High Scoring Poster Listing
Posters will be available for viewing in the Plenary Hall Foyer (Pacific Ballroom Foyer), from Wednesday, June 17 at 17:00 to Friday, June 19 at 16:00

COA High Scoring Poster

Adult Reconstruction Hip

COA 1 - Complication Rate, Transfusion Rate, and Length of Stay Following Hip Replacement using the Supercapsular Percutaneously-assisted Total Hip Surgical Technique
Wade Gofton, ON; James Chow, AZ; K. Dean Olsen, MN; David A. Fitch, TN

COA 2 - Does Early Hospital Discharge Following Total Hip & Knee Arthroplasty Increases 30 Days Readmission?
Mohammed H. Alattas, Saudi Arabia; Justin Drager, QC; John Antoniou, QC; Laura Epure, QC; Olga Huk, QC; David Zukor, QC; Stéphane Bergeron, QC

COA 3 - Midterm Outcomes of Total Hip Arthroplasty with a Modular Birmingham Head
Duncan Cushnie, ON; Brent A. Lanting, ON; Richard W. McCaldeen, ON; Douglas D. Naudie, ON; James L. Howard, ON

Education

COA 4 - Standard Setting - How to Set the Bar of Orthopaedic Competence using an Objective Structured Clinical Examination (OSCE) after a Competency-based Module
Tim Dwyer, ON; Mahan Kulasegaram, ON; Sarah Wright, ON; Jaskarndip Chahal, ON; David Wasserstein, ON; John Theodoropoulos, ON; Brian Hodges, ON; Charlotte Ringsted, ON; Darrell Ogilvie-Harris, ON

Paediatrics:

COA 5 - An Anatomic Study of the Greater Trochanter Starting Point for Intramedullary Nailing in the Skeletally Immature
Raymond W. Liu, OH; Paul J. Park, OH; Douglas S. Weinberg, OH; Kathleen Farhang, OH

COA 6 - Analysis of Serial Radiographs of the Foot to Determine Normative Values for the Growth of the First Metatarsal to Guide Hemiepiphyseodesis for Immature Hallux Valgus
Raymond W. Liu, OH; Janelle D. Greene, OH; Allen D. Nicholson, OH; James O. Sanders, CT; Daniel R. Cooperman, OH
COA 7 - Give Me a Break! Does Post-surgical Immobilization Increase the Risk of Low Trauma Fractures in Children with Cerebral Palsy Post Hip Surgery?
Daphne O'Young, BC; Maria Juricic, BC; Kim Hesketh, BC; Lisa Phillips, BC; Emily Schaeffer, BC; Kishore Mulpuri, BC

COA 8 - Long Term Follow Up of Paediatric ACL Reconstruction in New York State: High Rates of Subsequent ACL Reconstruction
Emily Dodwell, BC; Moira M McCarthy, NY; Ting-Jung Pan, NY; Daniel W. Green, NY; Stephen Lyman, NY

COA 9 - Safe Drilling Paths in the Distal Femoral Epiphysis for Pediatric Medial Patellofemoral Ligament Reconstruction
Cynthia Nguyen, OH; Lutul D. Farrow, OH; Raymond W. Liu, OH; Allison Gilmore, OH

Sports Medicine

COA 10 - Rethinking Shoulder Instability in the EBM Era: Are Recurrence Rates Really That High?
James Rofaiel, ON; Jihad Abouali, ON; Daniel Whelan, ON

COA 11 - Stability of the Glenohumeral Joint with Combined Humeral Head and Glenoid Defects: A Cadaveric Study
Anthony Miniaci, OH; Lionel John Gottschalk IV, OH; Piyush Walia, OH; Ronak M. Patel, IL; Matthew Kuklis, OH; Morgan Jones, OH; Stephen D. Fening, OH

Trauma

COA 12 - Comparison of Two Methods of Treating Closed, Noncomminuted Diaphyseal Tibial Fractures with Intact Fibulae: Intramedullary Nailing versus Plating
Alireza Saied, Iran; Alia Ayatollahi Moussavi, Iran

COA 13 - Predictors of Fixation Failure of Pertrochanteric Fractures: Fracture Reduction is More Important than Tip-apex-Distance
Michael James Millar, BC; Samuel Joseph, BC

Tumour

COA 14 - Use of Thrombelastography in Predicting Venous Thromboembolic Events in Major Orthopaedic Trauma Patients
Prism S. Schneider, QC; Bryan A. Cotton, TX; Matthew Galpin, TX; Zayde Radwan, TX; John Munz, TX; Timothy S. Achor, TX; Mark Prasarn, TX; Joshua L. Gary, TX

COA 15 - Case Study of a Regional Cancer Centre’s Experience with Paraneoplastic Leukemoid Reaction in Sarcoma
Andrew Tice, ON; Kelly Hynes, ON; Kevin Zhao, ON; Krista Goulding, QC; Hesham Abdelbary, ON; Shailendra Verma, ON; Joel Werier, ON
CORS High Scoring Poster

Arthroplasty

CORS 1 - Accuracy of Intraoperative Bone Resection using 3D Templating and Kinematic Shape Match Patient-specific Cutting Guides for Total Knee Arthroplasty
Michael R. Woolfrey, ON; Caralee Bolton, ON; Skyler Cartledge, ON

CORS 2 - The Effect of Radial Head Hemiarthroplasty Stiffness on Joint Contact Mechanics
Andrew Johnson, ON; G. Daniel G. Langohr, ON; Graham J.W. King, ON; James A. Johnson, ON

Bone, Ligament and Tendon

CORS 3 - Experimental Analysis of Screw Distribution for Locked Lateral Plating of Short Comminuted Distal Femur Fractures
Stewart McLachlin, ON; Brian Smilovici, ON; Matthew Ng, ON; Jeremie Larouche, ON; Hans Kreder, ON; Cari Whyne, ON

CORS 4 - Regional Variations in the Mechanical Properties of Cortical Bone of the Tibia as Determined Using Four Point Bending and CT Imaging
Cheryl E. Quenneville, ON; Vivega Vijayakumar, ON;

CORS 5 - The Effects of Latarjet Reconstruction on Glenohumeral Instability in the Presence of Combined Bony Defects
Anthony Miniaci, OH; Ronak M Patel, IL; Piyush Walia, OH; Lionel Gottschalk, OH; Morgan H. Jones, OH; Stephen D. Fening, OH;

Joints and Arthritis

CORS 6 - A Simplified Method for the Aspiration of Bone Marrow from Volunteer Patients Undergoing TKR or THR for Isolating Mesenchymal Stem Cells
Subhash Juneja, ON; April Craft, MA; Sowmya Viswanathan, ON; Daniel Antflek, ON; Amanda Weston, ON; Alejandro Gomez-Aristizabal, ON; Christian Veillette, ON

CORS 7 - Cartilage Discs Created From Human Bone Marrow-derived Mesenchymal Stem Cells (MSCs): Effects of Expansion of MSCs in FGF and WNT
Subhash Juneja, ON; Daniel Antflek, ON; Amanda Weston, ON; Sowmya Viswanathan, ON; Christian Veillette, ON

CORS 8 - Effect of Medial Meniscectomy on Subchondral and Cortical Bone in Medial Femoral Condyle and Medial Tibial Plateau in Rats
Subhash Juneja, ON; Manuela Ventura, ON; Christian Veillette, ON

CORS 9 - Potential of Human Bone Marrow-derived Mesenchymal Stem Cells Expanded in the Presence of FGF and WNT Towards Repairing Induced Osteoarthritis (OA) in Rat
CAOS High Scoring Posters

CAOS 1 - Handling Different Designs of Femoral Stems for Automated THA Planning: Determination of Stem Anteversion Angle using Statistical Prediction
Yuki Nakanishi, Yoshiyuki Kagiyama, Futoshi Yokota, Masaki Takao, Takeshi Ogawa, Nobuhiko Sugano, Yukio Tada, Yoshito Otake, Yoshinobu Sato

CAOS 2 - Three-dimensional Deformity Analysis of the Forearm Bones in Congenital Proximal Radioulnar Synostosis
Motoko Nakasone, Satoshi Nakasone, Chojo Futenma, Masaki Kinjo, Kenji Horiki, Takeshi Murase, Fuminori Kanaya

CAOS 3 - Measurement of the Posterior Femoral Offset: Navigation is More Precise than Standard X-rays
Jean-Yves Jenny, Yann Diesinger

CAOS 4 - UKA Patients Return to Function Earlier than TKA Patients
Todd Borus, Don Roberts, Pamela Fairchild, Jennifer Christopher, Michael Conditt, Jonathan Matthews, Kyle Pirtle, Mike Baer

CAOS 5 - Postoperative Analysis of Patient-specific Instrument Assisted Corrective Osteotomy Using 2D/3D Registration
Chun-Sing Chui, King-Lok Liu, Lik-Hang Hung, Kwok-Sui Leung Criticial

CAOS 6 - Validation of Three-dimensional Models of the Distal Femur Created from Surgical Navigation Point Cloud Data
David Wilson, Pia Bucher, Martin Grewe, Carolyn Anglin, Stefen Zachow, Michael Dunbar

CAOS 7 - Automatic 3D Planning and Use of Patient Specific Guides for TSA
Jean Chaoui, Marc-Olivier Gauci, Gilles Walch, Pascal Boileau

CAOS 8 - Model Based Reconstruction of the Bony Knee Anatomy from 3D Ultrasound Images
Christoph Hänisch, Juliana Hsu, Erik Noorman, Klaus Radermacher

CAOS 9 - Effective Dose of Intraoperative 3D Imaging in Spine Surgery
Michael Kraus, Florian Gebhard, Peter Richter

CAOS 10 - Muscle Volume Recovery of the Gluteus Maximus, Gluteus Medius and Thigh Muscles after Hip Arthroplasty
Keisuke Uemura, Masaki Takao, Takashi Sakai, Takashi Nishii, Nobuhiko Sugano

CAOS 11 - Relationship between the Distal Femoral Morphology and Cruciate Ligament Attachments
Malte Asseln, Maximilian C. M. Fischer, Ghaith Al Hares, Valentin Quack, Klaus Radermacher
CAOS 12 - Assessment of Coronal Mechanical Alignment with Applied Varus and Valgus Force through the Range of Flexion using Non-invasive Navigation
Fraser Henderson, Roberto Alho, Angela Deakin, Philip Riches, Frederic Picard

CAOS 13 - Robot-assisted Primary Cementless Total Hip Arthroplasty with a Short Bone-conserving Stem: A Prospective Randomized Short-term Outcome Study
Seung-Jae Lim, In-Kwon Yeo, Su-Choe Kim, Youn-Soo Park

CAOS 14 - Lie Group Shape Models: A Core Technology for a Computer-assisted Surgery Open Framework
Mohamed Hefny, John Rudan, Randy Ellis

CAOS 15 - Biomechanical Modelling of the Wrist for Patient Adapted Model Guided Therapy
Jörg Eschweiler, Maximilian C. M. Fischer, Jan P. Stromps, Norbert Pallua, Klaus Radermacher