

## Curriculum Vitae

James W. Pritchett, MD

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### Education:

|                              |      |
|------------------------------|------|
| University of Washington     | B.S. |
| University of Washington     | M.D. |
| Phoenix Orthopedic Residency |      |

### Medical Societies:

Diplomate American Board of  
Orthopaedic Surgery (recertified 2016)

Maintenance of Certification Participating

Diplomate National Board of Medical  
Examiners

American College of Surgeons- Life  
Member

University of Washington Alumni  
Association

American Academy of Orthopaedic  
Surgeons

Western Orthopaedic Association\*

American College of Sports Medicine\*

Association of Bone and Joint Surgeons

American Association of Orthopaedic Surgeons

University of Washington Medical Alumni Association

North Pacific Orthopaedic Society

King County Medical Society

Fellow, American Academy of Pediatrics\*

Washington State Medical Association

**Clinical Work Experience:**

1985 – 1988  
Clinical Instructor,  
Department of Orthopaedics,  
University of Washington,  
School of Medicine

1988 – 1993  
Clinical Assistant Professor,  
Department of Orthopaedics,  
University of Washington  
School of Medicine

1993 – 2017  
Clinical Associate Professor,  
Department of Orthopaedics,  
University of Washington,

**National Responsibilities**

Host; Japanese Orthopaedic Association,  
Traveling Fellowship, 1993

President, Association of Bone and Joint Surgeons  
2004-2005

1<sup>st</sup> Vice President, Association of Bone and Joint Surgeons. 2003-2004

2<sup>nd</sup> Vice President Association of Bone and Joint Surgeons 2002-2003

Executive Committee, Orthopedic Section  
American Academy of Pediatrics  
1988 – 1991

Board of Trustees, Clinical Orthopaedics  
and Related Research 1997 –2000, 2003-  
2006

Chief, Orthopedic Surgery Providence  
Medical Center 1993-1997

Chief, Orthopedic Surgery  
Swedish Medical Center 2009-2015

Medical Staff Executive Committee  
Swedish Medical Center 2015-2017

Physicians Recognition Award: Swedish Medical  
Center- Outstanding Contribution to the Underserved  
2004

Puget Sound Best Physicians 2004

Seattle Metropolitan Top Doctors 2015

Phi Lambda Upsilon

Total Articular Replacement Arthroplasty of the  
Hip (Surface Replacement) 1983

Midas Rex Psychomotor Institute 1983

AO/ASIF Spine Course 1985

Joint Implant Surgery and Research Foundation  
Postgraduate Course 1993

Minimally Invasive Total Knee Replacement 2005

Conserve Plus Hip Resurfacing 2001

Birmingham Hip Resurfacing 2005

Reverse Ball and Socket Shoulder Replacement 2003

## **Certifications**

MAKOPLASTY ROBOTIC KNEE 2010

MAKOPLASTY ROBOTIC HIP 2011

**PRINCIPAL INVESTIGATOR**

Bone Morphogenic Protein (OP-1)  
WIRB 3028800

Bone Morphogenic Putty (BMP-2)  
WIRB 3029100

Oral Anticoagulant Factor IX Inhibitor  
Swedish Research Center Protocol L8518

Benaroya Research Institute #4020018

NIH Grant 1R43AR054997-01A1. Polyurethane  
as Joint Replacement Load Bearing Surface

Polyethylene, Metal and Ceramic Hip Resurfacing  
(Swedish IRB 5190S-11)

**HUMAN SUBJECT RESEARCH**

Collaborative Institutional Training Initiative (CITI  
Program) University of Miami 2006, 2012, 2015

Ethics, regulations, informed consent, methodologies  
Records based research, FDA regulations, Genetics  
Protected Populations, HIPPA, Conflicts of Interest

Institutional Review Board: protocol design, funding  
Source disclosure, human subject's protection, safety  
Disclosure of research purpose, privacy, data storage

## **PUBLICATIONS**

2017

Pritchett JW. Very Large Diameter Poly Liners Show Excellent Simulator Results. *J Long Term Eff Med Implant* (in press)

2016

Pritchett JW. Hip Resurfacing. Reply to Ranawat. *Ann Joint* 1:25-26, 2016

Pritchett JW. Hip Resurfacing Using Highly Cross-linked Polyethylene: Prospective Study Results at 8.5 Years. *J Arthroplasty* 31:2203-2208, 2016.

Plummer DR, Boltero, HG, Berend KR, Pritchett JW, Lombardi AV, Della Valle CJ. Salvage of Failed Monoblock Metal-on-Metal Acetabular Components Using a Dual-Mobility Bearing. *J Arthroplasty* 31: 846-849, 2016.

2015

Pritchett JW. Bicruciate-retaining Total knee Replacement Provides Satisfactory Function and Survivorship at 23 years. *Clin Ortho Relat Res* 473:2327-2333, 2015.

2014

Pritchett JW. One-Component Revision of Failed Hip Resurfacing from Adverse Reaction to Metal Wear Debris. *J. Arthroplasty* 29:219-224, 2014.

2013

Pritchett JW. A Comparison of the Noise Generated from Different Types of Knee Prostheses. *J Knee Surg* 26:101-104, 2013

2012

Pritchett, JW. Adverse reaction to metal debris: metallosis of the resurfaced hip. *Curr Ortho Prac* 23:50-58, 2012

Pritchett JW, Habryl LS. A Promising Thumb Basal Joint Hemiarthroplasty for Treatment of Trapeziometacarpal Osteoarthritis. *Clin Orthop Relat Res* 470:2756-2763, 2012

2011

Pritchett, JW. Metal-on-metal bearings. *J Bone Joint Surg* 93B: 572 eletter.

Pritchett, J.W.: BiCruciate Total Knee Resurfacing Prostheses. *J Arthroplasty* 26:980, 2011

Pritchett, J.W.: Patients Prefer their own ACL or the Medial Pivot Knee Prosthesis. *J. Arthroplasty* 26:224-228, 2011.

Pritchett, J.W.: Shoulder Resurfacing-Minimum 20 year-follow-up. *J. Shoulder Elbow Surgery.* 20:771-777, 2011.

Pritchett, J.W.: Heat Generated by Hip Resurfacing Prostheses: An In Vivo Pilot Study. *J Long Term Effects of Medical Implants* 21:55-62, 2011.

2010

Anderson MJ, Kruse RL, Leslie C, Levy Jr LJ, Pritchett JW, Hodge J: Medium-Term Results of Total Knee Arthroplasty using a Medial Pivoting Implant: a multicenter study. *J Surgical Orthopedic Advances* 19(4):191-195, 2010.

2009

Pritchett, J.W.: Obituary: Charles O. Townley, MD, 1916-2006. *Clin. Orthop* 467(1):308-309, 2009

Pritchett, J.W.: Early Outcome of TKA with a Medial Pivot Prosthesis is worse than with a PFC Mobile-bearing Prosthesis (letter). *Clin Orthop.* 467(1): 303-304, 2009

Pritchett, J.W.: Total Articular Resurfacing Arthroplasty. Chap 31. Hip Resurfacing. Derek McMinn. Springer, London 2009.

Pritchett, J.W.: Assisted Reproduction of the Anterior Cruciate Ligament. *J. Knee Surg* 22:325-330, 2009.

2008

Pritchett, J.W.: Hip Resurfacing with a Curved Stem-Minimum 20 year follow-up. *Clin. Orthop* 466:1177-1185, 2008.

2007

Pritchett, J.W.: Statin Therapy and Dietary Fish Oil improve lipid composition in Bone Marrow and Joints. *Clin Orthop* 456:233-237, 2007.

Pritchett, J.W.: Charles O.Townley-Design by Reason. *King County Medical Society Bulletin.* pages 23-28. February 2007.

2006

Pritchett, J.W.: Heat generated by knee prosthesis. Clin Orthop. 442:195-198, 2006.

2005

Pritchett, JW. Foot Drop Following Knee Replacement. Diabetes Self Management Jan/Feb: 69, 2005

Pritchett, J.W.: Patient Preferences in Knee Prostheses. J Bone Joint Surg 87B:1165 2005.

2004

Pritchett, J.W: Nerve Injury Following Hip Replacement: Treatment by Shortening. Clin Orthop, 418: 168-171, 2004.

Pritchett, J.W: Complete Remodeling of Displaced Fractures of the Neck of the Phalanx. J. Bone Joint Surg (Br) 86 : 344, 2004

Pritchett, J.W. Townley, C.O.: Horizontal Platform Supported Hip Replacement. Clin Orthop .423:123-128, 2004

Pritchett, J.W.: Patient Preferences in Knee Prostheses. J. Bone Joints Surg. (Br) 86: 979-982, 2004

Pritchett, J.W.: Surface Replacement Arthroplasty of the Shoulder J. Bone Joint Surg. 86:2002 (letter).

2002

Pritchett, J.W., Porembski, M.A.: Olecranon Fractures. Emedicine Orthopaedics (internet textbook). Updated 2009.

Pritchett, J.W., Porembski, M.A.: Foot Drop. Emedicine Orthopaedics (internet textbook). Updated 2009.

Pritchett, J.W.: Contributor: Surgery and its Alternatives. McLanahan, Sandra, McLanahan David, Renaissance Press, 2002.

Pritchett, J.W.: Growth Plate Considerations. 714-715. Principles of Deformity Correction. Paley, Dror Springer -Verlag, Berlin, 2002.

2001

Pritchett, J.W.: Statin Therapy Decreases the Risk of Osteonecrosis in Patients on Steroid Therapy. Clin. Ortho. 386:173-178, 2001.

Pritchett, J.W.: Fracture of the Greater Trochanter after Hip Replacement. Clin. Ortho. 390:221-226, 2001.

Pritchett, J.W.: Comparison of Methods for Prediction of Lower-Extremity Growth. J. Bone Joint Surg. 83A:1108-1110, 2001.

Pritchett, J.W.: Spontaneous bifocal Clostridium Septicum gas gangrene. J. Bone Joint Surg. 83B:621, 2001.

2000

Pritchett, J.W.: Achilles Tenotomy in Diabetics. J. Bone Joint Surg. 82A:1196, 2000.

1999

Pritchett JW. Foot drop. Available at : <http://emedicine.medscape.com/article/1234607>. Accessed April 6, 2017 (updated from 1999 emedicine article).

1998

Clarke, E.P., Pritchett J.W.: Giant-Cell Lesion in a Sesmoid Bone of the Thumb. J. Hand Surg. (BR) 23B:279-280, 1998.

Pritchett, J.W.: Success Rates of the Tara Hip. Am. J. Orthopedics. 27:658, 1998.

1997

Pritchett, J.W.: Substance P Level in Synovial Fluid May Predict Pain Relief Following Knee Replacement. J. Bone Joint Surg. 79B:114-116, 1997.

1996

Pritchett, J.W. Anterior Cruciate Retaining Total Knee Replacement. J. Arthroplasty 11:194-197, 1996.

Pritchett, J.W: Growth of the Distal Radius and Ulna. J. Pediatric Orthopedics 16:575-577, 1996.

Pritchett, J.W.: C - reactive protein Levels Determine the Severity of Soft Tissue Injuries. The American Journal of Orthopedics 25:759-761, 1996.

1995

Pritchett, J.W.: External Fixation or Closed Medullary Pinning for Unstable Colles Fractures: J. Bone Surg. 77B, 267-269, 1995.

Pritchett, J.W.: Femoral Bone Loss Following Hip Replacement. Clin Orthop. 314: 156-161, 1995.



Pritchett, J.W.: Ketorolac to Discourage Heterotopic Bone Formation after Total Hip Replacement. Clin Orthop 314: 162-165, 1995.

1994

Pritchett, J.W.: Pinning does not Cause Distal Radial Growth Plate Arrest. Orthopedics 17: 550-552, 1994.

Pritchett, J.W.: Lumbar Decompression to treat Foot Drop Following Hip Replacement. Clin Orthop. 303: 173-177, 1994.

Pritchett, J.W.: Collared Versus Collarless Porous Coated Femoral Prosthesis. Clin. Orthop. 305:295, 1994.

Pritchett, J.W.: Practical Bone Growth. J. Bone Joint Surg. 76B: 510, 1994 (Book Review).

1993

Pritchett, J.W.: Degenerative Scoliosis. Spine 18:700-703, 1993.

Bortel, D.T., Pritchett, J.W.: A straight line Single Bone Graph for Upper Extremity Growth Prediction. J. Bone Joint Surg. 75A:885-892, 1993.

Pritchett, J.W.: Better Results Using Rush Rods in Unstable Fracture Dislocations of the Ankle in the Elderly. Orthopaedic Review 22:691-696, 1993.

Pritchett, J.W.: Practical Bone Growth (Book).  
Seattle, WA 1993 ISBN -0 - 89716 - 455 - 5

1992

Pritchett, J.W.: Hip Surgery in Severe Cerebral Palsy. Interlink, 2 (3), 5-8, 1992.

Pritchett, J.W.: Growth and Growth Plate Activity in the Lower Extremity. Clin. Orthop. 275:274-279, 1992.

Pritchett, J.W., Bortel, D.T: Prosthetic Replacement of the Femoral Head in Parkinson's Disease. Clin. Orthop, 279:130, 1992.

Pritchett, J.W.: Growth Hormone in Polymethylmethacrylate. Acta Orthop. Scandinavia, 63:520-522, 1992.

Pritchett, J.W., Bortel, D.T: Fever Following Total Hip and Knee Replacement. Complications in Orthopaedic Surgery, 7 (3):253-254, 1992.

Pritchett, J.W., Bortel, D.T.: Tobramycin-Impregnated Cement in Total Hip Replacements. Orthopedic Review, 21:577-579, 1992.

Pritchett, J.W., Mallin B.A., Matthews, A.C.: Knee Arthrodesis with a Tension Band Plate. 8<sup>th</sup> Edition Campbell's Operative Orthopaedics. Pp 332-334. Edited by A.H. Crenshaw. Mosby 1992.

1991

Pritchett, J.W., Bortel, D.T.: Total Hip Replacement after Central Fracture Dislocation of the Acetabulum. Postgraduate Year, 1:12-15, 1991.

Pritchett, J.W.: Growth Plate Activity in the Upper Extremity. Clin. Orthop., 268:235-242, 1991

Pritchett, J.W., Bortel, D.T.: Total Knee Replacement in Morbidly Obese Women. Surgery, Gyn. & Obst., 173:119-122, 1991.

Pritchett, J.W., Bortel, D.T.: Total Hip Replacement after Central Fracture Dislocation of the Acetabulum. Ortho. Review, 20:607-610, 1991.

1990

Pritchett, J.W.:Treated and Untreated Unstable Hips in Severe Cerebral Palsy. Developmental Medicine and Child Neurology, 32:3-6, 1990.

Pritchett, J.W.:Locked Nails Are Not Always the Solution. Surgical Rounds for Orthop. 4:85-86, 1990.

Pritchett, J.W.:L-dopa in Un-united Fractures. Clin. Orthop. 255:293-309, 1990.

1989

Pritchett, J.W.:Pre-existing Musculoskeletal Conditions Presenting as School Sports Injuries. J. Adolescent Health Care, 10:212-216, 1989.

Pritchett, J.W., Ott, D.S.: The Limits of Locked Tibial Nails. Surgical Rounds for Orthopaedics, 3:15-19, 1989.

Pritchett, J.W., Perdue, K.D., Dona, G.D.: The Neck Shaft-Plate Shaft Angle in Slipped Capital Femoral Epiphysis. Orthop. Review, 18:1187-1192, 1989.

1988

Pritchett, J.W., Mallin, B.A., and Matthews, A.: Knee Arthrodesis With a Tension Band Plate. J. Bone and Joint Surg., 70A:285-288, 1988.

Pritchett, J.W.: Growth and Predictions of Growth in the Upper Extremity. *J. Bone and Joint Surg.*, 70A:520-525, 1988.

Pritchett, J.W., and Perdue, K.D.: Mechanical Factors in Slipped Capital Femoral Epiphysis. *J. Pediatric Ortho.* 8:385-388, 1988.

Clark, J., Kenter, M., Pritchett, J., Mayo, and K.: Closure of Large Wounds Using Latex Bands and Skin Staples. *Surgical Rounds for Orthopaedics*, 3:57-60, 1988.

Pritchett, J.W.: A Claims Made Study of Knee Injuries Due to Football in High School Athletes. *J. Pediatric. Ortho.* 8:551-551, 1988.

1987

Pritchett, J.W., and Clark J.M.: Prosthetic Replacement for Chronic Unreduced Dislocations of the Shoulder. *Clin. Ortho.* 214:122-127, 1987.

Pritchett, J.W., and Perdue, K: Mechanical Factors in Slipped Capital Femoral Epiphysis. *J. Bone and Joint Surg.*, 69A:631, 1987 (letter).

1986

Pritchett, J.W.: Lengthening of the Ulna in Patients with Hereditary Multiple Exostoses. *J. Bone and Joint Surg.*, 68B:561-565, 1986.

1985

Pritchett, J.W.:Bilateral Symphalangism of the Index Fingers. *J. Hand Surg.*, 10A:619-620, 1985.

Pritchett, J.W.:Delayed Union of Humeral Shaft Fractures Treated by Closed Flexible Intramedullary Nailing. *J. Bone and Joint Surg.*, 67B:715-718, 1985.

Pritchett, J.W.:Intramedullary Nailing of the Humerus. *J. Bone and Joint Surg.*, 67A:1448-1449, 1985(letter).

Pritchett, J.W. (contributor) *Orthopedic Iconography.* Clin.Ortho. 200:70, 1985

1984

Pritchett, J.W.:Entrapment of the Median Nerve after Dislocation of The Elbow. *J. Ped. Ortho.* 4:752-753, 1984.

Pritchett, J.W.:Supracondylar Fractures of the Femur. *Clin. Orthop.* 184:173-177, 1984.

Pritchett, J.W.:The Incidence of Fabellae in Osteoarthritis of the Knee. J. Bone and Joint Surg., 66A:1379-1380, 1984.

1983

Pritchett, J.W.:The Untreated Unstable Hip in Severe Cerebral Palsy. Clin. Orthop. 173:169-172, 1983.

Pritchett, J.W.:Ossification of the Coracoclavicular Ligaments in Ankylosing Spondylitis. J. Bone and Joint Surg., 65A:1017-1018, 1983.

Pritchett, J.W.:Coracoclavicular Joints. J. Bone and Joint Surg., 65A:1356, 1983 (letter).

1982

Pritchett, J.W.:Familial Concurrence of Carotid Body Tumor and Pheochromocytoma. Cancer, 49:2578-2579, 1982.

Pritchett, J.W.:A Statistical Study of Physician Care Patterns in High School Football Injuries. Am. J. Sports Med., 10:96-99, 1982

Pritchett, J.W.:A Statistical Study of Knee Injuries Due to Football in High School Athletes. J. Bone and Joint Surg., 64A:240-242, 1982.

Pritchett, J.W.:The Maricopa Medical Center Experience with Hemiarthroplasty. Arizona Medicine, 24:654-657, 1982.

1981

Pritchett, J.W.:The role of Trauma in Acute Hematogenous Osteomyelitis. Orthopaedic Review, 10:115-118, 1981.

Pritchett, J.W.:Cost of High School Soccer Injuries. Am. J. Sports Med., 9:64-66, 1981.

1980

Pritchett, J.W.:High Cost of High School Football Injuries. Am. J. Sports Med., 8:197-199, 1980.

## **ABSTRACTS AND SUMMARIES**

2016

Promising Results For Highly Cross-Linked Polyethylene in an Acetabular Component after Wear Simulator Testing. Abstracts of the 69<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons pages 117-119.

2015

Salvage of Failed Oxford Unicompartmental Knee Replacements. Abstracts of the 67<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. p 83-86 2015

2014

Pritchett, J.W. Total Knee Replacement with Retention of Both Cruciate Ligaments. Abstracts of the 66<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. p 140-141, 2014

2013

Pritchett, J.W. Polyethylene Hip Resurfacing. Abstracts of the 65<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. p 56-57, 2013

2012

Pritchett, J.W.: Anatomic Modular Thumb Basal Joint Hemiarthroplasty. Abstracts of the 64<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeon. p 105, 2012.

Pritchett, J.W.: Results of Treatment for Adverse Reaction to Metal Wear Debris. Abstracts of the Annual Meeting of the North Pacific Orthopaedic Society 2012.

2011

Pritchett, J.W: Metallosis of the Resurfaced Hip. Abstracts of the 63<sup>rd</sup> Meeting of the Association of Bone and Joint Surgeons p 72-73, 2011.

2010

Pritchett, J.W.: Shoulder Resurfacing-Minimum 20 year-follow-up. Abstracts of the 62<sup>nd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. p67, 2010.

2009

Pritchett, J.W: Heat in Hip Resurfacing Prostheses. Abstracts of the 61<sup>st</sup> Meeting of the Association of Bone and Joint Surgeons. p 81-82, 2009.

2007

Pritchett, J.W.: Minimum 20 year followed of Total Hip Resurfacing Using the Curved Femoral Stem. Abstracts of the 59<sup>th</sup> Meeting of the Association of Bone and Joint Surgeons. p 70-71 2007.

2006

Pritchett, J.W.: Assisted reproduction of the Anterior Cruciate Ligament. Proceeding of the 58<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons page 7. 2006

2005

Pritchett, J.W.: Charles O. Townley- Design by Reason. Proceedings of the 57<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons p 31-32,2005

Pritchett, J.W.: Charles O. Townley. Design by Reason. e JBJS pg 23, 2005.

2004

Pritchett, J.W.: Synovial Space Antibiotic Delivery using Bioabsorbable Beads. Abstracts of the 56<sup>th</sup> annual Meeting of the Association of Bone and Joint Surgeons. Pages 92- 93, 2004.

Pritchett, J.W.: Synovial Space Antibiotic Delivery using Bioabsorbable Beads. [www.JBJS.org](http://www.JBJS.org) 2004

2003

Pritchett, J.W.: Lipids in Bone-Important and Changeable. Proceedings of the 55<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg 67-68, 2003.

Pritchett, J.W.: Patient Preferences in Knee Prostheses. Proceedings of the 78<sup>th</sup> Anniversary Meeting of the North Pacific Orthopaedic Society. Pg. 11, 2003.

Pritchett, J.W.: Heat in Prosthetic Knee Joints from the 54<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons eJBJS. Page 22, 2003.

Pritchett, J.W.: Lipids in Bone – Important and Changeable. Abstracts of the 55<sup>th</sup> Annual Association of Bone and Joint Surgeons. EJBJS. Page 33, 2003.

2002

Pritchett, J.W.: Patient Preferences in Knee Prostheses. Proceedings of the 20<sup>th</sup> Annual Meeting of the Mid-America Orthopaedic Association. Pg. 340-341, 2002.

Pritchett, J.W.: Heat in Prosthetic Knees. Proceedings of the 54<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg. 65-66, 2002

Pritchett, J.W.: Patient Preferences in Knee Prostheses. eJBJS (www. JBJS.org) Papers of 2002 Mid America Orthopaedic Association. Page 31,2002.

2001

Pritchett, J.W.; Patient Preference in Knee Prostheses. Proceedings of the 53<sup>rd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg. 41-42, 2001.

Pritchett, J.W ; Horizontal Platform Supported Hip Replacement. Proceedings of the 53<sup>rd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg. 64-65, 2001.

2000

Pritchett, J.W: Patient Preferences and Complications in Knee Prostheses. Proceedings of the Fish and Knee Meeting. Pg. 47-63, 2000.

Pritchett, J.W.: Fracture of the Greater Trochanter after Hip Replacement. Proceedings of the 52<sup>nd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg. 74-75, 2000.

Pritchett, J.W.: Advances and Complications in Joint Replacement Surgery. 23<sup>rd</sup> Annual Northwest Primary Care Practitioner Course. Pg. 391-398, 2000.

1999

Pritchett, J.W.: Four Axis Assesment Predicts Outcome for Musculoskeletal Problems. Orthopaedic Transactions, 22(4), 1164-1165, 1999.

Pritchett, J.W.: Substance P Level in Synovial Fluid May Predict Pain Relief After Knee Replacement. Orthopaedic Transactions, 22(4), 1177, 1999.

Pritchett, J.W.: Orthopaedics for Primary Care. Proceedings of the 10<sup>th</sup> Annual Review and Recertification Course. Pg. 392-403, 1999.

1997-98

Pritchett, J.W., Matthews, J.M.: Lumbar Disc Disease Current Concepts for Primary Care Practitioners. p 1-4, 1997

Pritchett, J.W. : Synovial Fluid Substance P Level May Predict Pain Relief Following Knee Replacement. Proceedings of the 50<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons, Pg. 22, 1998.

1996

Pritchett, J.W. : Growth in Adult Life. Outreach for Growth Published by Human Growth Foundation, Fall/Winter, Pg. 3, 1995-96.

Pritchett, J.W. : External Fixation or Closed Medullary Pinning for Unstable Colles Fracture. Orthopedics/Rheumatology Digest, 23-24, February 1996.

Pritchett, J.W. : Osgood-Schlatters's Disease. Parenting. Pg. 142, March 1996.

Pritchett, J.W. : Four Axis Assessment Predicts Outcome for Musculoskeletal Problems. Proceedings of the 48<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeries. Pg. 27, 1996.

Pritchett, J.W. : Four Axis Assessment Predicts Outcome for Musculoskeletal Problems. Orthopaedic Transactions. 20 (2) 343, 1996.

1995

Pritchett, J.W.: Anterior Cruciate Retaining Knee Replacement. Proceedings of the 12<sup>th</sup> Annual International Symposium on New Developments in Joint Replacement. p. 27, 1995.

Bortel, D.T., Pritchett, J.W.: Single Bone Straight Line Graphs for the Lower Extremity Orthopaedic Transactions 19: 113, 1995.

Pritchett, J.W.: Low Riding Humeral Head. Proceedings of the 12<sup>th</sup> Annual International Symposium on New Developments in Joint Replacement. p. 309, 1995.

Pritchett, J.W. : Growth and Growth Prediction Proceedings of the 2<sup>nd</sup> Annual of Congress and Exposition of Child Health 2000, Pg. 94, 1995.

Pritchett, J.W., Townley, C.O.: ACL Retention Offers Good Results in TKA. Orthopedics Today, Pg. 11, October 1995.

Pritchett, J.W : External Fixation or Closed Medullary Pinning for Unstable Colles Fracture. Bone & Joint Disease; Index & Reviews IV (4) 16, July 1995.

Pritchett, J.W.: Shear, Strain and Bone Loss Following Hip Replacement. Proceedings of the 12<sup>th</sup> International Symposium on Joint Replacement. p. 292, 1995.

1994

Pritchett, J.W :Strain, Shear and Bone Loss Following Hip Replacement. Proceedings of the 46<sup>th</sup> Annual Meeting of the Association of Bone & Joint Surgeons. Pg. 52-53, 1994.

Pritchett, J.W., Townley C.O.: Physiological Stress Loading Hip Replacement. Orthopaedic Transactions. 18 (1) 74-75, 1994.



Bortel, D.T., and Pritchett, J.W.: Single Bone Straight Line Graphs for the Lower Extremity. Orthopaedic Transactions. 18 (1) 194, 1994.

Pritchett, J.W. : Strain, Shear & Bone Loss Following Hip Replacement. Orthopaedic Transactions. 18 (3) 816, 1994.

Bortel, D.T., Pritchett, J.W.: Single-Bone Straight-Line Graphs for the Lower Extremity Orthopaedic Transactions 18 (4) 1169, 1994.

1993

Pritchett, J.W. : Human Growth Hormone in Polymethylmethacrylate. Orthopaedic Transactions. 17 (1) 237, 1993.

Bortel, D.T., and Pritchett, J.W.: Straight Line Graph for Upper Extremity Growth Orthopaedic Transactions 17(1) 237, 1993.

Pritchett, J.W: Bilateral Total Knee Arthroplasty. Proceedings of the 10<sup>th</sup> Harrington Arthritis Meeting. p. 16, 1993

Bortel, D.T., and Pritchett, J.W.: Single Bone Straight Line Graphs for the Lower Extremity. Orthopaedic Transactions. 17 (1) 443, 1993

Pritchett, J.W.: Physiologic Stress Loading Hip Replacement. Proceedings of the 57<sup>th</sup> Annual Meeting of the Western Orthopaedic Association. Pg. 92, 1993.

Bortel, D.T., and Pritchett, J.W. : A Straight Line Graph for Upper Extremity Growth Prediction. Orthopaedic Transactions. 17 (2) 595, 1993.

Pritchett, J.W.: Lumbar Decompression to Treat Foot Drop Following Hip Replacement. Proceedings of the 10<sup>th</sup> Annual Harrington Arthritis Meeting. p. 62, 1993.

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Bortel, D.T., and Pritchett J.W.: Straight-Line Graphs for Upper Extremity Growth, Orthopaedic Transactions. 16 (2) 337, 1992.

Pritchett, J.W.: Human Growth Hormone in Bone Cement. Proceedings of the 44<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Pg. 26, 1992.

Pritchett, J.W. : Problems with Kids Feet May Self Correct. Seattle Times, February 3, 1992, F2.

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Pritchett, J.W. : Degenerative Scoliosis Proceedings of the 42<sup>nd</sup> Annual Meeting of the Association of Bone & Joint Surgeons, Pg. 36, 1990.

Pritchett, J.W. : Growth Plate Activity in the Upper Extremity. Proceedings of the 43<sup>rd</sup> Annual Meeting of the Association of Bone & Joint Surgeons, Pg. 42, 1991.

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Pritchett, J.W. : Treated and Untreated Unstable Hips in Severe Cerebral Palsy. Orthopaedic Transactions, 13:244, 1989.

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Pritchett, J.W. : Growth and Growth Prediction in the Upper Extremity. Orthopaedic Transactions, 12:178, 1988.

Pritchett, J.W., and Perdue, K.D. : The Neck Shaft-Plate Shaft Angle in Slipped Capital Femoral Epiphysis. Orthopaedic Transactions, 12:186, 1988.

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Pritchett, J.W: Intramedullary Fixation of Humeral Delayed Unions with Retrograde Flexible Nails. Proceedings of the 46<sup>th</sup> Annual Meeting and Scientific Program of the American Fracture Association p. 17, 1985

Pritchett, J.W. : Closed Flexible Retrograde Nailing Effective in Delayed humeral Fractures. Orthopedics Today, 1, 16-17, July 1985.

Pritchett, J.W. : Good Cheap Care for Bad Bones. University of Washington Daily, Pg 6, October 4, 1985.

Pritchett, J.W. : Lengthening of the Ulna in Hereditary Multiple Exostoses. Orthopaedic Transactions, 9 (1) :146, 1985.

Pritchett, J.W. : Retarded and Delayed Union of the Humerus Treated by Closed Flexible Intramedullary Nailing. Orthopaedic Transactions, 9 (2) :202, 1985.

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Pritchett, J.W. : Lengthening of the Ulna. Orthopedics Today, Pg 4-5, November 1984.

Pritchett, J.W. : A Statistical Study of Knee Injuries Due to Football in High School Athletes. Orthopaedics/Rheumatology Digest, March, 1983.

Pritchett, J.W. : Knee Injuries: Prevalence and Cost; Famous Sports Injuries Due to Football in High School Athletes—Joe Namath: A Joint Effort. 1983.

Pritchett, J.W. : Re-injury Risk in High School Knee Injuries. Pediatrics, 16:26, 1982.

Pritchett, J.W. : Football Knee Injuries: A five Year Follow-up of High School Athletes. Med. Sci. Sports and Exer., 13:117, 1981.

Pritchett, J.W. : Costs of Football. Med. Sci. Sports and Exer., 12:102, 1980.

### **PAPERS PRESENTED (National and International)**

Charles O. Townley. Design by Reason. Wayne State University. Detroit, MI June 8, 2017

Very Large Diameter Acetabular Liners Show Promising Wear Simulator Results. 69<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. Austin, Texas April 7, 2017.

Highly Cross-linked Polyethylene and Cementless Fixation for Hip Resurfacing. International Hip Resurfacing Symposium. Ghent, Belgium June 10, 2016.

Bicruciate Total Knee Replacement. Contemporary Solutions in Joint Surgery. Newport Beach, CA June 3, 2016.

Anterior Total Hip Replacement Provides No Benefit and Lower Patient Satisfaction Compared to Posterior/Superior Dual Mobility. 68<sup>th</sup> Annual Meeting of the Association of Bone Joint Surgeons. Auckland, New Zealand. April 7, 2016

Recent Findings in Patient Preferences in Total Knee Replacement. 8<sup>th</sup> M.O.R.E. International Symposium. April 22, 2016. Lugano, Switzerland

Highly Cross-Linked Polyethylene Hip Resurfacing: Results at 10 years in Patients Under Age 50. AAOS. March 2, 2016, Orlando, FL

Decreasing Arthroplasty Implant Cost & Preserving Choice: Request for Proposal Process at a Regional Hospital System. AAOS. March 1, 2016 Orlando, FL with Matthew Dehart

Revision Hip Resurfacing. ISTA. October 1, 2015, Vienna, Austria.

Polyethylene Hip Resurfacing in Patients Under 50. ISTA. October 2, 2015, Vienna, Austria.

Curved Stem and Contemporary Metal-on-Metal Hip Resurfacing: Results at 10 years in Patients Under 50. ISTA October 1, 2015. Vienna, Austria.

Patient Preferences in Total Knee Replacement. The Evolution of Total Knee Replacement. September 18, 2015, Chicago, IL

Salvage of Failed Oxford Unicompartmental Knee Replacement. 67<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons July 9, 2015 Eugene, OR

Salvage of Monoblock Metal on Metal Acetabular Components Utilizing a Dual Mobility Bearing. Mid America Orthopaedic Association. With Botero HG, Plummer DR, Berend KR, Della Valle CJ. April 22, 2015 Hilton Head South Carolina.

Bicruciate Total Knee Replacement-Minimum 20 year follow-up. 66<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. May 16, 2014 New York, NY.

Polyethylene Hip Resurfacing. 65<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. April 26, 2013 Istanbul, Turkey

Anatomic Modular Hemiarthroplasty for Basal Joint Arthritis of the Thumb. American Academy of Orthopaedic Surgeons Annual Meeting March 20, 2013 Chicago, IL. With Lou Habryl DO

Does Total Knee Replacement Lead to an Increase in Lateral Retinacular Strain with Flexion? Salim Durrani, P. Noble, J. Pritchett. American Academy of Orthopedic Surgeons March 19, 2013 Chicago, IL

Anatomic Modular Hemiarthroplasty for Basal Joint Arthritis of the Thumb. Association of Bone and Joint Surgeons 64<sup>th</sup> Annual Meeting. May 5, 2012 Charleston, SC.

Metallosis of the Resurfaced Hip. Association of Bone and Joint Surgeons 63<sup>rd</sup> Annual Meeting June 10, 2011. Dublin, Ireland

Patient Perception of Noise following Total Knee Replacement. Medical Education Research Institute. July 23, 2010. Memphis, TN

Shoulder Resurfacing-Minimum 20 year follow-up. 62<sup>nd</sup> Annual Meeting of the Association of Bone and Joint Surgeons April 8, 2010. Washington, D.C.

Patients Preferences in Total Knee Prostheses. Western Orthopedic Association, July 30, 2009. Seattle, WA.

Heat in Resurfaced Hip Joints. 61st Annual Meeting of the Association of Bone and Joint Surgeons. May 16<sup>th</sup>, 2009 Maui, Hawaii.

The Contributions of Charles O. Townley MD. St Clair County Historical Society. December 13, 2008. Port Huron, MI.

Advanced Medial Pivot Knee Prosthesis Minimum 5-year follow-up. Southern Orthopaedic Association June 12, 2008 Hot Springs, Virginia.

Patients Prefer their own ACL or the Medial Pivot Prosthesis. Advanced Concepts in Knee Replacement Surgery. June 8, 2008 Barcelona, Spain.

Advanced Medial Pivot Knee Prosthesis 5 to 8 year follow-up. Advanced Concepts in Knee Replacement June 8, 2008 Barcelona, Spain.

Advanced Medial Pivot Knee Prosthesis - Minimum 5 year Follow-up. Mid America Orthopaedic Association. April 17, 2008 Orlando, Florida.

Hip Joint Resurfacing with the Curved Stemmed Prosthesis-Minimum 20 year Follow-up. 59<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeon. April 14, 2007. Lexington, Kentucky.

Minimum 20 year Follow-up of Total Hip Resurfacing Using A Curved Femoral Stem. 3<sup>rd</sup> Annual Resurfacing Forum. September 28, 2006 Boston, Massachusetts

Assisted reproduction of the Anterior Cruciate Ligament 58<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons April 4, 2006 Buenos Aires, Argentina

Patient Preferences in Knee Prosthesis. Innovations in Total Joint Replacement. February 23, 2006. Miami, Florida

Anterior Cruciate Total Knee Replacement- Clinical History and Design Considerations. International ACL-PCL Knee Meeting. September 2, 2005 Zurich, Switzerland

Charles O. Townley - Design by Reason. President's Address. 57<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeon. June 10, 2005 Carmel, California.

Difficult Hip Replacements (nerve injury). Techniques and Technologies in Joint Replacement. October 30, 2004. Seattle, Washington.

Synovial Space Antibiotic Pellets to Treat Septic Arthritis. 56<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. June 16, 2004. Nashville, Tennessee.

Lipids in Bone. Important and Changeable. 55<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. May 17, 2003 Paris, France.

Tips to Remove Sockets and Stems- Complications and Solutions . Hip and Knees in Cabos. June 7, 2002 Los Cabos, Mexico.

Heat in Prosthetic Knee Joints, 54<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. May 16<sup>th</sup>, 2002, Vancouver, British Columbia.

Patient Preferences in Knee Prostheses. 20<sup>th</sup> Annual Meeting of the Mid-America Orthopaedic Association. April 26<sup>th</sup>, 2002 Tucson, Arizona.

Session Moderator. 53<sup>rd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. April 27<sup>th</sup>, 2001, New Orleans, Louisiana.

Horizontal Platform Supported Hip Replacement. 53<sup>rd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. April 27, 2001. New Orleans, Louisiana.

Patient Preferences in Knee Prostheses. 53<sup>rd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. April 26, 2001. New Orleans, Louisiana.

Advances and Complications in Joint Replacement Surgery. Northwest Conference for Primary Care Practitioners. September 28, 2000. Seattle.

Fracture of the Greater Trochanter after Hip Replacement. 52<sup>nd</sup> Annual Meeting of the Association of Bone and Joint Surgeons. May 20, 2000, San Antonio Texas.

Visiting Professor State University of New York Buffalo, March 31-April 1, 2000 Anterior Cruciate Knee Replacement, Femoral Bone Loss with Hip Replacement, Straight Line Graphs for Growth Prediction, Fracture of the Greater Trochanter after Hip Replacement. Low Riding Humeral Head.

Synovial Fluid Substance P Level may predict Pain Relief Following Knee Replacement. Fiftieth Annual Meeting Association of Bone & Joint Surgeons. June 25, 1998, Aspen, Colorado.

Session Moderator 49<sup>th</sup> Annual Meeting of the Association of Bone and Joint Surgeons. April 30, 1997, Scottsdale Arizona.

Four Axis Assessment Predicts Outcome for Musculoskeletal Procedures. 48<sup>th</sup> Annual Meeting Association of Bone and Joint Surgeons. May 20, 1996, Chatam, Massachusetts.

Shoulder Replacement. New Developments in Total Joint Reconstruction. August 20, 1995, Coronado, California

Femoral Bone Loss Following Hip Replacement. New Developments in Total Joint Reconstruction. August 19, 1995, Coronado, California.

Anterior and Posterior Cruciate Retaining Knee Replacement. New Developments in Total Joint Reconstruction. August 18, 1995, Coronado, California.

Upper and Lower Extremity Single Bone Straight Line Graphs. Child Health 2000. May 31 – June 2, 1995. Vancouver, British Columbia.

Femoral Bone Loss Following Total Hip Replacement. Association of Bone and Joint Surgeons. May 12, 1994, Carlsbad, California.

Lower Extremity Single Bone Straight Line Graphs. American Academy of Orthopaedic Surgeons. February 24, 1994, New Orleans, LA, with David Bortel.

Lumbar Decompression to Treat Foot Drop Following Hip Replacement. Harrington Arthritis Foundation 10<sup>th</sup> Annual Meeting. November 24, 1993, Scottsdale, AZ.

Bilateral Total Knee Arthroplasty One Retaining Both Cruciate Ligaments and One Retaining the Posterior Cruciate. Harrington Arthritis Foundation 10<sup>th</sup> Annual Meeting November 22, 1993, Scottsdale, Arizona.

Single Bone Straight Line Graph for the Lower Extremity American Academy of Pediatrics. October 30, 1993. Washington, D.C. with David Bortel.

Single Bone Straight Line Graph for the Lower Extremity. Eastern Orthopaedic Association. October 15, 1993, Lake Buena Vista, Florida with David Bortel.

Physiologic Stress Loading Hip Replacement. Western Orthopaedic Association. August 31, 1993, Seattle, Washington with Charles O. Townley MD

Conical Collar Hip Replacement Association of Bone and Joint Surgeons, May 19, 1993, Santa Fe, New Mexico with David Schurman.

Straight Line Graphs for Upper Extremity. Mid-America Orthopaedic Association. April 30, 1993. Hilton Head, South Carolina with David Bortel.

Single Bone Straight Line Graph for the Lower Extremity. American Orthopaedic Association. March 18, 1993, Seattle, Washington, with David Bortel.

Straight Line Graphs for Upper Extremity Growth. American Academy of Orthopaedic Surgeons, San Francisco, California, February 18, 1993, with David Bortel.

Straight Line Graphs for Upper Extremity Growth. American Academy of Pediatrics. October 12, 1992, San Francisco, California, with David Bortel.

Growth Hormone in Polymethylmethacrylate. Association of Bone and Joint Surgeons, May 2, 1992, Williamsburg, Virginia.

Straight Line Graph for Upper Extremity Growth. American Orthopaedic Association. March 14, 1992, Ann Arbor, Michigan with David Bortel.

Growth Plate Activity in the Upper Extremity. Association of Bone and Joint Surgeons, April 5, 1991, Duck Key, Florida.

Growth and Growth Prediction in the Upper Extremity. American Academy of Orthopaedic Surgeons Annual Meeting, February 10, 1989, Las Vegas, Nevada.

Treated and Untreated Unstable Hips in Severe Cerebral Palsy. American Academy of Pediatrics, October 16, 1988, San Francisco, California.

The Neck Shaft-Plate Shaft Angle in Slipped Capital Femoral Epiphysis. American Academy of Pediatrics, November 1, 1987, New Orleans, Louisiana.

Degenerative Scoliosis. Association of Bone and Joint Surgeons Annual Meeting, May 8, 1990, Kohala Coast- Island of Hawaii.

Knee Arthrodesis with a Tension Band Plate. American Academy of Orthopaedic Surgeons Annual Meeting, January 22, 1987, San Francisco, California.

Delayed Wound Closure by Rubberbands. American Academy of Orthopaedic Surgeons Annual Meeting, January 22, 1987, San Francisco, California. With Keith Mayo and John Clark.

Growth and Growth Prediction in the Upper Extremity. American Academy of Pediatrics Annual Meeting, November 2, 1986, San Francisco, California.

Relevant Hip Biomechanics: New Dimensions in Total Hip Replacement. University of Washington, September 6, 1986, Seattle, Washington.

Mechanical Factors in Physiolyysis Capitis Femoris. American Academy of Pediatrics Annual Meeting, October 19, 1985, San Antonio, Texas.



Retarded and Delayed Union of Humeral Shaft Fractures Treated with Closed Flexible Intramedullary Nailing. American Fracture Association, April 24, 1985, Santa Fe, New Mexico.

Visiting Professor, Chirurgische Klinik und Poliklinik rechts der Isar der Technischen Universität München. February 18 to March 25, 1985 Munich Germany. Fracture of the Femur Following Hip Replacement. Lengthening of the Ulna. Cementless Total Hip Replacement - a Comparison of Proximal Loading versus Diaphyseal Loading Femoral Hip Replacement Implants. Complications of Total Hip Replacement

Lengthening of the Ulna in Multiple Hereditary Exostoses. American Academy of Pediatrics Annual Meeting, September 15, 1984, Chicago, Illinois.

Football Knee Injuries: A Five Year Follow-up of High School Athletes. American College of Sports Medicine Annual Meeting, May 28, 1981, Miami Beach, Florida.

The High Cost of High School Football Injuries. American College of Sports Medicine Annual Meeting, May 29, 1980. Las Vegas, Nevada.

### **PAPERS PRESENTED (Regional)**

Surgery for Nerve Injury Following Hip Replacement. North Pacific Orthopaedic Society 92<sup>nd</sup> Annual Meeting. April 28, 2017 Stevenson, WA

Outpatient Total Hip Replacement and Resurfacing. North Pacific Orthopaedic Society 91<sup>st</sup> Annual Meeting. September 23, 2016, Coeur D'Alene, ID.

Anatomic Modular Hemiarthroplasty of Basal Joint Arthritis of the Thumb. North Pacific Orthopaedic Society 87<sup>th</sup> Annual Meeting. September 16, 2012 Seattle, WA

Results of Treatment for Adverse Reaction to Metal Wear Debris. North Pacific Orthopaedic Society 87<sup>th</sup> Annual Meeting September 16, 2012, Seattle, WA

Surgical Treatment of Hip Arthritis. Orthopedics for Primary Care. October 9, 2011, Seattle, WA

Hip Resurfacing. Swedish Hospital Orthopedic Nurses Symposium. September 8, 2011.

Surgical Treatment of Hip Arthritis. Orthopedics for Primary Care. October 8, 2010, Swedish Hospital. Seattle, WA

Hip Joint Resurfacing. Long Term Follow-up. North Pacific Orthopaedic Society, September 15, 2008 Alderbrook, WA

Hip Joint Resurfacing. Western Regional Total Joint Symposium. September 15, 2007. Seattle, WA

Hip Joint Resurfacing 7<sup>th</sup> Annual Northwest Orthopaedic Nurses Forum. October 23, 2006, Seattle, WA

Methicillin Resistant Staph Aureus. University of Washington Residents' Conference. May 5, 2005. Seattle, Washington.

Distal Radius Fractures. New and Old Techniques of Fixation. January 7, 2005. Tukwila, Washington.

Synovial Space Antibiotic Pellets to Treat Septic Arthritis. University of Washington. March 24, 2004. Seattle, Washington.

Charles O. Townley – Design by Reason. February 23, 2004. Seattle Surgical Society Guest Lecture.

Visiting Professor, Madigan Army Hospital. February 11 2004. Complications of Total Knee Replacement. Development of Total Joint Replacement Prostheses. Tacoma, Washington

Patient Preferences in Knee Prostheses. North Pacific Orthopaedic Society Annual Meeting. August 17, 2003 Seattle, Washington.

Patient Preferences in Knee Prostheses. Rogue River Knee Symposium. August 26, 2000. Medford, Oregon

Spinal Stenosis and Degenerative Scoliosis. Swedish Spine Center. March 22, 2000. Seattle, Washington

The Real Cruciate Retaining Total Knee. Medial Pivot Total Knee Arthroplasty Course. March 13, 1999 Seattle, Washington

Practical Orthopedics, Winter Conference Washington Academy of Physician Assistants, January 26, 1999, Bellevue, Washington.

Femoral Bone Loss Following Hip Replacement. Puget Sound Chapter Western Orthopedic Association. June 10, 1994. Stevenson, Washington.

Single Bone Straight Line Graphs for the Lower Extremity. North Pacific Orthopaedic Society, September 17, 1993, Stevenson, Washington.

VIP Arthritis Panel. New Developments in Joint Replacement. Arthritis Foundation. KTZZ November 16, 1990. Seattle, Washington.

Degenerative Scoliosis. Puget Sound Chapter, Western Orthopaedic Association, June 24, 1989, Blaine, Washington.

Joint Replacement Pearls and Pitfalls. Kiwanis Club invited speaker. October 25, 1989. Kirkland, Washington.

Joint Replacement Pearls and Pitfalls. Kiwanis Club invited speaker. June 20, 1989. Redmond, Washington.

Developments and Complications in Joint Replacement Surgery. Senior Connection (television) Hosted by John Cannon. May 3, 1989 Renton, Washington.

Growth and Growth Prediction in the Upper Extremity. Arizona Chapter, Western Orthopaedic Association, April 23, 1988, Phoenix, Arizona.

The Limits of Locked Intramedullary Tibial Nailing. Puget Sound Chapter, Western Orthopaedic Association, June 20<sup>th</sup>, 1987, Lake Chelan, Washington.

Intramedullary Nailing for Unstable Tibial Shaft Fractures. Arizona Chapter, Western Orthopaedic Association, April 24, 1986, Phoenix, Arizona.

Fabellae in Osteoarthritis of the Knee. Sixteenth Annual Arizona Children's Hospital Spring Symposium, April 24, 1984 Phoenix, Arizona.

Supracondylar Femur Fractures. Musculoskeletal Diseases in the Aged, January 26, 1984. Scottsdale, Arizona

Intramedullary Fixation of the Humerus. Ninth Annual Maricopa Medical Center Fall Lectureship (Arizona Chapter, Western Orthopaedic Association), November 19, 1983.

Supracondylar Fractures of the Femur. Fifteenth Annual Arizona Children's Hospital Spring Symposium, March 25, 1983, Tempe, Arizona.

Natural History of Dislocated Hips in the Totally Involved Cerebral Palsy Patient. Fourteenth Annual Arizona Children's Hospital Spring Symposium,, March 26, 1982, Tempe, Arizona.

Long Term Analysis of Hemiarthroplasty. Eighth Annual Maricopa County Hospital Lectureship (Arizona Chapter, Western Orthopaedic Association Meeting), October 24, 1981, Phoenix Arizona.

## **Research in Progress**

Polyurethane Elastomer as a Bearing Surface for Hip Replacement/Resurfacing

Cross-linked Polyethylene for Hip Resurfacing (implant design 2016-2017)

Adverse Reaction to Metal Wear Debris

Nerve Injury Following Hip Replacement

Tripolar Hip Replacement

Hip Resurfacing for Crowe 2 and 3 Dysplasia.

Hip Resurfacing for the Blocked Femur