *Plastic and Reconstructive Surgery*. *Plast Reconstr Surg*. 2012 Aug;130(2):386e-7e

Stewart DA, Coombs CJ, Graham HK. **Functional outcome of replantation of the leg in an infant: Case report with 6-year follow-up.** *Journal of Bone & Joint Surgery Case Connector*. 2012 Aug 2(3)

Stewart DA, Pedersen J, Coombs CJ. **Giant cell tumour of tendon sheath in a 4-year-old boy.** *J Hand Surg Eur Vol*. 2014 39(8):889-91

Stewart DA, Coombs CJ, Graham HK. **Application of lower extremity injury severity scores in children.** *J Child Ortho*. 2012 6(5) 427-31

Stewart DA, Coombs CJ, Graham HK. **Evaluation of Mangled Extremity Severity Score (MESS) as a predictor of lower limb amputation in children with trauma.** [Letter] *Eur J Paed Surg*. 2013 23(4):333-4

Stewart DA, Coombs CJ. **Successful replantation of a finger in an 8-month old child.** *Hand Surg*. 2013;18(3):421-3

Stewart DA, McCombe D. **Bilateral Scaphotrapeziotrapezoid coalition with bipartite scaphoid: Case Report.** *J Hand Surg Am* 2013 38(9): 1718-22

Rtshiladze M, Stewart DA, Saw R, Stretch J. **Pigmented Lesions of the Nailbed: Clinical Assessment and Biopsy** *Aust Fam Phys In Press*

Invited Talks

Scotty McKellar Oration: “The Ligament of Struthers: A Scottish – Australian story”. New South Wales Hand Surgery meeting. Kiama 2014

Basic Science and Evidence for Vascularized Bone Grafting (Vascularized Bone Symposium) Invited Lecture: Combined American and Australian Hand Meeting (ASSH & AHSS). Sydney 2016

Functional Free Muscle Transfer Invited Lecture: Neurosurgery Society of Australasia Annual Scientific Meeting, Sydney 2016

Book Chapter

Lawson RD, Stewart DA and Tonkin MA. (2015) **Lesions of the hand**, in Plastic and reconstructive surgery: Approaches and techniques (eds R. D. Farhadieh, N. W. Bulstrode and S. Cugno), John Wiley & Sons, Ltd, Chichester, UK. doi: 10.1002/9781118655412.ch64

Meetings

Integrated Musculoskeletal Trauma Conference. Belfast, 2005

New South Wales Hand Surgery Meeting. Orange, 2005

International Society of Craniofacial Surgery Congress (ISCFS – XI). Coolum, 2005

Annual Scientific Congress of the Royal Australasian College of Surgeons. Sydney, 2006

Federation of European Societies for Surgery of the Hand (FESSH) Glasgow, 2006

Australia and New Zealand Orthopaedic Research Society (ANZORS) Canberra 2006

New South Wales Hand Surgery Meeting. Hunter Valley 2006

International Federation of Societies for Surgery of the Hand (IFSSH). Sydney 2007

International congress of the International Confederation for Plastic, Reconstructive and Aesthetic Surgery (IPRAS). Berlin 2007

International Society of Aesthetic Plastic Surgery (ISAPS) 19th Congress. Melbourne, 2008

Paediatric Plastic Surgery. Melbourne 2009

Annual Scientific Congress of the Royal Australasian College of Surgeons. Perth 2010

New South Wales Hand Surgery Meeting. Wyong 2011

World Symposium on Congenital Malformations of the Hand and Upper Limb. Dallas 2012

Annual Scientific Congress of the Royal Australasian College of Surgeons. Kuala Lumpur, 2012

New South Wales Hand Surgery Meeting. Blue Mountains 2012

Australian Hand Surgery Society Meeting. Darwin 2013

American Society for Surgery of the Hand (ASSH). San Francisco 2013

New South Wales Hand Surgery Meeting. Canberra 2013

Australian Hand Surgery Society Meeting. Gold Coast 2014

New South Wales Hand Surgery Meeting. Kiama 2014

Australian Hand Surgery Society Meeting. Hobart 2015

Combined American Japanese Hand Society Meeting (ASSH, JSSH), Maui 2015

New South Wales Hand Surgery Meeting. Queenstown 2015

Combined American Australian Hand Society Meeting (ASSH, AHSS), Sydney 2016

References

Available on request