



## PRESENTATIONS

**\*The PCL, to Substitute or Not.**

**\*What are the design and surgical considerations for tibial slope in TKR**  
Stryker Knee User Group, March 2009, Brisbane, QLD, Australia

**\*Role of Viscosupplementation in the management of OA knees.**

Sydney Sports Medicine presentation, November 2008, Sydney, NSW, Australia

**\*Knees – Evaluation and Management Update.**

General Practitioner CPD lecture, September 2008. Canada Bay Private Hospital, Sydney, NSW, Australia

**\*Know when to hold, know when to fold – Knee Update.**

Orthopaedic Update, Physiotherapy CPD Lecture, September 2008, University NSW, Sydney, NSW, Australia

**\*How to do a Genesis II Total Knee Replacement.**

**\*How I deal with Difficult Knees.**

**\*Genesis II Cadaveric Workshop.**

Orthopaedic Surgical Training Lecture, August 2008, Chang Mai University, Chang Mai, Thailand.

**\*Knee Injuries – Common Conditions & Latest Treatment Options.**

**\*Hip & Knee Replacement Surgery – Managing your joint replacement patients.**

**\*Soft Tissue Injections – Lower Limb Workshop.**

General Practitioner Continuing Education Seminar, May 2008, Sydney Showground, Sydney, NSW, Australia.

**\*Infection in total knee replacements-the bigger problem.**

**\*Expert knee panel .Challenging revision cases. What would you do?**

International North American Hip and Knee Symposium, February 2008, Steamboat Springs, Colorado, USA

**\*Allograft Sterilisation and Biomechanical Properties.**

**\*The Anatomically Difficult Primary Total Hip Replacement 10 year results using a Cement less Modular Prosthesis.**

**\*Primary Total Hip Arthroplasty in severe developmental Dysplasia of the Hip 10 year results using an Uncemented Modular System.**

Arthroplasty Society of Australia – Annual Scientific Meeting, September 2007, South Kingscliff, NSW, Australia

W.J.M.Bruce, L.Biant, J.Assini, **P.Walker**, W.R.Walsh

**\*CAS and patient morbidity.**

Continuing Orthopaedic Education CAS and MIS in Arthroplasty and Trauma, August 2007, Perth, WA, Australia.

W.J.M.Bruce, A.Galea, **P.Walker**, L.Biant, W.Walsh

**\*High Flexion versus standard Tibial Polyethylene insert in Total Knee Arthroplasty**

Genesis II User Group Meeting, June 2007, Sydney, NSW, Australia.  
W.J.M.Bruce, L.Biant, **P.Walker**, S.Hermann, W.R.Walsh.

**\*Options in arthritis of the hip and knee**

War Widows Society, November 2007, Sydney, NSW, Australia

**\*Hip Impingement. Diagnosis and Treatment**

Sports Medicine Seminar, August 2007, Prince Of Wales Private Hospital, Randwick, NSW, Australia.

**\*Common Knee Conditions in General Practice**

South Eastern Division General Practitioners, CPD Lecture, August 2007, Sydney, NSW, Australia.

**\*Computer Navigation in the Knee-The Good the Bad and the Ugly**

AOA COE CAS and Minimally Invasive Surgery in Arthroplasty and Trauma, August 2007, Perth, WA, Australia.  
WJM Bruce, **P.M Walker**

**\*Hip Arthroscopy Indications**

**\*Complications of Anterior Cruciate Ligament Reconstructions**

**\*Cartilage Transfer in the Knee**

**\*Emperion Revision Total Hip Replacement Workshop**

20<sup>th</sup> Annual Smith And Nephew Winter Meeting .Concepts In Sports Injuries Arthroplasty And Trauma, June 2007, Westin Hotel, Denaru Island, Fiji.

**\*Investigation of Knee Pain**

**\*Common Hip Conditions**

General Practitioner CPD Seminar, June 2007, Concord, NSW, Australia.

**\*Update on Hip Arthroscopy**

General Practitioner Teaching Seminar, June 2007, Prince Of Wales Private Hospital, Randwick, NSW, Australia.

**\*New Technology in Hip and Knee Surgery**

**\*Total Knee Replacement When There Is Deformity**

Orthopaedic Surgical Update, March 2007, Huzhou NO.1 Peoples Hospital, China.

**\*New Technology in Hip and Knee Surgery**

**\*Acetabular Defects and Their Management**

Orthopaedic Surgical Update, March 2007, Dongyang Peoples Hospital, China.

**\*New Technology In Hip And Knee Surgery**

**\*Total Knee Replacement When There Is Deformity**

**\*The Joint Line in Total Knee Replacement**

Orthopaedic Surgical Update, March 2007, Jinhua Hospital, China.

**\*How Accurate Is Surgeon Estimation Of Knee Range Of Motion During Total Knee Replacement?**

**\*Do High Flex Tibial Inserts Result In More Flexion After TKR?**

Combined Scientific Meeting, October 2006, Canberra, ACT, Australia.

L.Biant, **P.M.Walker**, W.J. Bruce

**\*Common Knee Disorders Which Effect Performance**

Fitness Industry Workers, October 2006, Sydney, NSW, Australia.

**\*Common Hip Disorders and New Technology**

Central Sydney Division of General Practitioners CPD Lecture, September 2006, Strathfield, NSW, Australia.

**\*Complications of Anterior Cruciate Ligament Reconstruction And How To Prevent.**

**\*Arthroscopic Anatomy**

**\*Imaging of the Knee**

Orthopaedic Registrar Training Course, August 2006, Concord Repatriation General Hospital, Concord, NSW, Australia.

**\*Hip and Knee Replacements**

Physiotherapy Lecture, May 2006, Cumberland University, Lidcombe, NSW, Australia

**\*Accuracy of Computer Navigated Knee Replacements**

**\*Fixation in Revision Total Knee Replacements**

**\*Total Knee Replacements with Deformity**

COE Hip and Knee Meeting, April 2006, Sydney, NSW, Australia.

**\*How I Do a Computer Navigated Total Knee Replacement**

Smith and Nephew Winter Conference, Aug 2005, Cairns, QLD, Australia.

**\*Technology in Hip and Knee Surgery**

General Practitioner CPD Lecture, August 2005, Concord Repatriation General Hospital, Concord, Australia.

**\*Use of AGF in Revision Total Hip Replacement**

European Federation of Orthopaedics and Traumatology, June 2005, Lisbon, Portugal. A.Langdown, W.J.M Bruce, **P.M Walker**

**\*Diagnosis and Treatment of Osteoarthritis of the Hip and Knee.**

Patient Information Evening, May 2005, Westside Private Hospital, Concord, NSW, Australia

**\*Hip and Knee Replacements**

War Veterans, March 2005, Sydney, NSW, Australia.

**\*Hip and Knee Replacements**

War Veterans, November 2004, Granville RSL, Granville, NSW, Australia.

**\*New Technology Lecture for Nurses**

Nursing Update Programme, November 2004, Concord Repatriation General Hospital, Concord, NSW, Australia.

**\*Adult Hip Disorders**

General Practitioner Lectures, September 2004, Bankstown Hospital, Bankstown, NSW, Australia.

**\*Cartilage Transplantation**

Physiotherapy Lecture, Sept 2004, Sydney, NSW, Australia.

**\*From Carpentry to Computers**

Concord Hospital Physicians Workshop, Aug 2004, Concord Repatriation General Hospital, Concord, NSW, Australia.

**\*Soft Tissue Injection Workshops**

General Practitioner Conference And Exhibition, May 2004, Homebush, Sydney, Australia.

**\*Musculoskeletal Lectures**

Graduate Medical Program Year 1, Oct 2004, Concord Repatriation General Hospital, Concord, NSW, Australia.

**\*Knee Injuries**

Sports Physiotherapy Students Lecture 2004, Cumberland University, Lidcombe, NSW, Australia.

**\*Acute Knee Injuries Diagnosis and Treatment**

General Practitioners CPD Lectures, March 2004, Hurstville, NSW, Australia.

**\*Acute Knee Injuries Diagnosis and Treatment**

General Practitioners CPD Lectures, April 2004, Randwick, NSW, Australia

**\*Knee Injuries**

Sports Physiotherapy Students Lecture, 2004, Cumberland University, Lidcombe, NSW, Australia.

**\*Importance of Joint Line in Revision Knee Replacements**

**\*Fixation in Revision Knee Replacements**

**Acetabular Defects in Revision Hip Replacements**

International Meeting On Revision Joint Surgery, July 2003, Queenstown, NZ.

**\*ABG Hips With Regard To Heterotopic Ossification Follow up Studies**  
Australian Orthopaedic Registrars Meeting, 1999, Gold Coast, QLD, Australia.

**\*Tibialis Posterior Tendon Transfers In Duchene's**  
Australian Paediatric Orthopaedic Society, 1997, Prince of Wales Children's Hospital, Randwick, NSW, Australia.

**\*Biomechanical Performance of Bankart Repairs on A Human Cadaveric Shoulder Model**

**\*The Effects of Hyperbaric Pressure on the Growth Plates of Rats**  
Combined Scientific Meeting AOA/NZOA, 1996, Perth, WA, Australia.

**\*Comparison of Mechanical Properties Of Different Types Of Bone Cement In Cadaveric Bone**

Tow Prize Meeting, 1996, Prince of Wales Hospital, Randwick, NSW, Australia.

**\*The Effects of Hyperbaric Pressure on the Growth Plates of Rats**

Tow Prize Meeting, 1995, Prince of Wales Hospital, Randwick, NSW, Australia.

## PUBLISHED ARTICLES

### **PRIMARY TOTAL HIP ARTHROPLASTY IN SEVERE DEVELOPMENTAL DYSPLASIA OF THE HIP. TEN YEAR RESULTS USING A CEMENTLESS MODULAR STEM.**

BIANT LC, BRUCE WB, ASSINI JB, WALKER PM, WALSH WR.  
J. ARTHROPLASTY 2008 OCT; 31

### **THE ACCURACY OF BONE RESECTIONS MADE DURING COMPUTER NAVIGATED TOTAL KNEE REPLACEMENT. DO WE RESECT WHAT THE COMPUTER PLANS WE RESECT?**

BIANT LC, YEOH K, WALKER PM, BRUCE WJ, WALSH WR.  
KNEE. 2008 JUN; 15(3): 238 – 41.

### **THE ANATOMICALLY DIFFICULT PRIMARY TOTAL HIP REPLACEMENT : MEDIUM TO LONG TERM RESULTS USING A CEMENTLESS MODULAR STEM.**

BIANT LC, BRUCE WJ, ASSINI JB, WALKER PM, WALSH WR.  
JBJS Br. 2008 APRIL; 90(4): 430-5

### **ASSESSING OF ACCURACY OF SURGEON ESTIMATION OF RANGE OF THE KNEE DURING TOTAL KNEE REPLACEMENT**

JOURNAL OF ORTHOPAEDICS 2007; 4(2)E21  
BIANT LC, HERMANN S, BRUCE WJM, WALKER PM, WALSH WR.

### **LATERAL HIP PAIN:IMAGING AND PREDICTION OF RESPONSE TO LOCALIZED INJECTION.**

CLINICAL ORTHOPAEDIC AND RELATED RESEARCH 2006.  
P.M WALKER, S.KANANGARA, W.J.BRUCE, K.SWARAJ, K.YEOH,  
D.MICHAELS, H.VAN DER WALL

### **THE INFLUENCE OF AMBIENT THEATRE TEMPERATURE ON CEMENT SETTING TIME**

JOURNAL OF ARTHROPLASTY VOL 21 NO 3,2006  
A. LANGDOWN, N. TSAI, J. AULD, W.R. WALSH, P. WALKER, W.J.M.  
BRUCE.

**AAOS NEWSLETTER- CURRENT ISSUES IN ORTHOPAEDICS 3/06**

### **TECHNIQUE FOR PREVENTING CEMENT EXTRUSION FROM SCREW HOLES DURING CONVERSION OF FAILED HIP FRACTURE FIXATION TO TOTAL HIP REPLACEMENT**

ANNALS OF THE ROYAL COLLEGE OF SURGEONS OF ENGLAND-  
2005:87(6):473-4

AUTHORS: A. LANGDOWN, A. LOW, J.W. AULD, W. BRUCE, P.M.S. WALKER

**SUMMARY OF AMERICAN ACADEMY MEETING 2004- ORTHOPAEDIC  
NEWSLETTER**

**PERFORMANCE CHARACTERISTICS OF ULTRASOUND IN THE KNEE IN A  
GENERAL RADIOLOGICAL SETTING**

THE KNEE 7/03

**RADIATION EXPOSURE USING LASER AIMING GUIDE IN ORTHOPAEDIC  
PROCEDURES**

ANZ JOURNAL OF SURGERY 72(5); 349-351:5/2002

**IN VITRO STRUCTURAL PROPERTIES OF BRAIDED TENDON GRAFTS**

AMERICAN JOURNAL OF SPORTS MEDICINE 28(6); 790-3:11/2000

**BIOMECHANICAL PERFORMANCE OF BANKART REPAIRS ON HUMAN  
CADAVERIC SHOULDER MODEL**

AMERICAN JOURNAL OF SPORTS MEDICINE-AMERICAN JOURNAL OF  
SPORTS MEDICINE 26(6); 831-5:11/98

PATELLA TO PATELLA TENDON RATIO IN CHILDREN-JOURNAL OF  
PAEDIATRIC ORTHOPAEDICS 1/98

**EFFECTS OF HYPERBARIC PRESSURE ON THE GROWTH PLATES OF  
RATS**

SPUMS VOL 27,NO. 3,9/97; 125-130

**ISCHAEMIA OF LEG IN CHILD POST APPENDICECTOMY**

PAEDIATRIC SURGERY INTERNATIONAL VOL 2,1996

## **POSTERS**

MARGRON TOTAL HIP REPLACEMENT  
AOA MEETING 1998

HIP RETRIEVAL ANALYSIS  
AOA MEETING 1997

EFFECT OF HYPERBARIC PRESSURE ON RATS  
AOA MEETING 1996

MECHANICAL PROPERTIES OF BRAIDED VERSUS STRAIGHT TENDONS  
IN ACL RECONSTRUCTION  
BEST POSTER AWARD AMERICAN ACADEMY

## **COURSES/MEETINGS ATTENDED**

### **2009**

KLEOS 'TRAIN THE TRAINER' - SYDNEY 01/09

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS – LAS VEGAS USA  
02/09

### **2007**

POWERPOINT COMPUTER COURSE FOR PRESENTATIONS USA 1/07

MASTERS COURSE IN HIP ARTHROSCOPY-ROSEMONT USA 3/07

INTERNATIONAL SOCIETY OF KNEE AND SHOULDER SURGERY MEETING-  
FLORENCE ITALY 5/07

20<sup>th</sup> ANNUAL SMITH AND NEPHEW WINTER MEETING .CONCEPTS IN  
SPORTS INJURIES ARTHROPLASTY AND TRAUMA FIJI 6/07

### **2006**

HIP AND KNEE MEETING-COLORADO 2/06

HIP AND KNEE TECHNOLOGY-CANADA 2/06

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS-CHICAGO 3/06

AUSTRALIAN ORTHOPAEDIC ASSOCIATION COE MEETING 4/06

HORIZONS IN BIOLOGY AND JOINT FUNCTION –INTERNATIONAL SPORTS  
MEDICINE AND KNEE ARTHROPLASTY MEETING 13-17 SEPT /06ATHENS

## **2005**

PROCEDURAL SIMPLIFICATION MEETING-STRYKER 23/1/05

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS MEETING 2/05  
WASHINGTON

HIP AND KNEE MEETING –COLORADO 2/05

CONCEPTS IN ARTHROPLASTY AND SKELETAL TRAUMA SMITH AND  
NEPHEW WINTER MEETING 7/05

## **2004**

HIP AND KNEE MEETING 3 DAYS SAN FRANCISCO EMERGING  
TECHNOLOGY

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS- SAN FRANCISCO 6  
DAYS

MEETING TO DISCUSS COMPUTER NAVIGATION MERITS AT SAN  
FRANCISCO RESEARCH MEETING SANFRANCISCO

ORTHOWAVE USERS MEETING 5/04 –SYDNEY FOR RESEARCH  
PURPOSES AND DETAILED FOLLOW UP OF PATIENTS PRESENTATIONS

METAL ON METAL BEARINGS-LATEST UPDATE-ZIMMER PRESENTATION  
5/04

SWEDISH HIP REGISTRY OUTCOMES DATA AND CEMENT TECHNIQUE-DR  
HENRICK MALCHAU 7/6/04

CELEBREX MULTIDISCIPLINARY ROUNDTABLE ADVISORY MEETING  
6/7/04

FUTURE TECHNOLOGY AND COMPUTER ASSISTED SURGERY MEETING-  
HUNTER VALLEY 7/04

WORKSHOP AND SYMPOSIUM ON COMPUTER ASSISTED SURGERY  
GOLD COAST 8/04

ALTERNATIVE BEARING SURFACES TALK –SYDNEY 1/9/04

DYNASTAT ADVISORY MEETING- SYDNEY 24/9/04

COMBINED ORTHOPAEDIC EDUCATION MEETING –SYDNEY 10/04 1 WEEK

BRIDGING THE GAP –PAIN MANAGEMENT MEETING GOLD COAST 10/04

## **2003**

KNEE SOCIETY MEETING-2 DAYS –MORNINGTON PENINSULA

CONTINUING EDUCATION IN HIP SURGERY -3 DAYS HOMEBUSH SYDNEY

AMERICAN ACADEMY OF ORTHOPAEDIC SURGERY 6 DAYS –NEW ORLEANS

JOINT ARTHROPLASTY MEETING QUEENSTOWN -3 DAYS .PRESENTED 3 PAPERS

MINIMALLY INVASIVE KNEE SURGERY –NIGHT PRESENTATION ROYAL YACHT CLUB

MINIMALLY INVASIVE HIP MEETING HURSTVILLE COMMUNITYHOSPITAL  
CADAVER STUDIES AT UNSW FOR COMPUTER NAVIGATION

## **2001/2002**

INTERNATIONAL SOCIETY OF KNEE SURGEONS –4 DAYS SWITZERLAND

AMERICAN ACADEMY OF ORTHOPAEDIC SURGERY- 5 DAYS SAN FRANCISCO,USA

REVISION HIP COURSE- 4 DAYS OF HANDS ON SURGERY WITH CADAVERS AT AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS HEADQUARTERS IN ROSEMONT, CHICAGO,USA

HIP AND KNEE MEETING –3 DAYS.ENGH INSTITUTE VIRGINIA, USA

CURRENT CONCEPTS IN JOINT REPLACEMENT- 3 DAYS FLORIDA, USA  
CONTINUE TO PURCHASE THEIR CD'S TO KEEP UP TO DATE EACH YEAR  
\$400

SMITH AND NEPHEW WINTER MEETING –GOLD COAST 3 DAYS

## **CURRENT RESEARCH**

USE OF PLATELET DERIVED GROWTH FACTORS IN REVISION HIP REPLACEMENTS

FAT EMBOLISM AFTER COMPUTERISED KNEE REPLACEMENTS

BAKERS CYSTS BEFORE AND AFTER KNEE REPLACEMENT

COLLECTION OF HIP AND KNEE REPLACEMENT DATA ON ORTHOWAVE DATABASE FOR ALL ARTHROPLASTY PATIENTS

ACCURACY OF COMPUTER NAVIGATED TOTAL KNEE REPLACEMENTS

## **TEACHING**

ORTHOPAEDIC DEPARTMENT REPRESENTATIVE OF UNDERGRADUATE TEACHING AT CONCORD HOSPITAL

MONTHLY COMBINED RHEUMATOLOGY /ORTHOPAEDIC MEETING

BONE SCHOOL-ORTHOPAEDIC REGISTRAR TEACHINGS AND PRIVATE TUTORIALS

PREEXAM COURSE-CONCORD HOSPITAL 2003

PREEXAM COURSE-HORNSBY HOSPITAL 2003

PREEXAM COURSE-CONCORD HOSPITAL 2004

UNSW SPORTS MEDICINE VIDEO PRESENTATION ON HIP DISORDERS  
6/10/04

ORTHOPAEDIC REGISTRARS PREEXAM TRIAL 7/5/05

REGISTRAR TRAINING COURSE –ROYAL NORTH SHORE HOSPITAL  
5/8/06.KNEE SURGERY TECHNIQUES