

Conference

Program

Saskatchewan Conference of Orthopedics,
Rehabilitation, and Emergency Care

SCORE



UNIVERSITY OF SASKATCHEWAN

College of Medicine

DIVISION OF CONTINUING MEDICAL EDUCATION
CMELEARNING.USASK.CA

Accreditation

Royal College of Physicians and Surgeons of Canada:

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada, and approved by the Continuing Medical Education Division, University of Saskatchewan. You may claim a maximum of 5.75 hours (credits are automatically calculated).

The College of Family Physicians of Canada:

This activity meets the certification criteria of the College of Family Physicians of Canada and has been certified by the Continuing Medical Education Division, University of Saskatchewan for up to 5.75 Mainpro+® Certified Activity credits.

Other Healthcare Professionals:

Participation in this conference may be included as part of the continuing education and competence programs established by individual professional associations.

*SCORE was co-developed with the Saskatchewan Orthopedic Association
and was planned to achieve scientific integrity, objectivity and balance.*

Morning

7:45 am - 8:30 am

Registration & Breakfast (45 minutes)

8:30 am - 8:40 am

Welcome and Introductions (10 minutes)

Welcome to SCORE

Dr. David Sauder, MD FRCSC DRCPSC

8:40 am - 9:40 am

Morning Plenary Session (60 minutes)

It's All About the Glutes, Baby!

Dr. Jordan Buchko, MD, FRCSC

9:40 am - 9:55 am

Coffee & Exhibits (15 minutes)

9:55 am - 10:45 am

Morning Concurrent Sessions (60 minutes)

Fundamentals of Fracture Management

Dr. Kyle Goldstein, MD

Pre-Arthroplasty Mobility Strategies

Regan Coulter,
BSc, BScPT

Ryley Sather,
MPT, B.Sc. Kin

Precision or Perfection? How Robotics is Revolutionizing Arthroplasty

Dr. Ian Lutz, MD, FRCSC

10:45 am - 11:00 am

Networking Break (15 minutes)

11:00 am - 12:00 pm

Morning Plenary Panel (60 minutes)

Evolving Trends in Orthopedic Care Across Saskatchewan and Canada

Moderated by: Dr. David Sauder MD FRCSC DRCPSC

Panelists:

Dr. Sukhdeep Dulai, MD, BSc, MHS, FRCSC,
Dr. Joan Wheat-Hozack, MD, FRCSC,
Dr. Jordan Buchko, MD, FRCSC

Afternoon

12:00 pm - 1:00 pm	Lunch & Exhibits (60 minutes)			
1:00 pm - 2:00 pm	Afternoon Plenary Session (60 minutes)			
Emerging Topics in Medical Imaging in Orthopedics	Dr. Martin Heroux, MD, CCFP (EM), SEM, FCFP	Dr. Adam Frost, MD, FRCSC	Dr. Joan Wheat-Hozack, MD, FRCSC	
2:00 pm - 2:15 pm	Coffee & Exhibits (15 minutes)			
2:15 pm - 3:15 pm	Afternoon Concurrent Sessions (60 minutes)			
The Essentials of Hand Splinting: What Every Clinician Should Know	Fanny Yu, MScOT, CHT			
Pediatric Care: Hip Health in Newborns	Dr. Courtney Bull, FRCSC			
Canadian Care Pathway for DDH	Dr. Sukhdeep Dulai, MD, BSc, MHSc, FRCSC			
3:15 pm - 3:25 pm	Afternoon Stretch (10 minutes)			
3:25 pm - 4:25 pm	Afternoon Concurrent Sessions (60 minutes)			
Orthopedic Emergencies	Dr. Zachary Oleynik, MD			
Assessment and Management of Common Sports Injuries	Dr. Martin Heroux, MD, CCFP (EM), SEM, FCFP	Dr. Katherine Thompson, MD, CCFP (EM)		
Principles of Diabetic Foot Care for the Surgeon	Dr. Lee Kolla, MD, FRCSC			
4:25 pm - 4:40 pm	Closing Remarks (15 minutes)			
SCORE Wrap-Up	Dr. David Sauder, MD FRCSC DRCPSC			

Welcome to SCORE



Session Time:
08:30 am - 8:40 am



Speaker:
Dr. David Sauder,
MD FRCSC
DRCPSC



Session Type:
Plenary



Stream:
Dual



Q&A:
None

Description:

The opening session of SCORE will include a curriculum overview, daily schedule, conference expectations, and a Land Acknowledgement.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Determine whether to sign up for general or plenary sessions.
- ✓ Learn emergency exits and procedures.
- ✓ Understand the daily schedule and learning expectations.

It's All About the Glutes, Baby!



Session Time:
8:40 am - 9:40 am



Speaker:
Dr. Jordan Buchko,
MD, FRCSC



Session Type:
Plenary



Stream:
Dual



Q&A:
15 minutes

Description:

This session focuses on the critical role of the gluteal muscles in functional mobility, injury prevention, and musculoskeletal stability.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Explain the biomechanical role of the gluteal muscles in maintaining functional mobility and preventing musculoskeletal injury across clinical contexts.
- ✔ Evaluate how gluteal weakness or dysfunction contributes to clinical presentations commonly encountered in orthopedics, rehabilitation, and emergency medicine.
- ✔ Design patient-centered strategies to promote gluteal health, considering the unique needs of rural, remote, and urban populations in Saskatchewan.

Fundamentals of Fracture Management



Session Time:
9:55 am - 10:45 am



Speaker:
Dr. Kyle Goldstein,
MD



Session Type:
Concurrent



Stream:
General



Q&A:
15 minutes

Description:

This session focuses on the essential principles of fracture assessment and management in acute care settings.

Dr. Kyle Goldstein will lead a practical discussion tailored for emergency physicians and primary care providers who frequently encounter musculoskeletal injuries.

Participants will gain hands-on skills in identifying fractures, applying appropriate splints, and recognizing when specialist referral is needed.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Recognize common fracture patterns and clinical signs requiring urgent intervention.
- ✓ Apply basic splinting techniques suitable for emergency and primary care settings.
- ✓ Determine appropriate referral pathways and follow-up strategies for fracture care.

Pre-Arthroplasty Mobility Strategies



Session Time:
9:55 am - 10:45 am



Speakers:
Ryley Sather
MPT, B.Sc. Kin
Regan Coulter BSc
BScPT



Session Type:
Concurrent



Stream:
General



Q&A:
15 minutes

Description:

This session focuses on preserving mobility and independence in patients awaiting arthroplasty.

Ryley Sather and Regan Coulter will highlight the role of targeted strengthening, functional bracing, and movement strategies to support joint health and daily function.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Describe the role of lower limb strength in maintaining mobility prior to arthroplasty.
- ✓ Identify appropriate bracing options to support joint function and reduce pain.
- ✓ Develop individualized strategies to preserve independence across rural, remote, and urban care environments.

Precision or Perfection? How Robotics is Revolutionizing Arthroplasty



Session Time:
9:55 am - 10:45 am



Speaker:
Dr. Ian Lutz, MD,
FRCSC



Session Type:
Concurrent



Stream:
Surgical



Q&A:
15 minutes

Description:

This session explores the evolving role of robotic-assisted technology in joint replacement procedures.

Dr. Ian Lutz will lead a focused discussion designed for surgeons, surgical trainees, and interdisciplinary team members interested in precision techniques and innovation in arthroplasty.

Participants will gain insight into how robotics can enhance surgical accuracy, improve patient outcomes, and support decision-making in complex cases.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Describe the principles and benefits of robotic-assisted arthroplasty.
- ✓ Evaluate current evidence and clinical applications of robotics in joint replacement.
- ✓ Discuss considerations for integrating robotic technology into surgical practice, including workflow, training, and patient selection.

Evolving Trends in Orthopedic Care Across Saskatchewan and Canada



Session Time:
11:00 am - 12:00 pm



Moderator:
Dr. David
Sauder, MD
FRCSC
DRCPSC



Panelists:
Dr. Sukhdeep Dulai, MD,
BSc, MHSc, FRCSC
Dr. Joan Wheat-Hozack,
MD, FRCSC
Dr. Jordan Buchko, MD,
FRCSC



Session Type:
Concurrent



Stream:
Dual



Q&A:
15 minutes

Description:

This session begins with a brief presentation by Dr. Sukhdeep Dulai, President of the Canadian Orthopedic Association.

Following that, Dr. David Sauder will lead a dynamic panel discussion in which expert panelists share insights into the evolving orthopedic landscape across Saskatchewan and Canada.

Topics will include clinical innovations, system-level changes, workforce challenges, and future directions in orthopedic care.

Designed for orthopedic surgeons, trainees, and allied health professionals, this session offers a valuable opportunity for dialogue around provincial and national trends.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Identify key trends and innovations shaping Orthopedic care in Saskatchewan and across Canada.
- ✓ Discuss the impact of healthcare system changes on Orthopedic practice and patient outcomes.
- ✓ Engage in collaborative dialogue around future directions in Orthopedic surgery and interdisciplinary care

Emerging Topics in Medical Imaging in Orthopedics



Session Time:
1:00 pm - 2:00 pm



Speakers:
Dr. Martin Heroux, MD,
CCFP (EM) (SEM), FCFP
Dr. Joan Wheat-Hozack, MD,
FRCSC
Dr. Adam Frost, MD, FRCSC



Session Type:
Plenary



Stream:
Dual



Q&A:
15 minutes

Description:

This session explores new and evolving applications of medical imaging in orthopedic care.

Dr. Marty Heroux, Dr. Joan Wheat-Hozack, and Dr. Adam Frost will highlight advances in diagnostic imaging, image-guided procedures, and the integration of imaging technologies into orthopedic decision-making.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Identify emerging imaging modalities and their relevance to orthopedic diagnosis and treatment.
- ✓ Discuss the role of imaging in guiding clinical decisions and improving patient outcomes.
- ✓ Explore opportunities and challenges in implementing advanced imaging technologies across diverse practice settings.

The Essentials of Hand Splinting: What Every Clinician Should Know



Session Time:
2:15 pm - 3:15 pm



Speakers:
Fanny Yu, MScOT,
CHT



Session Type:
Concurrent



Stream:
General



Q&A:
15 minutes

Description:

This practical and interactive session introduces learners to the foundational principles of hand splinting, with a focus on community-based care. Participants will explore how different hand and wrist injuries are typically splinted, including a range of diagnoses commonly encountered in primary care and urgent care settings.

The session will highlight frequent mistakes made in splinting that can delay recovery or worsen outcomes and provide guidance on how to effectively refer patients to occupational therapists for advanced splinting and rehabilitation support.

This session blends clinical reasoning with hands-on tips to improve confidence and competence in managing upper extremity injuries.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Identify common hand and wrist injuries seen in community practice and describe appropriate splinting techniques for each.
- ✔ Recognize frequent errors in splint application and understand how to avoid them to optimize patient outcomes.
- ✔ Understand the referral process to occupational therapy and how to ensure timely and appropriate follow-up care.

Pediatrics Care: Hip Health in Newborns



Session Time:
2:15 pm - 3:15 pm



Speakers:
Dr. Courtney Bull, FRCSC



Session Type:
Concurrent



Stream:
General



Q&A:
15 minutes

Description:

This session offers a practical introduction to newborn hip development and early detection of conditions like developmental dysplasia of the hip (DDH).

Designed for primary care providers, emergency responders, rehabilitation specialists, and learners across disciplines, this session supports foundational knowledge and collaborative care.

Learning Objectives:

At the end of this session, participants will be able to:

- ✓ Describe the normal anatomy and development of the newborn hip.
- ✓ Identify risk factors and early clinical signs of developmental dysplasia of the hip (DDH).
- ✓ Explain referral pathways and family-centered communication strategies for newborns at risk of hip disorders.

Canadian Care Pathway for DDH



Session Time:
2:15 pm - 3:15 pm



Speakers:
Dr. Sukhdeep Dulai, MD,
BSc, MHSc, FRCSC



Session Type:
Concurrent



Stream:
Surgical



Q&A:
15 minutes

Description:

This session will review the Canadian care pathway for the early detection, diagnosis, referral and management of Developmental Dysplasia of the Hip (DDH) in infants and young children.

Dr. Sukhdeep Dulai will lead a focused discussion designed for orthopedic surgeons and other healthcare professionals working in screening, diagnosis and multidisciplinary care.

Participants will explore Canadian guideline recommendations (including screening in infancy), key risk-factors, clinical examination and imaging strategies, referral criteria and interdisciplinary roles, with case-based discussions, pathway mapping and practical tools to support consistent delivery across primary, community and specialty settings.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Identify and apply the major risk-factors and screening milestones for DDH in Canadian infants.
- ✔ Describe an evidence-informed clinical examination and imaging strategy (including when to use ultrasound or radiography) and determine appropriate timing for referral to orthopedic care.
- ✔ Map and implement a coordinated care pathway that outlines the roles of primary care, community screening, and specialty (orthopedic) services to enhance early detection, streamline referral, and improve long-term hip outcomes.

Orthopedic Emergencies



Session Time:
3:25 pm - 4:25 pm



Speakers:
Dr. Zachary Oleynik,
MD



Session Type:
Concurrent



Stream:
General



Q&A:
15 minutes

Description:

This session focuses on the recognition and initial management of orthopedic emergencies in acute care settings.

Dr. Oleynik will guide participants through high-risk presentations such as compartment syndrome, open fractures, and neurovascular compromise, emphasizing timely intervention and referral.

Designed for emergency physicians, primary care providers, and urgent care clinicians, this session blends clinical insight with practical decision-making strategies.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Identify orthopedic emergencies that require immediate intervention or referral.
- ✔ Apply initial management strategies to stabilize patients and prevent complications.
- ✔ Recognize red flags and clinical signs that differentiate urgent from non-urgent musculoskeletal presentations.

Assessment and Management of Common Sports Injuries

**Session Time:**

3:25 pm - 4:25 pm

**Speakers:**

Dr. Martin Heroux, MD, CCFP (EM), SEM, FCFP
Dr. Katherine Thompson, MD, CCFP (EM)

**Session Type:**

Concurrent

**Stream:**

General

**Q&A:**

15 minutes

Description:

Join Dr. Martin Heroux and Dr. Katherine Thompson for a practical, case-based overview of common sports-related injuries frequently encountered in community and emergency settings.

This interactive session will highlight key principles in assessment, diagnosis, and early management of injuries such as sprains, strains, and overuse syndromes.

Designed for primary care providers, emergency clinicians, and rehabilitation professionals, the discussion will focus on evidence-informed strategies to optimize care for active populations.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Conduct focused assessments for common sports injuries using evidence-informed approaches.
- ✔ Initiate appropriate early management strategies to support recovery and prevent complications.
- ✔ Determine when referral to sports medicine, physiotherapy, or orthopedic specialists is warranted.

Principles of Diabetic Foot Care for the Surgeon

**Session Time:**

3:25 pm - 4:25 pm

**Speakers:**

Dr. Lee Kolla,
MD, FRCSC

**Session Type:**

Concurrent

**Stream:**

Surgical

**Q&A:**

15 minutes

Description:

This session provides a focused exploration of diabetic foot care from a surgical perspective.

Dr. Lee Kolla will guide participants through the pathophysiology, clinical assessment, and surgical decision-making involved in managing diabetic foot complications.

Topics will include wound classification, vascular assessment, infection control, and limb preservation strategies.

Emphasis will be placed on interdisciplinary collaboration, patient education, and optimizing outcomes in both acute and chronic presentations. Designed for orthopedic surgeons, surgical trainees, and allied health professionals, this session highlights the complexity and importance of proactive diabetic foot care in surgical practice.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Describe the pathophysiological mechanisms and clinical features of diabetic foot complications relevant to surgical care.
- ✔ Evaluate surgical and non-surgical management strategies for diabetic foot ulcers, infections, and ischemia, including criteria for limb salvage versus amputation.
- ✔ Apply principles of interdisciplinary care and patient education to improve outcomes and reduce recurrence in diabetic foot patients.

SCORE Wrap-Up



Session Time:
4:25 pm - 4:40 pm



Moderator:
Dr. David Sauder,
MD FRCSC
DRCPSC



Session Type:
Plenary



Stream:
Dual



Q&A:
None

Description:

This final session will conclude SCORE with reflections on the day's learning, appreciation for participant engagement, and a look ahead to future opportunities.

Dr. David Sauder will share ways learners can stay involved in ongoing initiatives, access additional educational resources, and continue building connections within the orthopedic, rehabilitation, and emergency care communities.

Learning Objectives:

At the end of this session, participants will be able to:

- ✔ Receive instructions on how to claim their continuing education credits for attending the conference.