

**Mr Ken Stewart      Consultant Plastic Surgeon**

**Workplaces**

Royal Hospital Sick Children, Edinburgh, EH9 1LF

St John's Hospital Livingston, EH54 6PP

**Appointments**

Consultant Plastic Surgeon and Lead Clinician Lothian University Hospitals

Honorary Senior Lecturer University of Edinburgh

Consultant Plastic Spire Murrayfield Hospital

**Qualifications**

B Med Biol Aberdeen University 1989

MbCHB Aberdeen University 1990

MD Aberdeen University 1997

FRCS Ed Plast 2002

## **Research Degrees**

B Med Biol with commendation Aberdeen University “Ultrastructural study of hypertrophic scars”

MD- with commendation Aberdeen University research complete with Professor Michael Poole Sydney Australia. “Distraction osteogenesis of the rabbit mandible”

## **Memberships and Fellowships**

General Medical Council, Specialist Registration in Plastic Surgery since 2002

British Association of Aesthetic Plastic Surgeons- full member since 2002

British Association of Plastic Reconstructive and Aesthetic Surgeons – full member since 2002. Council member since 2012

Euraps – active member since 2011

Royal College Surgeons England- fellow since 1996

Royal College Surgeons Edinburgh – fellow since 1996

## **Training**

House Officer Aberdeen and Glasgow- 1990-91

Basic surgical Training – Newcastle and Edinburgh 1991-96

Craniofacial fellow – St George Hospital Sydney 1996- 1997

Specialist Plastic Surgery Training- Scotland 1997-2002

Fellowship in Craniofacial Surgery- London 1999

Fellowship in Aesthetic Surgery- London 2002

Fellowship in Microsurgery – Toronto 2002

## **Clinical Interests**

Ear reconstruction

Paediatric Burns

General paediatric plastic surgery

HIV lipodystrophy

Aesthetic Surgery

### **Academic Activities**

2010- present Collaboration with stem cell scientists and polymer chemist at Edinburgh University and co-supervision of two grant funded PhD projects on tissue engineering for cartilage and fat.

2008 Guest editor Journal Plastic Reconstructive and Aesthetic Surgery (JPRAS)– special edition on Ear Reconstruction.

2003-Present Editorial Board and Reviewer JPRAS

2006-2010 supervisor Dr Lisa Nelson – postgraduate research fellow HIV lipodystrophy- (100K grant Henry Smith Foundation)- MD awarded

2004-2006 co- supervisor Dr Kirsty Munro- postgraduate research fellow paediatric burns- IGF-1 and inflammatory cytokines (100K grant Healing Foundation)

2005- supervisor Dr Lyndsay Jeans- absorbable suture study ( 5K grant BMA)

2005-2007 Research team member Scottish Bell's Palsy Study group

2002-2008 supervisor special studies module students 2-3 per year

Recent best paper prizes

1. British Burns Association and British Plastic, Reconstructive and Aesthetic Surgeons meetings by Mr Fadlo Shaban undergraduate student
2. British Association Aesthetic Plastic Surgeons HIV Lipodystrophy by Dr Lisa Nelson

### **Teaching and Professional Activities**

Founder member and Treasurer International Society for Auricular Reconstruction 2012

Lead Clinician plastic Surgery NHS Lothian 2009- 2012

Local Organiser Euraps Edinburgh 2015

2011-12 NICE Advisor on otoplasty and permanent injectable fillers

Chairperson and Conference Organiser – Forth International Congress on Auricular Reconstruction October 2007 Royal College of Surgeons of Edinburgh

Conference Organising Committee- British Burns Association Annual Napier Meeting 2004 Herriot Watt University

.Member SIGN guidelines Group on Meningococcal disease.

Co-Chair- Scottish Health Department (Modernisation Agency) Plastic Surgery Pathways Group”. This group set out the pathway for the exceptional referrals pathway now adopted across Scotland with initial assessment of all NHS “cosmetic referrals by clinical psychologists and specialist nurses. This pathway has been successful in directing care to those most in need and reducing plastic surgery waiting times.

Lead Clinician Scottish Ear Reconstruction Service. RHSC Edinburgh and St Johns Livingston are now funded by the National Services Division for autologous ear reconstruction following a successful application in 2008.

Lead Clinician 2004-2005 for modernisation project “Day case Hand Trauma” as part of UK “Action on Plastic Surgery”

Chairperson Care of Burns in Scotland Paediatric Group. Established national guidelines for the care of paediatric burns.

Lead Clinician Plastic Surgery NHS Lothian 2009- 2012

Assisted in successful lobbying Scottish Parliament for legislation to insure Thermostatic mixing valves are fitted to all new build Scottish houses to reduce the incidence of paediatric scalds.

Established Lothian treatment programme for HIV Associated Lipodystrophy 2002-2009

### **Invited Lectures**

November 2012 Irish Association of Plastic Surgeons, Dublin “Aesthetic Ear Surgery”

October 2012 - British Association of Oral , Maxillofacial Surgery “Ear Reconstruction”

September 2012- British Association of Aesthetic Plastic Suregry training day “Aesthetic Ear Surgery” and “Facial Recontouring”

July 2012 ENT-UK Glasgow “Surgery for Congenital Ear Anomalies”

November 2010 British Association Plastic Reconstructive and Aesthetic Surgeons “Advanced Education Course in Craniofacial Surgery “Microtia”

June 2010 British Occuloplastic Surgery Society “Scar Management”

March 2010 British Association of Pediatricians’ in Audiology “Microtia”

November 2009 British Liaison Psychiatrists National Meeting “Psychological Evaluation of Plastic Surgery Patients”

November 2009 “Paediatric Burns” care of Burns in Scotland MCN at the Royal college of Surgeons of Edinburgh

November 2009 “Aesthetic Surgery for the Ear and Nose” Royal College of Physicians Glasgow

October 2009- “Ear Reconstruction” Chinese Academy of Medical sciences Beijing

September 2008- “Facial Reconstruction” Scottish Conference on Occular Trauma Royal College Surgeons Edinburgh

June 2009 “Clinical Treatment of HIV Lipodystrophy” Chelsea and Westminster Hospital London

March 2009 “Autologous Ear Reconstruction” James Cook University Hospital Middlesborough at the North of England Plastic Surgery Society.

October 2006 “Paediatric Plastic Surgery” Poznan University Poland

October 2005 “Reconstructive Plastic Surgery” Highland Medical Society.

## **Publications**

### **Peer reviewed papers**

Al-Hadithy N, Mennie J, Magos T, Stewart K. Desire for post bariatric body contouring in South East Scotland. J Plast Reconstr Aesthet Surg. 2012 Oct 12. doi:pii: S1748-6815(12)00500-1. 10.1016/j.bjps.2012.08.041. [Epub ahead of print]

Szychta P, Orfanotis G, Stewart KJ. Revision otoplasty: an algorithm. Plast Reconstr Surg. 2012 Oct;130(4):907-16.

Breugem CC, Stewart KJ, Kon M International trends in the treatment of microtia.. J Craniofac Surg. 2011 Jul;22(4):1367-9.

Nelson L, Stewart KJ. Psychological morbidity and facial volume in HIV lipodystrophy: quantification of treatment outcome. J Plast Reconstr Aesthet Surg. 2012 Apr;65(4):439-47.

Schaverien M, Moran G, Stewart K, Addison P. Activation of the masseter muscle during normal smile production and the implications for dynamic reanimation surgery for facial paralysis. J Plast Reconstr Aesthet Surg. 2011 Dec;64(12):1585-8.

Kean J, Stewart KJ. Remodelling of the pinna in myxoid degeneration of the ear. J Plast Reconstr Aesthet Surg. 2010 Jul;63(7):e556-60. Epub 2009 Dec 22.

Schaverien MV, Al-Busaidi S, Stewart KJ. Long-term results of posterior suturing with postauricular fascial flap otoplasty. J Plast Reconstr Aesthet Surg. 2010 Sep;63(9):1447-51

Nelson L, Stewart KJ. Early and late complications of Polyalkylamide gel (Bio-Alcamid)(R). *J Plast Reconstr Aesthet Surg.* 2011 Mar;64(3):401-4. Epub 2010 Jul 16

Rao P, Schaverien MV, Stewart KJ. Soft tissue management of children's open tibial fractures--a review of seventy children over twenty years. *Ann R Coll Surg Engl.* 2010 May;92(4):320-5.

Chummun S, Addison P, Stewart KJ. The osmotic tissue expander: A 5-year experience.. *J Plast Reconstr Aesthet Surg.* 2010 Dec;63(12):2128-32. Epub 2010 Feb 18

Sullivan FM, Swan IR, Donnan PT, Morrison JM, Smith BH, McKinstry B, Davenport RJ, Vale LD, Clarkson JE, Hernández R, Stewart K, Hammersley V, Hayavi S, McAteer A, Gray D, Daly F. A randomised controlled trial of the use of aciclovir and/or prednisolone for the early treatment of Bell's palsy: the BELLS study. *Health Technol Assess.* 2009 Oct;13(47):iii-iv, ix-xi 1-130.

Nair S, Richardson EA, Thompson WR, Shortt NK, Stewart KJ. The influence of geography on uptake of plastic surgery services - analysis based on bilateral breast reduction data. *J Plast Reconstr Aesthet Surg.* 2010 Apr;63(4):666-72

Nelson L, Stewart KJ. Plastic surgical options for HIV-associated lipodystrophy. *J Plast Reconstr Aesthet Surg.* 2008;61(4):359-65.

Nelson L, Stewart KJ. Experience in the treatment of HIV-associated lipodystrophy. *J Plast Reconstr Aesthet Surg.* 2008;61(4):366-71

Sullivan FM, Swan IR, Donnan PT, Morrison JM, Smith BH, McKinstry B, Davenport RJ, Vale LD, Clarkson JE, Hammersley V, Hayavi S, McAteer A, Stewart K, Daly F. Early treatment with prednisolone or acyclovir in Bell's palsy. *N Engl J Med.* 2007 Oct 18;357(16):1598-607.

Nelson L, Fried M, Stewart K. The risks of surgery in HIV-infected patients. *J Perioper Pract.* 2007 Oct;17(10):470, 472-5, 478

Mandal A, Bahia H, Ahmad T, Stewart KJ. Comparison of cartilage scoring and cartilage sparing otoplasty--A study of 203 cases. *J Plast Reconstr Aesthet Surg.* 2006;59(11):1170-6.

Stewart KJ, Stewart DA, Coghlan B, Harrison DH, Jones BM, Waterhouse N. Complications of 278 consecutive abdominoplasties. *J Plast Reconstr Aesthet Surg.* 2006;59(11):1152-5] (**Top 10 most commonly cited JPRAS paper**)

Gaston MS, Amin A, Stewart KJ. Should plastic surgery experience be an integral part of orthopaedic and trauma surgical training? *Med Educ.* 2005 Mar;39(3):345.

Stewart KJ, Ahmad T, Razzell RE, Watson AC. Altered speech following adenoidectomy: a 20 year experience. *Br J Plast Surg.* 2002 Sep;55(6):469-73.

Anderson WD, Stewart KJ, Wilson Y, Quaba AA. Skin grafts for the salvage of degloved below-knee amputation stumps. *Br J Plast Surg.* 2002 Jun;55(4):320-3.

Sciscio A, Stewart K, Grewal J, Mulhern M, Barlow R, Markey A, Joshi N. Periocular Mohs micrographic surgery: Results of a dual-site day-surgery service. *Orbit.* 2001 Sep;20(3):209-215.

Stewart KJ, Tytherleigh-Strong G, Bharathwaj S, Quaba AA The soft tissue management of children's open tibial fractures. *J R Coll Surg Edinb.* 1999 Feb;44(1):24-30.

Stewart KJ, Lvoff GO, White SA, Bonar SF, Walsh WR, Smart RC, Poole MD. Mandibular distraction osteogenesis: a comparison of distraction rates in the rabbit model. *J Craniomaxillofac Surg.* 1998 Feb;26(1):43-9.

Tavakoli K, Stewart KJ, Poole MD. Distraction osteogenesis in craniofacial surgery: a review. *Ann Plast Surg.* 1998 Jan;40(1):88-99. Review.  
PMID: 9464706 [PubMed - indexed for MEDLINE]

Nyam DC, Wilson RG, Stewart KJ, Farouk R, Bartolo DC. Island advancement flaps in the management of anal fissures. *Br J Surg.* 1995 Mar;82(3):326-8.

Stewart KJ. A quantitative ultrastructural study of collagen fibrils in human skin, normal scars, and hypertrophic scars. *Clin Anat.* 1995;8(5):334-8.

### **Editorials**

Stewart KJ, Wikström SO. Autologous Ear Reconstruction- Celebrating 50 Years. *J Plast Reconstr Aesthet Surg.* 2008 Nov 7.

Nelson L, Stewart KJ. HIV and the surgeon. *J Plast Reconstr Aesthet Surg.* 2008;61(4):355-

## **Short reports**

Price GJ, Stewart KJ. Heterotopic ossification of a temporal fascial flap pedicle in ear reconstruction. *J Plast Reconstr Aesthet Surg.* 2010 Feb;63(2):e146-7.

Spielmann PM, Harpur RH, Stewart KJ. Timing of otoplasty in children: what age? *Eur Arch Otorhinolaryngol.* 2009 Jun;266(6):941-2.

Stewart K. Comment on "In vivo perfusion analysis of normal and dysplastic ears and its implication on total auricular reconstruction". *J Plast Reconstr Aesthet Surg.* 2009 Aug;62(8):1099..

Durrani AJ, Stewart KJ. An alternative system for suction drainage following first-stage total ear reconstruction. *Plast Reconstr Surg.* 2005 Jun;115(7):2152.

Reid LA, Cahoon N, Stewart KJ. A prospective randomized control trial comparing one monofilament absorbable suture to a braided absorbable suture in children. *J Plast Reconstr Aesthet Surg.* 2008 Aug 19.

Chan LK, Stewart KJ. Pinnaplasty trends in Scottish children. *J Plast Reconstr Aesthet Surg.* 2007;60(6):687-9.

Stewart KJ, Holmes JD, Kolhe PS. Neonatal excision of minor congenital anomalies under local anaesthetic. *Br J Plast Surg.* 2002 Mar;55(2):170.

Blakey CM, Alexander KS, Galea G, Stewart KJ. The implications of a new Code of Practice on the storage of human skin for a regional plastic surgery unit. *Burns.* 2007 May;33(3):399-400.

Stewart KJ, Pape SA. Pop Tarts--so hot they scald. *Burns.* 1993 Dec;19(6):541.

## **Case Reports**

Duncan RA, Waterston S, Beattie TF, Stewart K.  
Contact burns from hair straighteners: a new hazard in the home. *Emerg Med J.* 2006 Mar;23(3)

Skipworth RJ, Smith GH, Stewart KJ, Anderson DN.  
The tip of the iceberg: a giant pelvic atypical lipoma presenting as a sciatic hernia. *World J Surg Oncol.* 2006 Jun 21;4:33.

Smith GH, Skipworth RJ, Terrace JD, Helal B, Stewart KJ, Anderson DN.  
Paraileostomy recontouring by collagen sealant injection: a novel approach to one aspect of ileostomy morbidity. Report of a case. *Dis Colon Rectum.* 2007 Oct;50(10):1719-23.

Stewart KJ, Wilson Y, Keating JF. Suction dressings are no substitute for flap cover in acute open fractures. *Br J Plast Surg.* 2001 Oct;54(7):652-3.

Stewart KJ, Acolet D, Peterson D. Leptomeningocele: a rare complication of ventouse delivery. BJOG. 2000 Sep;107(9):1173-5.]

Jaramillo MJ, Stewart KJ, Kolhe PS. Phenytoin induced rhinophyma treated by excision and full thickness skin grafting. Br J Plast Surg. 2000 Sep;53(6):521-3.

Stewart KJ, Telfer S, Bown KJ, White MI. Cowpox infection: not yet consigned to history.  
Br J Plast Surg. 2000 Jun;53(4):348-50

Stewart KJ, Ahmed OA, Laing RB, Holmes JD. Mycobacterium tuberculosis presenting as sternal osteomyelitis. J R Coll Surg Edinb. 2000 Apr;45(2):135-7.