

CHRISTOPHER DAVID SUMMA, M.D.

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Hospital Affiliations

Watsonville Community Hospital	11/1/00 to Present
Department of Surgery	
75 Nielson St	
Watsonville, CA	
Surgical Quality Review Committee	7/2002 to 6/2004
Assistant Chief of Surgery	7/2004 to 6/2005
Chief of Surgery	7/2005 to 6/2006
Dominican Hospital	
Department of Neurosurgery	
1555 Soquel Dr.	
Santa Cruz, CA 95065	
Sutter Maternity and Surgery Center	
Department of Surgery	
2900 Chanticleer Ave	
Santa Cruz, CA 95065	

Certifications

American Board of Orthopaedic Surgery

Fluoroscopy X-ray Supervisor and Operator Permit
State of California

Professional Affiliations

North American Spine Society
American College of Spine Surgery
AO Spine
Society of Lateral Access Surgery
American Academy of Orthopaedic Surgeons
Fellow Member
American Board of Orthopaedic Surgery
Diplomat Member
American College of Occupational and Environmental Medicine
American College of Sports Medicine
California Medical Association
Monterey Bay Spine Society
Santa Cruz Medical Society

Awards

Patient's Choice, MDx Medical, Vitals.com – 2010, 2009, 2008
Americas Top Surgeons – 2006
International Health Professional of the Year – 2005
Santa Cruz Community Business Review – Top Orthopaedic Surgeon – 2011, 2010,
2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002.

Medical Practice

The Spine Clinic of Monterey Bay, Inc., Aptos, Ca
11/1/00 to Present
Private Practice
Spinal and Orthopaedic Surgery.

Consultation/Medical Advisory Board

AO Nonfusion Registry Executive Board
1700 Russell Road, Paoli, PA 19301
Titan Spine, LLC 4/2010 to present
10520 N. Baehr Rd, Mequon, WI 53092
Baxano 1/2010 to present
655 River Oaks Parkway, San Jose, Ca 95134
Synthes 6/2009 to present
1301 Goshen Pkwy, West Chester, Pa 19380
Pro-Med 1/2009 to 7/2010
2045 Martin Ave, Suite 205, Santa Clara Ca 95050
Loma Vista Medical 10/2008 to present
143 Loma Vista Drive, Burlingame, Ca 94010
Spine View Inc. 7/2008 to present
Warm Springs Blvd., Suite, Freemong Ca
Spinal Modulation, Inc. 3/2008 to present
1390 Willow Rd., Menlo Park, Ca 94025
Blackstone Medical Inc. 10/2007 to 10/2008
Unity II Anterior Lumbar Fusion Plate Project
1211 Hamburg Turnpike, Wayne, NJ
Reduction Technologies, Inc. 9/2007 to present
100 Lucky Dr., Suite 205, Corte Madera, CA 94925

Teaching Faculty

Baxano, Inc. 2010 to present
Training and Education
655 River Oaks Parkway, San Jose, Ca 95134
Synthes Spine 2009 to present
Training and Education, Prodisc C/Prodisc L
1302 Wrights Lane East, West Chester, PA 19380
Stryker Spine 2006 to 2008
Training and Education Services, Interbody Fusion
2 Pearl Court, Allendale, NJ, 07401

Post-Graduate Medical Education

American Board of Orthopaedic Surgery, Part I Examination – Passed 1st attempt July
1999
American Board of Orthopaedic Surgery, Part II Examination – Passed 1st attempt July
2003

Fellowship - Spine Surgery Advanced Clinical Experience. Harborview Medical Center,
University of Washington Department of Orthopaedics.
August 1, 1999 to July 31, 2000.

Residency - Orthopaedic Surgery, University of New Mexico Department of Orthopaedic Surgery, July 1995 to June 1999.

Outstanding Resident Paper - 1999
Resident of the Year - 1998

Internship – Neurosurgery/General Surgery, University of New Mexico Department of Surgery, June 1994 to June 1995.

Medical Education

University of New Mexico School of Medicine, Albuquerque, New Mexico Doctor of Medicine, May 1994.

Undergraduate Education

University of New Mexico, Albuquerque, New Mexico, 1986-1990 Bachelors of Science with Distinction, Chemical Engineering.

Scholarships: Sterling Scholarship, 1986-1990.
College of Engineering, 1988-1990.

Honors: Outstanding Junior in Chemical Engineering, 1989.
Dean's List, 1987,1988,1990.
Engineering Honor Roll, 1988, 1989.
Tau Beta Pi National Engineering Honor Society.
Outstanding College Students of America, 1989, 1990
National Dean's List, 1988,1989,1990.
Golden Key National Honor Society.

Employment Experience

Dow Chemical Engineering Intern, 1989. Ethylene Oxide scrubber design, robotics optimization for artificial kidney manufacturing plant.

Medical Transcriptionist, University of New Mexico Hospital, 1988-1994.

Presentations

Summa, C., "New Advances in Spinal Surgery", American Association of Physician Assistants, May 30, 2006.
Summa, C., "Spinal Surgery: Technological Advances in Motion Preservation", California Society of Physical Medicine and Rehabilitation, April 28, 2006.
Summa, C., "Emerging Technologies in Spinal Surgery", California Society of Radiologic Technologists, May 16, 2005.
Summa, C., "Emerging Technologies in Spine", California Society of Radiologic Technologists, May 15, 2004.
Summa, C., "The Downward Spiral, Impact of Osteoporotic Vertebral Compression Fractures", California Association of Physician's Assistants, January 10, 2004.
Summa, C., Turker, R., "Avascular Necrosis in Developmental Dysplasia of the Hip", University of New Mexico Winter Pediatric Orthopaedic Seminar, January 30, 1999.
Rivero, D., Summa, C., "Allograft in Revision Total Hip Arthroplasty", University of New Mexico Alumni Association, June 12, 1998.

Summa, C., “A Reliable Technique for Ankle Arthrodesis”, University of New Mexico Alumni Association, May 31, 1997; Western Orthopaedic Association, August 13, 1997.

Poster Presentations

Kramer, J., Summa, C., Whitehair, J., et al, “Development of an Ovine Animal Model for Studying Spinal Neuromodulation Techniques”; Submitted and accepted, 2010 Annual meeting of the North American Neuromodulation Society.

Taha, J., McClellan, J., Bess, R., Reed, M., Summa, C., et al, “Interim Evaluation of Lumbar Degenerative Disc Disease Treated with a T-Plif Allograft Spacer Plus DBX Putty”, Congress of Neurological Surgeons; San Diego, Ca, 2007.

Summa, C., DeCoster, T., McGuire, M., “Alta Femoral Nail”; 12th Annual Alumni Conference, University of New Mexico Department of Orthopaedics, New Mexico Orthopaedic Association, Albuquerque, NM, 1993.

Research/Publications

Laurysen, C., Summa, C., Dickensen, L, Mimran, R., Capobianco, R., “Early Outcomes Of Foraminal Decompression Using A Flexible Microblade Shaver”; Submitted to SMISS for 2012 SMISS Meeting.

Laurysen, C., Berven, S., Mimran, R., Summa, C., Sheinberg, M., Miller, L., Block, J., “Facet-sparing Lumbar Decompression with a Minimally Invasive Microblade Shaver System: A Cadaver Study”, Submitted 5/2011 to Spine.

Summa, C., Laurysen, C., Dickensen, L, Mimran, R., Capobianco, R., “Early Outcomes Of Foraminal Decompression Using A Flexible Microblade Shaver”; Submitted to AAOS for 2012 AAOS Meeting.

Laurysen, C., Summa, C., Capobianco, R., Eberly, R., “A Novel Over-The-Wire System for Decompression of Lumbar Spinal Stenosis”; Submitted 1/2010 for SAS/SMISS.

Summa, C., Mirza, S., “Evaluation of Complications in Thoracic Pedicle Screw Placement”, Harborview Medical Center, 2000.

Summa, C., Mirza, S., “Cervical Stability with Progressive Anterior Destabilizing Lesions”, Biomechanical Laboratory, Harborview Medical Center, 2000.

Kuntz, C., Summa, C., Ho, J., Shaffrey, C., Mirza, S., “*En Bloc* Resection of Primary Malignant Cervical Vertebral Column Tumors”, Harborview Medical Center, 2000.

Summa, C., Mirza, S., “Epidemiology of Traumatic Spinal Cord Injury”, SPINE: State of the Art Reviews, Vol 13, No. 3, 1999.

Summa C., Turker, R., “Avascular Necrosis in Developmental Dysplasia of the Hip”, University of New Mexico Department of Orthopaedics and Carrie Tingley Hospital, 1998.

Wascher, D., Summa C., “Reconstruction of Chronic Rupture of the Extensor Mechanism Following Patellectomy”, University of New Mexico Department of Orthopaedics, CORR, 1998.

Summa, C., Brown, G., “Risk of Neurovascular Injury with Proximal Interlocking Screws of Retrograde Femoral Intramedullary Nails”, University of New Mexico Department of Orthopaedics, 1998.

Pribyl, C., Summa, C., “Retrospective Review of the Surgical Release of Dupuytren’s Contracture”, University of New Mexico Department of Orthopaedics, 1997.

- Summa, C., Miller, R., Bliss, M., “A Reliable Technique for Ankle Arthrodesis”, University of New Mexico Department of Orthopaedics, 1997. Published in Orthopaedic Transactions, 2(21), p. 669; 1997.
- Shonnard, P., Miller, R., Slauterbeck, J., Summa, C., “Reduction of Proximal Fibular Dislocation: A Case Illustration of a New Technique”, University of New Mexico Department of Orthopaedics, 1993.
- Pribyl, C., Summa, C. “The Role of Routine Wrist Radiographs on the Evaluation of Carpal Tunnel Syndrome”, University of New Mexico Department of Orthopaedics, 1993.
- Moneim, M., Doherty, W., Summa, C., “Release of the Carnal Tunnel Using a Limited Palmar Incision”; University of New Mexico Department of Orthopaedics, 1993.

Personal

Married, excellent health, three children.

Interests: Mountain bicycling, road bicycling, motorcycling, cross-country/downhill skiing, snowboarding, surfing, windsurfing, camping, backpacking.