

Lawson A. B. Copley, M.D.

Lectures and Presentations

Copley LA, Reilly TM and Brighton CT. Capacitive Coupled Electrical Stimulation of the Beagle Distal Radial Growth Plate In Vivo. 13th Annual Meeting of the Bioelectrical Repair and Growth Society, Dana Point, California 10/93.

Copley LA, Davidson R and Dormans JP. Vascular Sequelae in Supracondylar Humeral Fractures in Children; Toward a Goal of Prevention. Pediatric Orthopaedic Society of North America, Bal Harbour, Florida 5/95.

Dormans JP, Criscitiello AA, Drummond DS and Copley LA. Complications Associated with Use of Halo Immobilization in Children. 69th Annual Meeting of the Japanese Orthopaedic Association, Tokyo, Japan 2/96.

Copley LA, Richards BS and Safavi FZ. Hemodilution as a Method to Reduce Cost and Transfusion Requirements in Scoliosis Surgery. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas 5/97.

Copley LA, Richards BS, Safavi FZ and Newton P. Acute Normovolemic Hemodilution as a Method to Reduce Transfusion Requirements and Cost in Spinal Fusion Surgery for Idiopathic Scoliosis. Scoliosis Research Society, St. Louis, Missouri 9/97.

Copley LA. Pediatric Hip Pain, Family Practice Grand Rounds. Eglin Air Force Base, Florida 11/97.

Copley LA. Hip and Knee Arthritis: Evaluation and Management. Support Services Wellness Program, Bob Hope Village Community Center and Teresa Village Community Center, Fort Walton Beach, Florida 12/97.

Copley LA. Orthopedic Disorders. Independent Duty Medical Technician Training Course, Eglin Air Force Base, Education and Training, Florida 3/98.

Copley LA. Angular and Rotational Deformities of the Lower Extremities in Children. 1998 Pediatric Conference. Eglin Air Force Base, Departments of Pediatrics and Family Practice, Florida 4/98.

Copley LA, Richards BS, Safavi FZ, and Newton PO. Hemodilution in Scoliosis Surgery. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas 4/98.

Copley LA. Scoliosis: Diversity and Management, Family Practice Grand Rounds. Eglin Air Force Base, Florida 8/98.

Adelman SC, Copley LA. Pediatric Cervical Spine Disorders. Emerald Coast Society, Fort Walton Beach, Florida, 10/98.

Pepe MD, Copley LA, Dormans JP. Halo Pin Designs in an Immature Skull Model. Eastern Orthopaedic Society, San Juan, Puerto Rico, 11/98.

Copley LA, Pepe MD, and Dormans JP. Halo Pin Designs in an Immature Skull Model: Evaluation and Insertion. Fortieth Annual Meeting of the Society of Military Orthopaedic Surgeons, Vail, Colorado, 12/98.

Copley LA. Treatment Considerations for Frontal Plane and Transverse Plane Deformities of the Lower Extremities in Children. American College of Foot and Ankle Orthopedics and Medicine Seminar. Los Angeles, California, 2/99.

Copley LA, Pepe MD, and Dormans JP. Halo Pin Designs in an Immature Skull Model. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas, 4/99.

Copley LA, Pepe MD, and Dormans JP. Varying Angles of Insertion of Halo Pins in an Immature Skull Model. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas, 4/99.

Copley LA. Pediatric Cervical Spine Disorders. 27th Annual American Academy of Physician Assistants Conference, Atlanta, Georgia, 6/99.

Copley LA. Pediatric Trauma. Immediate Team Training, Eglin Air Force Base, Florida, 11/99.

Copley LA. Angular and Rotational Deformities of the Lower Extremities in Children. 18th Annual Podiatric Seminar of the Baja Project for Crippled Children, Los Angeles, California, 1/00.

Copley LA. Neuromuscular Disorders and Gait Analysis in Children. 18th Annual Podiatric Seminar of the Baja Project for Crippled Children, Los Angeles, California, 1/00.

Copley LA. Angular and Rotational Deformities of the Lower Extremities in Children. Annual Meeting of the American College of Foot and Ankle Surgeons, American College of Foot and Ankle Orthopedics and Medicine, and Podiatric Research Society, Miami, Florida, 2/00.

Copley LA. Neuromuscular Disorders and Gait Analysis in Children. Annual Meeting of the American College of Foot and Ankle Surgeons, American College of Foot and Ankle Orthopedics and Medicine, and Podiatric Research Society, Miami, Florida, 2/00.

Copley LA. Conference on Trauma (Overview, Initial Assessment, Head Trauma, Spine Trauma, Orthopedic Trauma). Armed Forces Hospital Kuwait, Kuwait City, 4/00.

Copley LA. Cervical Spine Disorders in Children: Evaluation and Management. Orthopaedic Surgery Lecture Series. Eglin Air Force Base, Florida, 4/01.

Copley LA. Pediatric Cervical Spine Trauma. Conference on Trauma. Freeman Hospital. Joplin, Missouri, 7/01.

Copley LA. Development of the upper extremity. Orthopedic Grand Rounds. University of Missouri, Kansas City. Kansas City, Missouri, 8/01.

Copley LA. Fractures of the Upper Extremity in Children. Orthopedic Grand Rounds. University of Missouri, Kansas City. Kansas City, Missouri, 8/01.

Copley LA. Thoracic and Lumbar Spine Trauma in Children and Adolescents. Orthopedic Grand Rounds. University of Missouri, Kansas City. Kansas City, Missouri, 10/01.

Copley LA. Cervical Spine Disorders in Children: Evaluation and Management. Pediatric Orthopaedic Grand Rounds. Children's Mercy Hospital. Kansas City, Missouri, 11/01.

Copley LA, Dormans JP, Pepe MD, Adelman SC, Fitzpatrick MJ. Accuracy and Reliability of Halo Wrenches at Low Torque Settings Used for Pediatric Application. 69th Meeting of the American Academy of Orthopaedic Surgeons. Dallas, Texas, 2/02.

Copley LA. Cervical Spine Trauma in Children and Adolescents: Evaluation and Management. American Pediatric Surgery Association Annual Meeting. Phoenix, Arizona, 5/02.

Copley LA. Pediatric Cervical Spine Trauma: Evaluation and Management, The Austin Diagnostic Clinic Grand Rounds. Austin, Texas, 7/02.

Copley LA. Prevention of Thromboembolic Complications in Joint Replacement Surgery, North Austin Medical Center Surgical Nursing Unit Inservice. Austin, Texas 7/02

Copley LA. Scoliosis: Modern Methods of Evaluation and Management, The Austin Diagnostic Clinic Grand Rounds. Austin, Texas, 10/02.

Copley LA. Pediatric Cervical Spine Trauma: Evaluation and Management, University of Chicago Orthopaedic Grand Rounds. Chicago, Illinois, 3/03.

Copley LA. Coding and Billing Overview. Texas Scottish Rite Hospital for Children. Dallas, Texas, 8/03.

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas, 9/03.

Copley LA. Upper Extremity Trauma in Children. Texas Scottish Rite Hospital for Children. Dallas, Texas, 10/03.

Copley LA. The Limping Child. University of Texas Southwestern Orthopedic Surgery Resident Primer. Children's Medical Center of Dallas. Dallas, Texas, 8/04.

Copley LA. Upper Extremity Trauma in Children: Update. Texas Scottish Rite Hospital for Children. Dallas, Texas, 09/04.

Copley LA. Coding and Billing Update 2004. Texas Scottish Rite Hospital for Children. Dallas, Texas, 10/04.

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas, 11/04.

Copley LA. Musculoskeletal Infection in Children. University of Texas Southwestern Orthopaedic Resident OITE Review. Dallas, Texas, 2/05.

Rathjen K, Copley LA, Wilson P, Walsh S, Sink E, Wattenbarger M, and Podeszwa D. Pediatric Orthopedic Emergencies Symposium. 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons. Washington, DC, 3/05

Copley LA. Pediatric Musculoskeletal Infections. 37th Annual Kenneth C. Haltalin Pediatric Seminar "Pediatrics for the Practitioner". Dallas, Texas, 4/05.

Copley LA, Podeszwa DA, Wilson PL. UTSW Resident Orientation to Acute Pediatric Orthopaedics at Children's Medical Center of Dallas. 6/05.

Copley LA. Upper Extremity Trauma in Children: Update. Texas Scottish Rite Hospital for Children. Dallas, Texas, 10/05

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas, 12/05.

Copley LA, Podeszwa DA, Wilson PL. UTSW Resident Orientation to Acute Pediatric Orthopaedics at Children's Medical Center of Dallas. 6/06.

Copley LA. Upper Extremity Trauma in Children: Update. Texas Scottish Rite Hospital for Children. Dallas, Texas, 10/06.

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas 12/06.

Hollmig ST, Copley LA, Browne RH, Grande LM, and Wilson, PL. Deep Venous Thrombosis Associated with Osteomyelitis in Children. 29th annual Brandon Carrell Visiting Professorship of Texas Scottish Rite Hospital for Children. Dallas, Texas, 4/07.

Gafur O, Copley LA. The Changing Epidemiology of Musculoskeletal Infection in Children. 29th annual Brandon Carrell Visiting Professorship of Texas Scottish Rite Hospital for Children. Dallas, Texas, 4/07.

Copley LA, Podeszwa DA, Wilson PL. UTSW Resident Orientation to Acute Pediatric Orthopaedics at Children's Medical Center of Dallas. 6/07.

Gafur O, Copley LA. The Changing Epidemiology of Musculoskeletal Infection in Children. 6th annual Musculoskeletal Infection Society Meeting. San Diego, California, 8/07.

Copley LA. Musculoskeletal Infection in Children. University of Texas Southwestern Orthopaedic Resident OITE Review. Dallas, Texas, 9/07.

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas 12/07.

Copley LA. Musculoskeletal Infection in Children. Texas Scottish Rite Hospital Fellow Didactic Lecture Series. 5/08.

Copley LA, Podeszwa DA. UTSW Resident Orientation to Acute Pediatric Orthopaedics at Children's Medical Center of Dallas. 6/08.

Copley LA. Musculoskeletal Infection in Children. Texas Scottish Rite Hospital Fellow Didactic Lecture Series. 8/08.

Copley LA. Musculoskeletal Infection Multi-Disciplinary Program. Children's Medical Center Infectious Disease Group. 9/08.

Copley LA. Musculoskeletal Infection Multi-Disciplinary Program. Children's Medical Center Emergency Room Physician Group. 10/08.

Copley LA. Musculoskeletal Infection Multi-Disciplinary Program. Children's Medical Center Hospitalist Group. 10/08.

Copley LA. Musculoskeletal Infection Multi-Disciplinary Program. Children's Medical Center Nursing Intraining Lecture Series. 10/08.

Copley LA. Musculoskeletal Infection Multi-Disciplinary Program. Children's Medical Center Nursing Intraining Lecture Series. 11/08.

Copley LA. The Limping Child. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas 12/08.

Copley LA. Pediatric Musculoskeletal Infection. Pediatric Noon Lecture Series. Children's Medical Center of Dallas. Dallas, Texas 9/09.

Copley LA. Pediatric Musculoskeletal Infection. Texas Pediatric Society Annual Meeting. Plano, Texas 10/09.

Sun D and Copley LA. Severity of Disease of Pediatric Musculoskeletal Infection as Determined from Objective Clinical Parameters- Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas 4/2010

Gafur O and Copley LA. A Level of Evidence Review of Pediatric Musculoskeletal Infection Literature with Application to Multidisciplinary Guidelines: 1994-2007. Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas 4/2010.

Investigative Reports

Copley LA, Dormans JP and Davidson RS. Vascular Injuries and Their Sequelae in Pediatric Supracondylar Humeral Fractures: Toward a Goal of Prevention. *Journal of Pediatric Orthopaedics* 16: 99-103, 1996.

Williams GR, Jr., Copley LA, Iannotti JP, and Lisser SP. The Influence of Intramedullary Fixation on Figure-of-Eight Wiring for Surgical Neck Fractures of the Proximal Humerus: A Biomechanical Comparison. *Journal of Bone Shoulder and Elbow Surgery* 6(5): 423-428, 1997.

Luchetti WT, Copley LA, Vresilovic E, Black J and Steinberg ME. Drain Entrapment and Titanium to Ceramic Head Deposition: Two Unique Complications Following Closed Reduction of a Dislocated Total Hip Arthroplasty. *Journal of Arthroplasty*. 13(6): 713-717, 1998.

Copley LA and Dormans JP. Cervical Spine Disorders in Infants and Children. *Journal of the American Academy of Orthopaedic Surgeons* 6(4): 204-214, 1998.

Copley LA and Richards BS. Hemodilution as a Method to Reduce Transfusion Requirements in Adolescent Spine Fusion Surgery. *Spine*, 24(3): 219-224, 1999.

Copley LA, Pepe MD, Dormans JP, Gabriel JP, Sheth NP, and Tan V. A Comparative Evaluation of Halo Pin Designs in an Immature Skull Model. *Clinical Orthopaedics and Related Research* 357: 212-218, 1998.

Copley LA, Pepe MD, Dormans JP, Tan V, and Sheth NP. A Comparison of Various Angles of Halo Pin Insertion in an Immature Skull Model. *Spine* 24(17):, 1999.

Flowers A and Copley LA. High-Energy Knee Dislocation Without Anterior Cruciate Ligament Disruption in a Skeletally Immature Adolescent. *Arthroscopy* 19(7): 782-786, 2003.

Copley LA, Dormans JP, Pepe MD, Tan V, and Browne RH. The Accuracy and Reliability of Torque Wrenches at Low Settings for Halo Application in Children. *Journal of Bone and Joint Surgery* 85A (11): 2199-2204, 2003.

Hollmig ST, Copley LA, Browne RH, Grande LM, and Wilson PL. Deep Venous Thrombosis Associated with Osteomyelitis in Children. *Journal of Bone and Joint Surgery. Journal of Bone and Joint Surgery* 89A (7): 1517-1523, 2007.

Gafur OA, Copley LA, Hollmig ST, Browne RH, Thornton LA, and Crawford SE. The Impact of the Current Epidemiology of Pediatric Musculoskeletal Infection on Evaluation and Treatment Guidelines. *Journal of Pediatric Orthopaedics*. 28: 777-785, 2008.

Thawrani D, Thai CC, Welch RD, Copley L, and Johnston CE. Successful Treatment of Unicameral Bone Cyst by Single Percutaneous Injection of α -BSM. *Journal of Pediatric Orthopaedics* 29(5): 511-517, 2009.

Chapters in Books, Invited Articles and Other Miscellaneous Material

Copley LA and Dormans JP. Benign Pediatric Bone Tumors, Evaluation and Treatment. *Pediatric Clinics of North America* 43(4): 949-966, 1996.

Dormans JP and Copley LA. Amputation Considerations in Childhood, in O'Neill JA, Jr., Rowe MI, Grosfeld JL, Fonkalsrud EW, and Coran AG, eds. *Pediatric Surgery, Fifth Edition*, Mosby, St. Louis, pp. 1893-1898, 1998.

Dormans JP and Copley LA. Musculoskeletal Impairments: Introduction to the Orthopedics of Cerebral Palsy, in Dormans JP and Pellegrino L, eds. *Caring for Children with Cerebral Palsy: A Team Approach*, Paul H. Brookes Publishing Co. Baltimore, pp125-142, 1998.

Dormans JP and Copley LA. Orthopedic Approaches to Treatment, in Dormans JP and Pellegrino L, eds. *Caring for Children with Cerebral Palsy: A Team Approach*, Paul H. Brookes Publishing Co. Baltimore, pp 143-168, 1998.

Copley LA and Dormans JP. Pediatric Trauma. In Gellis and Kagan. *Current Pediatric Therapy*, 16th Edition, W.B. Saunders. 1999.

Copley LA. Orthopedic Trauma. In Gellis and Kagan. *Current Pediatric Therapy*, 17th Edition, W.B. Saunders, Philadelphia. 2002.

- Copley LA and Dormans JP. Musculoskeletal Infection, in Dormans JP, ed. Pediatric Orthopaedics and Sports Medicine: The Requisites in Pediatrics. Mosby, Philadelphia, pp. 93-110, 2004.
- Copley LA and Dormans JP. Musculoskeletal Infection, in Dormans JP, ed. Requisites in Orthopaedic Surgery. Elsevier Science, Philadelphia. 2004.
- Milbrandt TA, Copley LA. Common Elbow Injuries in Children: Evaluation, Treatment and Clinical Outcomes. Current Opinion in Orthopedics 15(4) 286-294, 2004.
- Copley LA. Musculoskeletal Infection in Children. Current Opinion in Orthopedics 16:445-450, 2005.
- Copley LA and Dormans JP. Cervical Orthoses Including Traction and Halo Devices for Children, in Clark CR, ed. The Cervical Spine, 4th Edition. Lippincott, Philadelphia. pp 389-402, 2005.
- Copley LA. Infections of the Musculoskeletal System in Herring JA, ed. Tachdjian's Pediatric Orthopaedics, 4th Edition. Saunders Elsevier, Philadelphia, pp. 2089-2155.
- Johnston CE and Copley LA. Disorders of the Neck in Herring JA, ed. Tachdjian's Pediatric Orthopaedics, 4th Edition. Saunders Elsevier, Philadelphia, pp. 213-264.
- Richards BS and Copley LA. The Limping Child in Herring JA, ed. Tachdjian's Pediatric Orthopaedics, 4th Edition. Saunders Elsevier, Philadelphia, pp. 89-103.
- Copley LA. The Limping Child in Rudolph C and Herring JA, eds. Rudolph's Pediatrics, 22nd Edition, McGraw-Hill Professional, New York, currently in press.
- Copley LAB. Pediatric musculoskeletal infection: trends and antibiotic recommendations. Journal of the American Academy of Orthopaedic Surgeons 17(10): 618-626, 2009.

Posters and Exhibits

- Copley LA, Reilly T, and Brighton CT. Integrins and the Transduction of Mechanical Stimulation into Cellular Proliferation in Rat Osteoblasts. 40th Annual Meeting of the Orthopaedic Research Society 2/94.
- Reilly TM, Copley LA, Gelb ID, and Brighton CT. Comparison of Prostaglandin E2 Inhibition Effects in Bone Cell Proliferative Response to CCEF or Mechanical Strain. 13th Annual Meeting of the Bioelectrical Repair and Growth Society 10/93.
- Reilly TM, Gabriel JP, Copley LA and Brighton CT. Effects of Prostaglandin Second Messenger Inhibition in the Mechanical Strain-Induced Proliferation of Bone Cells. 40th Annual Meeting of the Orthopaedic Research Society 2/94.

Copley LA and Bozentka D. Ipsilateral Radial Head and Scaphoid Fractures; Clinical Treatment Strategies. Society of Hand Surgery Meeting, Palm Springs, California 12/95.

Pepe MD, Copley LA, Tan V, Beredjiklian PK, Sheth NP and Dormans JP. The Variability of Load and Torque Generation in Commonly Available Pediatric Halo Wrenches. 60th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, Louisiana 3/98.

Pepe MD, Copley LA, Tan V, Dormans JP, Sheth NP and Gabriel JP. A Comparative Evaluation of Halo Pin Designs in an Immature Skull Model. 60th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, Louisiana 3/98.

Copley LA, Pepe MD, and Dormans JP. Halo Pin Designs in an Immature Skull Model: Evaluation and Insertion. Fortieth Annual Meeting of the Society of Military Orthopaedic Surgeons, Vail, Colorado, 12/98.

Copley LA, Grande L, Crawford SC, Thornton LT, Wyatt C, Athre S, and Holland A. The Changing Epidemiology of Musculoskeletal Infections in Children. Pediatric Orthopaedic Practitioner Society, San Diego, California, 5/06.