

DR PETER ANTHONY HAERTSCH

PLASTIC AND RECONSTRUCTIVE SURGEON

MB BS FRCS (EDIN) FRACS

QUALIFICATIONS

ACCREDITATIONS

Memberships

Fellow Royal Australasian College of Surgeons
Member Australian & New Zealand Burn Association
Member American Burn Association
Founding Member American Academy of Wound Healing Physicians

SUB-SPECIALTIES

CURRENT POSITIONS

Clinical Associate Professor
Sydney University

Clinical Associate Professor
University of Wollongong

Head of Department & Senior Plastic Surgeon
Concord Hospital

Director Burns Surgery
Concord Hospital

Head of Department Operating Theatres
Concord Hospital

Visiting Plastic Surgeon
Wollongong & Shellharbour Hospitals

Consultant Burn Surgeon
New Caledonia

Faculty Member

John Boswick Burn Care & Wound Healing group, Maui

Instructor

Emergency Management Severe Burn Injury Course ANZBA

Accredited Specialist

Motor Accidents Authority NSW

Accredited Specialist

WorkCover Tasmania

Accredited Specialist

WorkCover Western Australia

Head of Department & Senior Plastic Surgeon

Concord Hospital

Co-Chairman

Sydney Local Health District Surgical Demand Committee

Chairman

Theatre Utilisation Committee Concord Hospital

Member

Steering Committee, Shellharbour Hospital Perioperative Redesign Project 2015

Reviewer

Australasian Journal of Plastic Surgery October 2017

**PROFESSIONAL
EXPERIENCE**

POSITIONS FORMERLY HELD

Founding Chairman

NSW Severe Burn Injury Service

Founding Chairman

Sydney Burns Foundation - a Division of the Medical Foundation Sydney University

Responsible for the establishment of an Academic Chair in Burn Care & Rehabilitation at Sydney university

Founding Director (1974)

Accident & Emergency Centre Concord Hospital, responsible for the design, equipping, staffing and developing medical records

Member Expert Advisory Group on Gender Differences

NSW Health

Visiting Professor Indonesian Society Plastic Surgeons (PERAPI) (2010, 2011)

Employer, Location

Visiting Plastic Surgeon (1983-2013)

Blacktown & Mount Druitt Hospitals

Other activities

Founding Chairman

KSAP (Kiama Shellharbour Albion Park Dairy Farmers Collective Bargaining Group)

Subpoenaed to give evidence to The Samuels Inquiry into Grocery Prices 2008

Directly responsible for raising the Permeate addition to drinking milk issue

BIOGRAPHY

VOLUNTARY WORK

INTERPLAST AUSTRALIA

This is voluntary Plastic Surgery in the Pacific, the surgery being performed by a team of 2 surgeons, an anaesthetist and a theatre nurse over a 2 week period of a purely voluntary basis. The aims of Interplast are

- Practical plastic surgical care by the Interplast team 2
- Stimulating local interest in the importance and scope of plastic surgery
- Teaching and training of local medical, nursing and health care staff
- Sponsoring further training of selected medical personnel in Australia
- Treating selected patients with difficult medical problems in Australian hospitals.

To date I have participated in 50 such missions over a period of 30 years. I have

been to New Guinea, Fiji, Kiribati, the Cook Islands on 6 occasions, and the Solomon Islands on 3 occasions, Vanuatu on 2 occasions and the Philippines on 8 occasions. I have personally performed more than 500 cleft lip and palate operations in the Philippines, radically changing the lives of these young children.

In November 2003, by invitation, I was part of an assessment team to Islamabad and Peshawar in Northern Pakistan to assess how Interplast may help deal with the victims of acid burns as a result of honour crimes.

In August 2008, 4-day emergency trip to Mwanza, Tanzania to reconstruct upper and lower eyelids for a 7 year old girl who was extremely badly burned and going blind.

In August 2012 I went to Kathmandu in Nepal to assess the need to establish an emergency management of severe burn injury course there.

SWINFEN CHARITABLE TRUST

Volunteer Consultant Swinfen Charitable Trust UK

BALI VICTIMS

I was responsible for the coordination, management and treatment of 10 victims from the Bali disaster at Concord Hospital Burns Unit in October 2002.

MADANG CONTAMINATED FUEL DISASTER

I was contacted by Consumer Affairs from Papua New Guinea and asked to travel to Madang to examine patients who were suffering post-burn sequelae as the result of the contaminated fuel disaster in January 2001. Subsequently, under contract, I returned to New Guinea to perform the reconstructive surgery on 10 patients.

LOCATION

NSW

ADDITIONAL INFO

PUBLICATIONS

1. Use of the computer in Emergency & Accident Centre
Bulletin of the Postgraduate Committee in Medicine
University of Sydney August 1976
2. The blood supply to the skin of the leg: a post-mortem investigation
British Journal of Plastic Surgery October 1981 34(4) pp470-477
3. The surgical plane in the leg
British Journal of Plastic Surgery October 1981 34(4) pp464-469
4. Local recurrence and intracerebral spread of squamous cell carcinoma of the scalp
Plastic & Reconstructive Surgery February 1990 85(2) pp284-288
5. An unusual cause of thigh pain after total hip arthroplasty
Journal of Arthroplasty April 1995 10(2) pp203-204
6. Ten years' experience in gender reassignment surgery: a preliminary report
Venereology, The interdisciplinary international journal of sexual health
Volume 10 number 3 1997 pp166-173
7. The initial experience of Integra in the treatment of post burn anterior neck
Contracture and hypertrophic scarring.
Abstract Annual Scientific Congress Royal Australasian College of Surgeons
Sydney 3-8th May 1998
8. Initial experience of Integra in the treatment of post burn anterior cervical neck
contracture.
British Journal of Plastic Surgery
Volume 53 No 8 2000 pp652-658
9. Short report. Reconstructive surgery using an artificial dermis (Integra)
British Journal of Plastic Surgery Vol 55 pp362-367 2002
10. Burns "How to Treat". Australian Doctor, August 1, 2003.
11. Re Initial experience with cultured epithelial autografts in massively burnt patients. Letter to Editor ANZ Journal of Surgery Vol 74 no 3 2004 P175

12. The Bali Disaster, Implications and Lessons learned
Journal of Burns Care and Rehabilitation 2005; 26:125-131
13. Journal of Burn Care and Rehabilitation. Burns and amputations – a 24 year experience. P.J. Kennedy & P. Haertsch (November 2006, Vol 27 pp.183-188)
14. Letter to the Editor Re: Journal of the International Society for Burn Injuries (Vol 34, Issue 6, September 2008, p 899) The use of non-cultured or polymer cell suspension and Integra dermal regeneration template to repair full thickness skin wounds in a porcine model, a one step process.
15. Journal of the International Society for Burn Injuries. Adult Burn Injuries due to Domestic Barbeques in NSW. A. Kajlessi, P. Maitz, P. Haertsch & P. Kennedy (Vol 34, Issue 7, November 2008, p 1002)
16. Burns 2007; 33(6):693-700. Re: The use of a non-cultured autologous cell suspension and Integra ((R)) dermal regeneration template to repair full thickness skin wounds in a porcine skin model: A one-step process.
17. Journal of Burn Care & Rehabilitation. Rehabilitation of speech and swallowing after burns reconstructive surgery of the lips and nose. N Clayton, J Ledgard, P Haertsch, P Kennedy, P Maitz. Nov-Dec 2009.
18. Australian & New Zealand Journal of Obstetrics & Gynaecology 2011, Vulva leiomyoma in association with gastrointestinal leiomyoma. Quan Ngo and Peter Haertsch, Concord Hospital, Sydney.
19. Antimicrobial Resistance Control, December 2013. Persistence of related BLA-IMP-4 Metallo-beta-lactamase producing Enterobacteriaceae from clinical and environment specimens within a burns unit in Australia – a 6 year retrospective study. E Cheong, Andrea Issler, Peter Haertsch.
20. Microbiological findings in burn patients treated in a general versus a designated intensive care unit: Effect on length of stay. Andrea C. Issler-Fisher, Richard M Fakin, Oliver M Fisher, Genevieve McKew, Riccardo Gazzola, Ann-Katherin Rauch, Thomas Gottlieb, Peter Haertsch, Merlin Guggenheim, Pietro Giovanoli, Peter K.M. Maitz.
21. Bowtie Technique - A novel approach to correct the widened ventral labia after male to female gender reassignment surgery.
European Journal of Plastic Surgery 2016 39 (6) 453-458
D.G.Laing, J.R.Dusseldorp. C. Van Schalkywyk. P. Haertsch.

22. Microbiological findings in burn patients treated in a general versus a designated intensive care unit: Effect on length of stay: Andrea C. Issler-Fisher, Richard M Fakin, Oliver M Fisher, Genevieve McKew, Riccardo Gazzola, Ann-Kathrin Rauch, Thomas Gottlieb, Peter Haertsch, Merlin Guggenheim, Pietro Giovanoli, Peter K.M. Maitz.
23. Ablative fractional CO2 laser for burn scar reconstruction: An extensive subjective and objective short-term outcome analysis of a prospective treatment cohort
Andrea C. Issler-Fisher, Oliver M. Fisher, Ania O. Smialkowski, Frank Li, Constant P. van Schalkwyk, Peter Haertsch, Peter K.M. Maitz
24. Ablative fractional resurfacing in acute care management of facial burns: a new approach to minimise the need for acute surgical reconstruction. Clayton NA, Haertsch PA, Maitz PK, Issler-Fisher AC. (J Burn Care Res. 2019 Mar 7. pii: irz030. doi: 10.1093/jbcr/irz030. [Epub ahead of print]).
25. Ablative fractional resurfacing for burn scar management affects the number and type of elective surgical reconstructive procedures, hospital admission patterns as well as length of stay. Issler-Fisher AC, Fisher OM, Aggarwala S, Haertsch P, Maitz PK. (Burns. 2019. In print).
26. Ablative fractional CO2 laser for burn scar reconstruction: An extensive subjective and objective short-term outcome analysis of a prospective treatment cohort. Issler-Fisher AC, Fisher OM, Smialkowski AO, Li F, van Schalkwyk CP, Haertsch P, Maitz PK. (Burns. 2017 May;43(3):573-582.doi:10.1016/j.burns.2016.09.014. Epub 2016 Oct 1)
27. Microbiological findings in burn patients treated in a general versus a designated intensive care unit: Effect on length of stay. Issler-Fisher AC, Fakin RM, Fisher OM, McKew G, Gazzola R, Rauch AK, Gottlieb T, Haertsch P, Guggenheim M, Giovanoli P, Maitz PK. (Burns. 2016 Jun 29. pii: S0305-4179(16)30194-2. doi: 10.1016/j.burns.2016.06.019. Epub 2016 Jun 29)28
28. Co-author on the manuscript "Identification of HIV Transmitting CD11c+ Human Epidermal Dendritic Cells" (reference number: NCOMMS-19-02648B), which was submitted to Nature Communications.
29. Ablative Fractional Resurfacing in Acute Care Management of Facial Burns: A

New Approach to Minimize the Need for Acute Surgical Reconstruction. Nicola A. Clayton BAppSc (Speech Pathology), MScMeD, PhD, Peter A. Haertsch, AM, MB, BS, FRCS Edin, FRACS, Peter K. Maitz, AM, MD, FRACS and Andrea C. Issler-Fisher, MD (June 2019)

30. Ablative fractional resurfacing for burn scar management affects the number and type of elective surgical reconstructive procedures, hospital admission patterns as well as length of stay. Andrea C. Issler-Fisher, Oliver M. Fisher, Nicola A. Clayton, Shivani Aggarwala, Peter A. Haertsch, Zhe Li, Peter K.M. Maitz.³³
31. Identification of HIV transmitting CD11c+ human epidermal dendritic cells
Kirstie M. Bertram^{1,2,14}, Rachel A. Botting^{1,2,3,14}, Heeva Baharlou^{1,2,14}, Jake W. Rhodes^{1,2}, Hafsa Rana^{1,2}, J. Dinny Graham^{1,2}, Ellis Patrick^{1,2}, James Fletcher³, Toby M. Plasto^{1,2}, Naomi R. Truong^{1,2}, Caroline Royle^{1,2}, Chloe M. Doyle^{1,2}, Orion Tong^{1,2}, Najla Nasr^{1,2}, Laith Barnouti⁴, Mark P. Kohout⁴, Andrew J. Brooks⁵, Michael P. Wines⁶, Peter Haertsch⁷, Jake Lim⁸, Martijn P. Gosselink^{1,5}, Grahame Ctercteko^{1,5}, Jacob D. Estes⁹, Melissa J. Churchill¹⁰, Paul U. Cameron¹¹, Eric Hunter¹², Muzlifah A. Haniffa^{3,13}, Anthony L. Cunningham^{1,2} & Andrew N. Harman^{1,2} Langerhans cells (LC) are thought to be the only mononuclear phagocyte population in the epidermis where they detect pathogens. Here, we show that CD11c+ dendritic cells (DCs) are also present. These cells are transcriptionally similar to dermal cDC2 but are more efficient antigen-presenting cells. Compared to LCs, epidermal CD11c+ DCs are enriched in anogenital tissues where they preferentially interact with HIV, express the higher levels of HIV entry receptor CCR5, support the higher levels of HIV uptake and replication and are more efficient at transmitting the virus to CD4 T cells. Importantly, these findings are observed using both a lab-adapted and transmitted/founder strain of HIV. We also describe a CD33^{low} cell population, which is transcriptionally similar to LCs but does not appear to function as antigenpresenting cells or acts as HIV target cells. Our findings reveal that epidermal DCs in anogenital tissues potentially play a key role in sexual transmission of HIV.

Reviewed Papers

Surgical Journal of Australia. Overwhelming burn casualties – hard truths.

February 2003

Chemical Injuries. The Tasmanian Burns Unit Experience.

ANZ Journal of Surgery 73, pp 45-48

Book Reviews – Total Burns Care

ANZ Journal of Surgery 73, (4), p 176

DVD/Video

Production DVD/Video “Burns Management” (110mins) for distribution by Interplast Australia in the south Pacific and Asia.

ADDITIONAL INFO

PRESENTATIONS

1. Presentation to the Winter Meeting of the British Association of Plastic Surgeons Entitled “A post mortem investigation of the blood supply to the lower limb”, 1981
2. Hong Kong orthopaedic Group, Princess Margaret Hospital Hong Kong, “Anatomical basis for skin flaps in the lower limb” 1981
3. Concord Hospital Burns Care We Care, Current concepts in burn management, Conference 1984
4. Royal Prince Alfred Hospital Surgical Division Meeting 1985, Current concepts in burn surgery, Royal Prince Alfred Hospital Surgical Division Meeting 1985.
5. NSW Chapter of Plastic Surgeons, Evolving gender reassignment surgery NSW 1987.
6. The Hills Private Hospital Plastic Surgery Nursing Skills Course, Skin grafts, flaps, terminology, classification, indications and complications, 1995.
7. NSW General Practitioners General Conference, Randwick. The spectrum of plastic surgery, 1996.
8. I have organised and participated in Saturday Burn Seminars for country practitioners in Cowra, Lithgow, Wagga and Queanbeyan.
9. Contributions have been made in relation to burn surgery and gender

reassignment surgery to The Sydney Morning Herald, Cleo magazine, Woman's Day and New Idea.

10. Argentine Plastic Surgery Meeting Buenos Aires, October 2001
11. International Congress of International Confederation of Plastic, Reconstructive & Aesthetic Surgery, Sydney, August 2003.
12. Australian College of Emergency Nursing, "We've got talent – innovation, practice & research advancing emergency care", Wollongong 2008
13. NSW Urological Nurse Association Professional Development Day, Burwood, June 2012.
14. Guest Speaker at Health & Wealth Symposium held at The Epping Club, April 2009.
15. Innovations Series, Australian Research Creating Breakthrough Technologies in Health, Hilton Brisbane, November 2010.
16. NSW State Legal Conference, Motor Accidents Compensation Act Part I, Sydney, March 2011.
17. Australasian Sexual Health Conference, Transgender Health, Canberra ACT, September 2011.
18. International Society of Burn Injury Congress, Edinburgh, August 2012.

INVITED SPEAKER

NSW Operating Theatre Assn 46th Annual Conference, Randwick, April 2003. The Bali Experience.

Guest Professor 14th Annual Scientific Meeting of the Indonesian Society of Plastic Surgeons, May 2010.

The John Boswick Burn & Wound Healing Symposium, February 2003.

- (1) The tyranny of distance, NSW, with respect to treatment of major burn injuries.

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2004

- (1) Burns in Developing countries

(2) Integra revisited

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2005

(1) Meningococcal Disease and Compartment Syndrome

(2) Interplast Australia

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2006

(1) Bowel Management Systems in Burns (Zassi)

(2) Chemical Burns in Pakistan

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2007

(1) Re cell – Literature Review

(2) Thinking Outside the Square – Management of Major Burn Injuries

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2008

(1) Unusual Electrical Injuries

(2) Blisters – Update

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2009

(1) Out of Africa

(2) Body Integrity Identity Disorder

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2010

(1) Ethical Issues dealing with the Unsurvivable Burn

(2) Skin Graft Preservation

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2011

(1) Third generation skin template – elastin.

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2012.

(1) Bacteria in the Burns Unit.

John Boswick Burn Care and Wound Healing Symposium, Maui, February 2013.

- (1) Our approach to antibiotic use in the Burns Unit.

John Boswick Burn Care and Wound Healing Symposium Maui, February 2014.

- (1) An update of the management of pruritis.
- (2) Ongoing environmental and wound surveillance in the Burns Unit.

John Boswick Burn Care and Wound Healing Symposium Maui, February 2015.

- (1) Burn care in developing countries.

John Boswick Burn Care and Wound Healing Symposium Maui, February 2016

- (1) Total Nasal Reconstruction in Pan Facial Burns

John Boswick Burn Care and Wound Healing Symposium Maui, February 2017

- (1) The Tyranny of Distance and The Passage of Time
- (2) A Chainsaw, Two Policemen and a Taser. What Could Possibly Go Wrong?

John Boswick Burn Care and Wound Healing Symposium Maui, February 2018

- (1) Concrete Burns and Necrotizing Sweets Syndrome

AWARDS

1. Medal in the Order of Australia (OAM) for surgical treatment of the Bali Victims. December 2003
2. Awarded the Rotary Paul Harris Fellowship August 2012
3. Certificate of Appreciation from the Royal Australasian College of Surgeons 1998 in recognition of voluntary contributions to the Pacific Islands Project.
4. Certificates of Congressional Recognition the House of Representatives of The Philippines August 1999, August 2001, August 2009, for recognition for voluntary services in the city of Cagayan de Oro.
5. Certificate expressing gratitude from the Australian Government August 2001 recognising voluntary services in developing countries.
6. December 2001 Consultancy Consumer Affairs Commission Papua New Guinea

Government to examine, photograph and assess costs related to treatment of 17 severely burned patients in the BP Madang contaminated fuel disaster of February 2001.

7. Excellence in Teaching Award, Central Clinical School, University of Sydney, Faculty of Medicine, 2001.
8. Certificate of Congressional Recognition the House of Representatives of The Philippines August 2000 for recognition of voluntary services in Cagayan de Oro.
9. Excellence in Teaching Award, Central Clinical School, University of Sydney, Faculty of Medicine, 2002.
10. Certificate expressing gratitude from the Australian Government for services in The Philippines and the Cook Islands, September 2003.
11. Certificate of recognition for contribution to clinical teaching at The University of Sydney Central Clinical School, 2003, 2004, 2005.
12. Postgraduate Medical Institute Hayatabad Medical Complex, Peshawar Pakistan. Certificate of Recognition, April 2006,
13. Certificate of Recognition Pakistan Medical Association, October 2005.
14. Certificate of appreciation from Benguet General Hospital, in recognition of voluntary services in The Philippines, November 2010.
15. Certificate of appreciation from Interplast Australia & New Zealand in recognition of voluntary services in Nuku'alofa, Tonga in September 2010.
16. Innovation Award Winner, Sustainability Awards, Canada Bay Council, September 2011.
17. Certificate of appreciation from Interplast Australia & New Zealand in recognition of voluntary services in Baguio City, Philippines in October-November 2010.
18. Nominated for Australian of the Year 2011.
19. Nominated for Australian of the Year 2012.
20. Certificate of Appreciation for contribution to Clinical Teach, Sydney Medical School, University of Sydney, 2012.
21. Interplast Certificate recognising participation in over 40 missions (2013)
22. Member Order of Australia Jan 2018 for significant service to medicine in the field of plastic & reconstructive surgery as a clinician & administrator, and to

medical education.

Courses Attended

Court Appearances for the Expert Witness. Leo Cussen Institute, Royal Australasian College of Surgeons, May 2001.

AO Craniomaxillofacial Course, Stamford Sydney Airport, June 2002.

Australasian Definitive Surgical Trauma Care Course, Liverpool Hospital, July 2004

Medical Defence Association of Victoria, MDAV Roadshow June 2005.

QMP Reconstructive Surgery Symposium, St Louis Missouri, September 2007.

Foundation Skills for Surgical Educators Feb 2017.

COMMUNITY ACTIVITIES

- Number 1 ticket holder and Patron of the Albion Park Football Team
- Patron of the Ourimbah Rugby League Team
- Patron of the Ourimbah Rugby Union Club
- Patron of the Ourimbah Junior and Senior Netball Association

INTERESTS

- Significant dairy interest and has been responsible for introduction of the Renita family of Holstein Friesians into Australia.
- Certificate in Horticulture
- Certificate in Apiculture
- Certificate in Photography
- Certificate in Welding