

## QUALIFICATIONS

### Academic positions

Adjunct Professor, Orthopaedic Research, Queensland University of Technology  
Senior Lecturer, School of Health and Rehabilitation Sciences, University of Queensland

### Degrees

FRACS (Orth) - Fellowship of the Royal Australian College of Surgeons (Orthopaedic Surgery) (January 1997)  
M.B.,B.S (Hons) - Bachelor of Medicine and Bachelor of Surgery with 2<sup>nd</sup> Class Honours (University of Qld 1987)

### Current Appointment

Spinal Surgeon, SpinePlus Private Practice, Brisbane Private Hospital

### Fellowship

Fellow in Spinal Surgery (May 1997 – April 1998), Centre for Spinal Surgery, Queens Medical Centre, Nottingham England

### Past Positions

Chairman, AO Spine Asia-Pacific 2000-2002  
Clinical director, QUT-AO Spine Centre, Brisbane, Australia 2001-2004  
Scientific secretary, Australian Orthopaedic Association Queensland Branch 2002-2005  
President, AO Registrars Association 2005

### Memberships

Australian Orthopaedic Association (Fellow)  
Spine Society of Australia (Fellow)  
ISSLS - International Society for the Study of the Lumbar Spine (Fellow)  
Australian Medical Association (Specialist Member)

### Book chapters

“Chapter 69. Posterior Cervical Osteotomy” Paul Licina and Geoffrey N Askin, in “Spine Surgery. Tricks of the Trade. 3<sup>rd</sup> edition”. Alexander Vaccaro and Todd Albert, Thieme (2016)

“Strength measurement”, Paul Licina, in "Measurements in Spine Care". Jens Chapman et al, Thieme (2012)

### Papers Published

“Comparison of silicate-substituted calcium phosphate (Actifuse) with recombinant human bone morphogenetic protein-2 (Infuse) in posterolateral instrumented lumbar fusion”, Licina P, Coughlan M, Johnston E, Percy M. Global Spine Journal, 2015; 5:471-8

“Patient expectation, outcomes and satisfaction: related, relevant or redundant?” Licina P, Johnston M, Ewing L, Percy M. Evidence Based Spine Care Journal, 2012; 3 (4): 13-9

“Use of the iPhone for Cobb angle measurement in scoliosis”, Shaw M, Adam C, Izatt M, Licina P, Askin G, European Spine Journal, 2012; 21: 1062-1068

“Spine”, Licina P, Journal of Bone & Joint Surgery – British Volume, 2012; 94-B (Suppl 23: 9)

“Autologous olfactory ensheathing cell transplantation in human paraplegia: a 3-year clinical trial” , Mackay-Sim A, Feron F, Cochrane J, Bassingthwaite C, Davies W, Fronck P, Gray C, Kerr G, Licina P, Nowitzke A, Perry C, Silburn PA, Urquhart S, Geraghty T. Brain, 2008; 131 (Pt 9): 2376-86.

“Autologous olfactory ensheathing cell transplantation in human spinal cord injury”, Feron F, Perry C, Cochrane J, Licina P, Nowitzke A, Urquhart S, Geraghty T, Mackay-Sim A, Brain. 2005 Dec;128(Pt 12):2951-60

“Approach and considerations regarding the patient with spinal injury” Licina P, Nowitzke AN, Injury, 2005, Jul; 36 (Suppl 2)

“Posterior lumbar interbody fusion combined with instrumented posterolateral fusion – 10 year results in 60 patients”, Freeman BJ, Licina P, Mehdian SH, European Spine Journal, 2000, Feb: 9(1):42-6

“Cervical osteotomy for ankylosing spondylitis: an innovative variation on an existing technique”, Mehdian SM, Freeman BJ, Licina P, European Spine Journal, 1999;8(6):505-9

"The Orthopaedic Workforce in Queensland - Now and into the 21st Century", Paul Licina and Terence P McGuire, Australian and New Zealand Journal of Surgery, 1993, 63, 435-442

#### Invited papers

Surgery for Back Pain, How to Treat, Australian Doctor, 12<sup>th</sup> May, 2006

#### Presentations

“Introduction of the Barricaid annular closure device – caution with new technology” Licina P, Johnston E. SpineWeek, May 2016, Singapore.

“Early clinical results of cortical versus traditional open pedicle screw techniques in posterior lumbar interbody fusion” Licina P. and Johnston E. Spine Society of Australia Annual Scientific Meeting, April 2016, Brisbane.

“Factors influencing the need for revision lumbar discectomy – how important is annular defect size?” Licina P. and Johnston E. Spine Society of Australia Annual Scientific Meeting, April 2016, Brisbane.

“Spine surgery – what is it good for?” Licina P. AOA Annual Scientific Meeting, October 2015, Brisbane.

“Accelerated patient guided return to activity after lumbar discectomy is safe” Licina P. and Johnston E. AOA Annual Scientific Meeting, October 2015, Brisbane.

“Early experience with the Barricaid: the first ten cases” Licina P. Spine Society of Australia Annual Scientific Meeting, April 2015, Canberra.

“The evidence can confuse – the case of Infuse” Licina P. AOA Annual Scientific Meeting, October 2014, Melbourne.

“Surgery vs image guided treatment” Licina P. Australian Musculoskeletal Imaging Group Annual Scientific Meeting, May 2014, Brisbane.

“Actifuse is comparable to Infuse in achieving fusion” Licina P. Spine Society of Australia Annual Scientific Meeting, April 2013, Perth.

“Back pain – strategies, advice and best clinical practice” Licina P. Aim of Pain. March 2013, Brisbane.

“Selection issues in lumbar spinal fusion” Licina P. Faculty of Pain Medicine Spring Meeting September 2012, Noosa.

“Patient expectations, outcomes and satisfaction: Related, relevant or redundant?” Licina P, Ewing L and M Pearcy. Winner of Alistair Robson Award for Best Clinical Paper Spine Society of Australia Annual Scientific Meeting, April 2011, Melbourne.

“What’s new in the diagnosis of back pain?” Licina, P. AOA Continuing Orthopaedic Education, April 2011, Melbourne.

“ALIF is effective for LBP” Licina P, Ewing L, Lisle D and M Pearcy. International Society for the Study of the Lumbar Spine Annual Scientific Meeting, June 2011, Gothenburg Sweden.

“Spine surgery – past, present and future” Licina P. AOA Annual Scientific Meeting, October 2009, Cairns.

“Early complications associated with BMP in lumbar interbody fusions” Licina P. Spine Society of Australia, September 2008, Adelaide.

“BMP does not improve clinical outcome in Interbody fusions”, Licina P, Lisle D, Sutton C. Spine Society of Australia, Annual Scientific Meeting April 2009, Brisbane. Paper no 10.05.

“I-Cobb – an innovative technique in spinal radiographic measurement” Shaw M, Izatt M, Adam C, Licina P and Askin G. Spine Society of Australia, Annual Scientific Meeting April 2009, Brisbane. Paper no 2.05.

“Early complications associated with BMP in TLIF”, Licina P, Lisle D, Sutton C. Spine Society of Australia, Annual Scientific Meeting April 2008, Adelaide.

“Artificial disc replacement and osteolysis” Licina P, Thorpe P. Spine Society of Australia Annual Scientific Meeting, April 2006, Sydney.

“Radiological follow up of patients after anterior cervical fusion with conventional and polyaxial locking plates” Aebli N, Krebs J, Goss B, Licina P. Spine Society of Australia, April 2005, Auckland.

“Charcot’s arthroplasty of the spine: a late complication of spinal instrumentation” Licina P. Spine Society of Australia, April 2005, Auckland.

“Transplantation of autologous olfactory unsheathing cells in spinal cord injury: surgery and twelve month safety data of phase one human clinical trial” Nowitzke A, Licina P, Cochrane J, Feron F, Geraghty T, Mackay-Sim A, Perry C, Urquhart S. The South African Spine Society, September 2005, South Africa.

“Return to sport following cervical spine injury” Harvey JR, Licina P. Spine Society of Australia, April 2004, Sunshine Coast.

“Radiological results and functional improvement in patients undergoing anterior lumbar interbody fusion” Thorpe PJ, Williams RP, Licina P. Spine Society of Australia, April 2004, Sunshine Coast.

“Osteolysis and complications associated with artificial disc replacement” Licina P, Thorpe PJ. Spine Society of Australia, April 2004, Sunshine Coast.

### Participation in Teaching

Course Chairman, AO International Courses in Spine Surgery

Johannesburg, South Africa, January 2003

Tokyo, Japan, September 2002

Brisbane, Australia, February 2002

Taipei, Taiwan, July 2001

Taipei, Taiwan, May 2000

Faculty Member, AO International Courses in Spine Surgery

Kuala Lumpur, October 2009

Davos, Switzerland, December 2008

Phuket, Thailand, March, 2006

Mumbai, India, June, 2005

Sun Valley, USA, January, 2005

Sun Valley, USA, January, 2004

Davos, Switzerland, December, 2003

Adelaide, Australia, October, 2003

Tokyo, Japan, September, 2003

Davos, Switzerland, December 2002

Newport, USA, October 2002

Queenstown, New Zealand, July 2002

Davos, Switzerland, December 2001

Kobe, Japan, September 2001

Marco Island, USA, August 2001

Davos, Switzerland, December 2000

Tokyo, Japan, October, 2000

Seoul, Korea, August, 2000

Davos, Switzerland, December 1999

Kobe, Japan, September, 1999

Beijing and Hangzhou, China, April 1999

Hong Kong, March 1999

Tokyo, Japan, October 1998

Davos, Switzerland, December 1997

Nottingham, England, November 1997

#### Course Chairman

Advances in Spine, Hunter Valley Australia, August, 2009  
Advances in Spine, Port Douglas, Australia, August, 2005  
Backs to the Future Spine course, Brisbane, Australia, June 2003

#### Faculty member

Depuy Elevating Best Practice in Spine  
Brisbane, November, 2005  
Sydney, November 2006

Stryker Complex Spine Symposium  
Ayers Rock, May 2005  
Coolum, May 2004

#### Invited Speaker

“Adoption of Technology into Practice” and “The Case for Cortical Screw Trajectory” The 2<sup>nd</sup> Stryker L4-5 Disc Forum, Melbourne, May 2016  
“The Business of Medicine” Getting of Wisdom Session, Spine Society of Australia Annual Scientific Meeting, Brisbane, April 2016  
“Swallowing Difficulties related to the Cervical Spine” and “Men of Steel” Uperver Downunder XIII International ENT Meeting, Italy, January 2016  
Synthes Cadaver Advanced Course, Brisbane, November 2009  
Korean Spine Society, February 2005  
Continuing Medical Education Programme in Spinal Surgery, China, June 1999  
International Society for Fracture Repair Annual Scientific Meeting, HongKong, September 2000

#### Lecturer

Physiotherapy undergraduate course  
University of Queensland  
Griffith University  
Post-graduate surgical orthopaedic anatomy course  
QUT– Medical Engineering Research Facility  
Australian Orthopaedic Association Registrars’ Training program  
Royal Brisbane Hospital

#### Participation in Research

Spinal Regeneration Project, Princess Alexandra Hospital and Griffith University, Collaborator and Implantation Surgeon  
Director, Brisbane Private Hospital Spine Research Group