


Leading Science. Leading Practice.

October 30 – November 2, 2016  Sheraton Centre Toronto

PROGRAM



critical care
canada

F O R U M

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FORUM

CCCF is a not-for-profit association that reports to the Interdepartmental Division of CCM at the University of Toronto.

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FUTURE DATE

Pre Conference October 2, 2017

Main Conference October 3-5, 2017

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CONFERENCE INFORMATION

WELCOME RECEPTION

SHERATON – 43RD FL – PINNACLE & CLUB LOUNGE

Tuesday November 1, 2016

6:00–8:00 pm

Join us at the end of Tuesday's sessions on the top floor of the Sheraton Centre to meet with CCCF faculty, delegates, exhibitors and sponsors. You'll enjoy wonderful food, cold drinks and a spectacular view of Toronto.

REGISTRATION HOURS

Sunday, October 30 3:00 pm–6:00 pm

Monday, October 31 7:00 am–5:00 pm

Tuesday, November 1 7:00 am–5:00 pm

Wednesday, November 2 7:00 am–1:00 pm

EXHIBIT HALL HOURS

LOWER CONCOURSE

Monday, October 31 10:00 am–4:00 pm

Tuesday, November 1 10:00 am–4:00 pm

Wednesday, November 2 10:00 am–2:00 pm

Networking breaks, lunches and posters are located in the Exhibit Hall

Download the free app from the Apple App store or Google Play store to your iPhone, iPad, or Android. Please visit cccf.appstor.io for a link and click on one of the icons at the top right of the page.

Once you're in to the event you'll be able to access:

- The full event schedule
- Contact info of other attendees
- Social sharing
- Information about speakers, exhibitors, and sponsors
- Notifications of feature items happening during the conference

We hope you will find this to be an easy and interesting resource to make your participation at CCCF even better.

SPONSORED SYMPOSIA

SHERATON CENTRE DOWNTOWN
SHERATON AB - LOWER CONCOURSE

MONDAY, OCTOBER 31

12:30 – 1:30 pm LUNCH –Medtronic
Case Series to Evaluate the Identification of
Anatomical Markers Using a Feeding Tube with
Iris Technology
Paul Wischmeyer MD, EDIC

Medtronic

Lunch is also available in the Exhibit Hall each day.

NOTE: THE SYMPOSIA ARE NOT ELIGIBLE FOR CME CREDITS AND NOT PART
OF THE SCIENTIFIC PROGRAM.

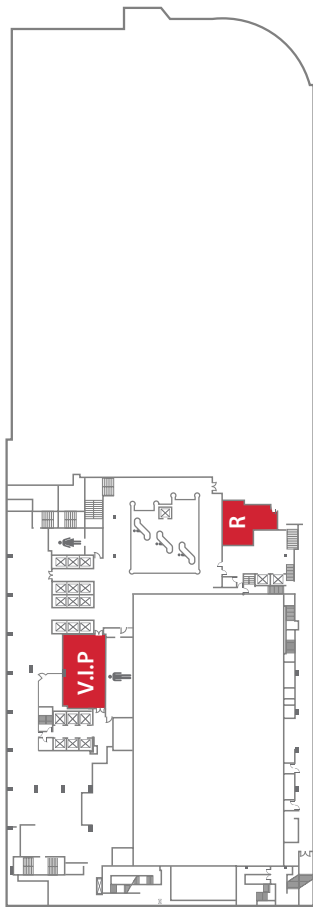


GW - Grand West
GC - Grand Centre
GE - Grand East

SH - Sheraton ABC

LOWER CONCOURSE

Queen Street



Richmond Street

York Street

R = Registration **V.I.P.** = Faculty Lounge

CONCOURSE LEVEL

The Critical Care Canada Forum is proud to acknowledge the support of the following Industry Sponsors:

PLATINUM

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SUPPORTING



EXHIBITORS

- | | |
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GOALS & LEARNING OBJECTIVES

GOAL → → → → →

To improve knowledge in a range of areas related to the practice of critical care and understanding of disease

LEARNING OBJECTIVE

Participants will be able to identify, assess, and treat critically ill patients in various settings (ICU, ER, trauma room) with a number of clinical problems including acute lung injury, sepsis, brain injury, etc.

GOAL → → → → →

To improve awareness of new clinical research and its application to clinical practice

LEARNING OBJECTIVE

Participants will be able to identify, critique, and apply the results of new clinical research in the critical care field

GOAL → → → → →

To improve understanding of factors related to the access and delivery of critical and acute care, both at a local and global level

LEARNING OBJECTIVE

Participants will be able to identify and discuss in an informed manner issues related to critical care access and delivery, from ethical, organizational, and clinical perspectives

MONDAY, OCTOBER 31, 2016**OPENING PLENARY**

Grand EAST

Moderators: B. Kavanagh, N. Ferguson

8:00-8:25 L Gattinoni 40 Years of Thinking about Extra-Corporeal Support

8:25-8:30 Discussion

ARDS - VENTILATOR-ASSOCIATED LUNG INJURY

Grand EAST

Moderators: G Bellani, C Dos Santos

8:30-8:50 G Curley Mechanisms of VALI

8:50-9:10 L Gattinoni Lung Stress and Strain in ARDS

9:10-9:30 G Rubenfeld Lung Protective Ventilation: beyond 6//kg

9:30-9:50 R Brower Setting Tidal Volumes in ARDS: PBW, DeltaP or Pes?

9:50-10:00 M Schmidt Oral Abstract - Driving Pressure is not Associated with Hospital Mortality in Patients without ARDS

END OF LIFE - DECISIONS AND SUPPORT

Grand CENTRE

Moderators: R Fowler, R Kirsch

8:30-8:50 S Halpern Nudging Intensivists: Simple Interventions to Change End-of-Life Care

8:50-9:10 C Cox Attitudes and Beliefs about ICU-Based Palliative Care

9:10-9:30 J Downar Bereavement and Support

9:30-9:50 D Cook Spirituality at the End of Life

9:50-10:00 N Chin-Yee Oral Abstract - Economic Evaluation of the Very Elderly Admitted to Intensive Care Unit in Canada

SEPSIS DEFINITIONS

Grand WEST

Moderators: H Wong, A Fox-Robichaud

8:30-8:50 JL Vincent New Sepsis Definitions: Finally Back to Common Sense

8:50-9:10 P Dellinger Surviving Sepsis in the Era of New Definitions

9:10-9:30 C Seymour qSOFA in Sepsis-3: Where are we Now?

9:30-9:50 J Marshall Definitions: Do they Help Us?

9:50-10:00 V Lo Oral Abstract - Impact of Initial Lactate Level on ED Management of Patients with Sepsis: A Multicentre Retrospective Cohort Study

10:00-10:30 BREAK Served in the Exhibit Hall

ARDS - FRONTIERS

Grand EAST

Moderators: R Brower, K Bosma

10:30-10:50 T Yoshida The Role of Continuous Negative Abdominal Pressure in ARDS

10:50-11:10 A Vieillard-Baron RV Protective Ventilation in ARDS

11:10-11:30 J Laffey Stem Cell Therapies for ARDS

11:30-11:50 T Thompson The Michael Ward Memorial Lecture: ARDS Endotypes - Differential Response to Fluid Therapy

11:50-12:00 Discussion

END OF LIFE - CHOICES & CONFLICTS

Grand Centre

Moderators: J Downar, C Cox

10:30-10:50 G Rubinfeld Intractable Conflicts Over End-of-Life Care after Rasouli

10:50-11:10 R Kirsch ICU Care is not a Buffet: Problems with Shared Decision Making

11:10-11:30 R Fowler End of Life Care - Are all Canadians Equal?

11:30-11:50 D Brodie What you Need to Know when it's Time to Withdraw ECMO

11:50-12:00 Discussion

SEPSIS HEMODYNAMICS

Grand West

Moderators: L McIntyre, C Seymour

10:30-10:50 D Talmor Beta Blockade in Sepsis- What is the Evidence

10:50-11:10 M Ranieri Does High Heart Rate Worsen Outcome in Septic Shock?

11:10-11:30 K Walley Assessing Ventricular Function in Sepsis and Critical Illness.

11:30-11:50 A Kumar Making Sense of Early Goal Directed Therapy

11:50-12:00 Discussion

PLENARY RCT

Grand EAST

Moderators: S Mehta, B Cuthbertson

12:00-12:15 P Dellinger The EUPHRATES Trial - Hemofiltration in Septic Shock

12:15-12:20 T Thompson Editorial Comment

12:20-12:30 Questions and Discussion

12:30-13:30 LUNCH Served in the Exhibit Hall

ARDS - BASICS

Grand East

Moderators: L Brochard, N Adhikari

13:30-13:50	G Bellani	Current Management of ARDS Patients: The LUNG SAFE Study
13:50-14:10	E Duan	Management of Severe ARDS - Current Canadian Practice
14:10-14:30	L Chen	Lung Recruitability in ARDS: How to Define and Assess?
14:30-14:50	A Mercat	How I Use Ventilator Waveforms at the Bedside
14:50-15:00		Discussion

ICU TEAMS

Grand Centre

Moderators: D Cook, O Smith

13:30-13:50	A Amaral	Families as Part of the Team to Improve Quality of Care
13:50-14:10	E Paradis	The Rise of the "Collaborative Imperative"
14:10-14:30	S Kitto	Rapid Response Systems and Collective (In)competence
14:30-14:50	P Brindley	Teamwork: Beyond the Usual Platitudes
14:50-15:00		Discussion

SEPSIS OUTCOMES

Grand West

Moderators: J Marshall, W Lee

13:30-13:50	J Iwashyna	Late Mortality After Sepsis Is Real
13:50-14:10	JL Vincent	The 10 Elements that can Improve Outcome in Sepsis
14:10-14:30	K Walley	Impact of Obesity on Sepsis Outcomes
14:30-14:50	J Marshall	Endotoxemia: Harmful or Beneficial
14:50-15:00		Discussion

ALL ABOUT THE RV

Sheraton AB

Moderators: M Ranieri, E Goligher

13:30-13:50	J Granton	RV Failure
13:50-14:10	J Hall	PEEP and the RV during Mechanical Ventilation
14:10-14:30	D Brodie	The RV during VV ECMO
14:30-14:50	A Vieillard-Baron	Heart-Lung Interactions: Applications at the Bedside
14:50-15:00		Discussion
15:00-15:30	BREAK	Served in the Exhibit Hall

ARDS - UNDER PRESSURE

Grand East

Moderators: N Ferguson, T Yoshida

15:30-15:50	A Mercat	P 0.1
15:50-16:10	D Talmor	Pes to Set PEEP - The American Approach
16:10-16:30	L Gattinoni	Pes to Set PEEP - The Italian Approach
16:30-16:50	L Brochard	Pes to Set PEEP - The (French) Canadian Perspective
16:50-17:00		Discussion

BENCH TO BEDSIDE

Grand Centre

Moderators: J Hutchison, G Curley

15:30-15:50	K Walley	Lipoproteins and PCSK9 in Sepsis
15:50-16:10	H Wong	PCSK9 - Children are Different
16:10-16:30	C Seymour	The Mouse 9-1-1 - How Novel Animal Models should Inform Sepsis Trials
16:30-16:50	W Lee	Basic Science and Clinical Medicine – a Relationship on the Rocks?
16:50-17:00		Discussion

SEDATION & DELIRIUM

Grand West

Moderators: L Burry, M Detsky

15:30-15:50	T Walsh	Improving Sedation-Analgesia Quality using Novel Technology
15:50-16:10	J Hall	Has Dexmedetomidine Added Anything to our Approach to Sedation?
16:10-16:30	L Rose	Physical Restraints and Management of Agitation in the ICU
16:30-16:50	D Williamson	Detection of Iatrogenic Opioid and Benzodiazepine Withdrawal in the ICU
16:50-17:00		Discussion

RESTARTING AND SUPPORTING THE HEART

Sheraton AB

Moderators: J Friedrich, P Laussen

15:30-15:50	R Arntfield	Echocardiography Assisted Cardiac Arrest Management
15:50-16:10	L Morrison	ILCOR Beyond 2015 – Point and Click Continuous Evidence Review
16:10-16:30	S Magder	Intra-Aortic Balloon Pump - When and How
16:30-16:50	A Combes	Balloon Pump in VA-ECMO
16:50-17:00		Discussion

PLENARY RCT

Grand East

Moderators: T Walsh, H Wunsch

17:00-17:15	C Parshuram	EPOCH – A Cluster Randomized Trial of a Documentation-Based System of Care
17:15-17:20	H Wong	Editorial Comment
17:20-17:30		Discussion

TUESDAY, NOVEMBER 1, 2016**PLENARY RCT**

Grand East

Moderators: J Iwashyna, R Green

8:00-8:15	D Scales	The ICE-PACs Trial
8:15-8:20	S Keenan	Editorial Comment
8:20-8:30		Discussion

ECMO - TECHNIQUES & OUTCOMES

Grand East

Moderators: A Mercat, AM Guerguerian

8:30-8:50	DBrodie	Starting & Building an ECMO Program
8:50-9:10	E Fan	Mechanical Ventilation during ECMO
9:10-9:30	L Munshi	Oxygenation Thresholds and Mortality in ECMO
9:30-9:50	A Combes	Predicting Outcomes in ECMO Patients
9:50-10:00		Discussion

QUALITY - WHAT TO (NOT) DO

Grand Centre

Moderators: D Zygun, E Wilcox

8:30-8:50	A Garland	Variation in ICU Care: Why do Intensivist Practice Patterns Differ?
8:50-9:10	S Halpern	Cost-Effective Critical Care Delivery: What does it Look Like?
9:10-9:30	A Amaral	Choosing Wisely Canada – 5 Things NOT to Do
9:30-9:50	B Kavanagh	Protocols – Alignment and Attribution
9:50-10:00	J Spring	Oral Abstract - A Missed Opportunity? The Impact of Witnessing CPR in Shared Hospital Rooms on Patients' Goals of Care

SEPSIS DEVELOPMENT

Grand West

Moderator: A Kumar, D Karvellas

8:30-8:50	J Boyd	New Insights Into the Cause of Sepsis
8:50-9:10	W Lee	The Role of Nosocomial Infection in the Pathogenesis of Sepsis
9:10-9:30	H Wong	What We've Learned from Sepsis Endotypes
9:30-9:50	C Seymour	The Pathogen in Sepsis: Worth It or a Waste?
9:50-10:00	A Varkouhi	Oral Abstract - Therapeutic Efficacy of Human Umbilical Cord Mesenchymal Stem Cell-Derived Extracellular Vesicles in Pre-Clinical Model of ARDS

MONITORING

Sheraton AB

Moderator: J Granton, G Douflé

8:30-8:50	G Bellani	Monitoring - Spontaneous Breathing
8:50-9:10	A Vieillard-Baron	Monitoring - Fluid Requirements by Echo
9:10-9:30	JL Vincent	Monitoring - Shock: Current Guidelines
9:30-9:50	J Granton	Monitoring - Extravascular Lung Water
9:50-10:00	D Chaudhuri	Critical Care at the End of Life: A Population-Level Retrospective Cohort Study of Cost and Outcomes in Ontario
10:00-10:30	BREAK Served in the Exhibit Hall	

ECMO - SPECIFIC INDICATIONS

Grand East

Moderators: L Gattinoni, L Munshi

10:30-10:50	D Brodie	ECMO for Severe PH: An Idea Ahead of Its Time?
10:50-11:10	N Ferguson	ECMO for Refractory Hypoxemia
11:10-11:30	A Combes	Va-ECMO for Refractory Cardiogenic Shock & Cardiac Arrest
11:30-11:50	R Brower	Outcomes from Severe ARDS Managed without ECMO
11:50-12:00	Discussion	

MINIMIZING AND OPTIMIZING VENTILATION

Grand Centre

Moderators: K Burns, N Hill

10:30-10:50	A Mercat	High-Flow Nasal Oxygen
10:50-11:10	N Hill	NIV for Hypoxemic Respiratory Failure, Does It Still Have a Role?
11:10-11:30	D Georgopoulos	Recognising Patient-Ventilator Dyssynchrony
11:30-11:50	L Brochard	Proportional Modes. What For?
11:50-12:00		Discussion

INFECTIONS & ANTIBIOTICS

Grand West

Moderators: F Van Haren, A Amaral

10:30-10:50	D Cook	The Potential of Microbiome Modification
10:50-11:10	N Adhikari	Antimicrobial Resistance in Low and Middle-Income Countries
11:10-11:30	R Fowler	Antibiotics: How Long Do We Need to Treat?
11:30-11:50	J Friedrich	Continuous vs Intermittent Dosing of Antibiotics in Critically-Ill Patients
11:50-12:00		Discussion

CFN/CCCF - FRAILITY, AGING & CRITICAL ILLNESS - I

Sheraton AB

Moderators: J Muscedere, S Goddard

10:30-10:50	J Muscedere	Frailty: Pathobiology and Implications in the ICU - Are Chronic Critical Illness and Frailty the Same?
10:50-11:10	M Herridge	Missed Opportunities to Improve Care Transition for Elderly Frail Survivors of ICU
11:10-11:30	T Walsh	How Can We Best Improve Short and Long-Term Outcomes for the Elderly or Frail Admitted to ICU?
11:30-11:50	C Cox	Coping, Hope, Resilience, Optimism: New Targets for ICU Interventions
11:50-12:00		Discussion

PLENARY SESSION

Grand East

Moderators: S Shemie, B Kavanagh

12:00-12:30	E Wijdicks	The Brain Death Concept- History and Controversies
12:30-12:45		Discussion

12:45 - 13:30 LUNCH Served in the Exhibit Hall

FUNDAMENTALS OF DECEASED DONATION 1

Grand East

Moderators: JF Lize, G Isac

13:30-13:45 S Beed Canadian and Provincial Deceased Donation Data Update

13:45-14:10 E Wijdicks Diagnostic Errors in Brain Death

14:10-14:50 S Dhanani
A Healey
S Beed
G Isac, JF Lize Donation Support Physician On Call: What would you do?

14:50-15:00 Discussion

SPONTANEOUS OR CONTROLLED BREATHING?

Grand Centre

Moderators: N Hill, T Pham

13:30-13:50 A Mercat Spontaneous Breathing in ARDS

13:50-14:10 B Kavanagh Spontaneous Ventilation – Risks/Benefits

14:10-14:30 L Brochard Do We Have Solutions to Combine Spontaneous and Mechanical Breaths?

14:30-14:50 J Hall Balancing Lung Protection vs Early Mobilization

14:50-15:00 Discussion

NOVEL CLINICAL TRIALS

Grand West

Moderators: T Thompson, E Duan

13:30-13:50 F vanHaren Introducing the Adaptive Platform Trial Design

13:50-14:10 B Cuthbertson The Cluster RCT

14:10-14:30 T Thompson Reporting Heterogeneity of Treatment Effect in Critical Care Trials

14:30-14:50 J Marshall International Collaboration for RCTs in the 21st Century

14:50-15:00 Discussion

CFN/CCCF - FRAILTY, AGING & CRITICAL ILLNESS - II

Sheraton AB

Moderators: T Walsh, L Rose

13:30-13:50 J Iwashyna Persistent Critical Illness

13:50-14:10 S Mehta Is Your ICU Elder or Frail Friendly?

14:10-14:30 S Bagshaw Frailty: What to Measure? When to Measure? Does It Add Any Value?

14:30-14:50 H Wunsch Elderly in the ICU: Demographic Transition and Outcomes

14:50-15:00 Discussion

15:00-15:30 BREAK Served in the Exhibit Hall

INTERACTIONS BETWEEN DONATION PROFESSIONALS, STAFF, AND FAMILIES

Grand East

Moderators: S Keenan, M Hartwick

15:30-16:00 D Kuhl Communication and Resilience in End-of-Life Donation Discussions

16:00-16:25 M Toews Is Family Override Illegal?

16:25-16:50 M Weiss/
B Rochweg Clinical Practice Guideline Development - A Pain in the Academic? Lessons Learned from Pediatric DCD

16:50-17:00 Discussion

ALL ABOUT ECCO2R

Grand Centre

Moderators: E Fan, D Brodie

15:30-15:45 N Hill Extracorporeal CO2 Removal to Treat Respiratory Failure, Where Are We?

15:45-16:00 L Del Sorbo ECCO2R in Acute Exacerbations of COPD

16:00-16:15 A Combes Why ECCO2R Might Improve the Outcomes of ARDS Patients

16:15-16:30 O Smith ECCO2R - It Takes an Interprofessional Team

16:30-16:45 M Ranieri ECCO2R during CRRT

16:45-17:00 Discussion

CLINICAL RESEARCH

Grand West

Moderators: A Seely, V McCredie

15:30-15:50 R Brower The PETAL Network - Challenges and Opportunities

15:50-16:10 M Chasse Clinically Important Outcomes in ICU Research

16:10-16:30 A Turgeon How Should Clinical Trials in Brain Injury Be Designed?

16:30-16:50 R Fowler Pitfalls in Observational Studies in the ICU

16:50-17:00 Discussion

CRITICAL CARE NEPHROLOGY

Sheraton AB

Moderators: S Lapinsky, J Friedrich

15:30-15:50 R Wald New Diagnostic Tests for AKI

15:50-16:10 S Gaudry Strategies for Initiating RRT in AKI

16:10-16:30 A Kumar Renal Function in Septic Shock

16:30-16:50 S Bagshaw Automated e-Alerts & Integrated Clinical Decision Support in AKI

16:50-17:00 Discussion

PLENARY DEBATE - CRITICAL CARE EDUCATION IN CANADA

Grand East

Moderators: A Fox-Robichaud, R Fowler

17:00-17:15 S Dev Critical Care Training in Canada Should Become Direct Entry

17:15-17:30 P Brindley Critical Care Training in Canada Should Remain Subspecialty

17:30-17:45 Discussion & Rebuttal

18:00 - 20:00 **WELCOME RECEPTION** – Everyone Welcome! 43rd floor**WEDNESDAY, NOVEMBER 2, 2016****PLENARY ADDRESS**

Grand East

Moderators: S Dhanani, M Chasse

8:00-8:25 B Dominguez-Gil Insights into the Spanish Organ Donation System

8:25-8:30 Discussion

CARDIAC ARREST AND ORGAN DONATION

Grand East

Moderators: J Singh, J Kutsogiannis

8:30-8:50 B Dominguez-Gil Uncontrolled Donation after Circulatory Death

8:50-9:05 S Brooks ECMO-CPR

9:05-9:20 D Scales Neuroprognostication after Resuscitated Cardiac Arrest

9:20-9:35 S Dhanani Auto Resuscitation after Cardiac Arrest

9:35-9:50 A Healey Non-perfusing Organ Donation

9:50-10:00 Discussion

WEANING - PART I

Grand Centre

Moderators: J Hall, K Burns

8:30-8:50 T Pham Redefining Weaning Classifications - The WIND Study

8:50-9:10 K Burns Is There a Preferred SBT Technique?

9:10-9:30 E Goligher Assessing and Managing the Difficult-To-Wean Ventilated Patient

9:30-9:50 A Seely Using Respiratory Rate Variability to Improve Extubation Success

9:50-10:00 Discussion

SCIENCE OF QUALITY

Grand West

Moderators: A Amaral, MA Moga

8:30-8:50	C Parshuram	Re-Evaluating Error in the ICU
8:50-9:10	J Granton	Medical Error: Are We Missing the Elephant in the Room?
9:10-9:30	E Fan	iCORE - Registries for QI or Research
9:30-9:50	D Zygun	Benchmarking and Cost Containment: Does Quality Suffer?
9:50-10:00		Discussion

SONIC HIGHWAYS - CRITICAL CARE ULTRASOUND I

Sheraton AB

Moderators: A Goffi, R Arntfield

8:30-8:50	M Meineri	Let's Get It Started - Critical Care Ultrasound: Goals, Limitations & Training
8:50-9:10	J Boyd	Under Pressure— Resuscitative echocardiography in the ICU
9:10-9:30	G Doufle	Swan Song – Echocardiography as a Pulmonary Artery Catheter?
9:30-9:50	M Meineri	The Dark Side of the Moon - Transesophageal Echocardiography
9:50-10:00		Discussion

10:00-10:30 BREAK Served in the Exhibit Hall**ADVANCES IN ORGAN DONATION & TRANSPLANTATION**

Grand East

Moderators: A Kramer, M Sharpe

10:30-10:55	J Zaltzman	DCD Transplant Outcomes
		Pushing the Limits or Cautious Reluctance: Organ Utilization
10:55-11:20	B Cantin	Heart Utilization Decisions
11:20-11:45	B Dominguez-Gil	Organ Utilization in Spain
11:45-12:00		Panel Discussion

WEANING - PART II

Grand Centre

Moderators: L Brochard, L Chen

10:30-10:50 F vanHaren Delayed Weaning from the Ventilator; Nutrition and Training

10:50-11:10 L Burry Drugs and Weaning from MV

11:10-11:30 D Georgopoulos Control of Breathing during Mechanical Ventilation

11:30-11:50 K Bosma Difficult Weaning - Is There a Role for PAV?

11:50-12:00 Discussion

CRITICAL CARE - SPECIAL SITUATIONS

Grand West

Moderators: R Green, L Del Sorbo

10:30-10:50 S Keshavjee Care of the Lung Transplant Patient - The Surgical Perspective

10:50-11:10 S Lapinsky Care of the Critically Ill Pregnant Patient

11:10-11:30 P Brindley Care of the Pre-Hospital Trauma Patient

11:30-11:50 D Karvellas Care of the Liver-Failure Patient

11:50-12:00 Discussion

SONIC HIGHWAYS - CRITICAL CARE ULTRASOUND II

Sheraton AB

Moderators: J Boyd, M Meineri

10:30-10:50 A Goffi The Sound of Silence – Lung Ultrasound in ARDS

10:50-11:10 E Goligher I Like to Move It – Diaphragmatic Ultrasound: Take a (Deep) Breath

11:10-11:30 A Goffi I Want to Break Free – Ultrasound for Liberation of Mechanical Ventilation

11:30-11:50 R Arntfield Stayin' Alive - Beyond FAST: More Ultrasound in the Trauma Bay

9:50-10:00 Discussion

12:30-13:30 LUNCH Served in the Exhibit Hall

PLENARY RCT Grand East**Moderators:** S Dev, S Lapinsky

12:00 - 12:15 S Gaudry Timing of Renal Replacement Therapy Trial

12:15 - 12:20 S Bagshaw Editorial Comment

12:20-12:30 Discussion

ICU REHAB & RECOVERY Grand East**Moderators:** D Cook, A Goffi

13:30-13:50 M Detsky Clinical Predictors of 6 Month Outcomes

13:50-14:10 S Goddard Barriers to Mobilizing ICU Patients

14:10-14:30 T Walsh Recovery Trajectories Following Critical Illness: Are They Really Modifiable?

14:30-14:50 M Herridge Post-ICU Patient- and Family-Centred Care as a Future Practice Standard

14:50-15:00 Discussion

NEUROCRITICAL CARE - MONITORING THERAPIES Grand Centre**Moderators:** A Turgeon, A Baker

13:30-13:50 V McCredie Precision Medicine in Neurocritical Care: Should We Individualize Care?

13:50-14:10 S Mayer Management of ICP: A Stepwise Approach

14:10-14:30 AM Guerguerian Brain resuscitation

14:30-14:50 J Singh What's New in ICH Management

14:50-15:00 Discussion

RESUSCITATION Grand West**Moderators:** D Scales, L McIntyre

13:30-13:50 R Green The Importance of Pre-Intubation Resuscitation

13:50-14:10 MA Moga Resuscitation-Improvement Beyond the ABCs

14:10-14:30 L McIntyre What Is the Right Fluid to Use?

14:30-14:50 S Magder Goal-Directed Versus "Fluid-Guided" Therapy

14:50-15:00 Discussion

15:00-15:30 BREAK Served in the Grand foyer

CRITICAL CARE HAEMATOLOGY

Grand East

Moderators: L Munshi, P Hebert

15:30-15:50	R Zarychanski	Platelet Dysfunction in Critical Care
15:50-16:10	S Mehta	Critical Care Outcomes of Patients With Hematological Malignancy
16:10-16:30	M Chasse	The Effect of Blood Donor Characteristics on Transfusion Outcomes
16:30-16:50	P Hebert	Transfusion Triggers in Acute Coronary Syndrome
16:50-17:00		Discussion

NEUROCRITICAL CARE - PROGNOSIS & OUTCOMES

Grand Centre

Moderators: V McCredie, S Mayer

15:30-15:50	S Mayer	Fundamentals of Rapid Bedside Neurological Assessment
15:50-16:10	A Turgeon	Do Prognostic Models Matter in Neurocritical Care?
16:10-16:30	A Baker	Update on Concussion and MTBI for Intensivists
16:30-16:50	E Wilcox	Long-Term Impact & Outcomes of Neurological Critical Illness
16:50-17:00		Discussion

CRITICAL CARE EDUCATION

Grand West

Moderator: M Sen, D Piquette

15:30-15:50	B Toledano	Frank Rutlege Award Winner
15:50-16:10	S Dev	When It Works: Using Multimedia Effectively in Your Teaching
16:10-16:30	E Paradis	Education for Collaboration: Better Done Inter- or Uni-Professionally?
16:30-16:50	D Piquette	Transition to Competency Based Education: Is The Apprenticeship Dead?
16:50-17:00		Discussion

