

resusTO

See, Do, Discuss, Master

Morning Program for Thursday, September 13

Time	Topic/Presentation	Speakers, Location
0730h	Registration, breakfast and display viewing	—
Morning Plenary Session, LKS 240/241		
0800h	Welcome to resusTO	C. Hicks
0815h	Defending the Tribe: Do MDs Make The Best Team Leaders? <ul style="list-style-type: none">• Describe the relevance of inter-professionalism to team performance in resuscitation• Challenge traditional, “tribal” concepts of team leader and team member roles• Propose alternative team set-ups	V. Brazil J. Spurr
0835h	Resuscitative Hysterotomy <ul style="list-style-type: none">• Outline indications for resuscitative hysterotomy• Demonstrate preferred techniques• Integrate procedural pearls into coordinated maternal arrest algorithm	S. Gray
0855h	Resuscitation Economics <ul style="list-style-type: none">• Define resuscitation economics: Opportunity costs for decisions made• Demonstrate how in-situ simulation can be used to optimize the clinical resuscitation environment	A. Petrosniak P. Trbovich

0915h	Critical Airway Mindset and Management (CRAMM) <ul style="list-style-type: none"> • Critical thinking skills centered around decision-making in physiologically and anatomically challenging airways 	S. Weingart
0925h	Simulation for Elite Performers <ul style="list-style-type: none"> • Make an argument for how simulation can boost your team skills • Describe a technique for using simulation to maximize team performance • Outline an agenda for future work in elite teams and simulation training 	C. Nickson
0945	Coffee/Fika and poster/display viewing	LKS Gallery
Morning Concurrent Sessions Attendees Choose One (repeats in PM) 1015-1230h		
S-01	Inter-Professionalism in Resuscitation <ul style="list-style-type: none"> • Practice and apply: Alternative team set-ups for resuscitation teams • Practice and apply: effective team-based inter-professional communication 	V. Brazil K. White Sim OR
S-02	Resuscitative Hysterotomy Skills Session <ul style="list-style-type: none"> • Practice and apply: Decision-making in maternal arrest • Practice and apply: Technique for resuscitative hysterotomy and maternal resuscitation 	S. Gray A. Gray A. Dharamsi Sim Skills Lab
S-03	Resuscitation Economics/Own Your Environment <ul style="list-style-type: none"> • Practice and apply: Using in-situ simulation to design, test and optimize the resuscitation environment • Practice and apply: Detecting latent safety threats using in-situ training 	A. Petrosoniak C. Nickson P. Trbovich In-Situ ED

W-01	Making Teams Work: Theory and Practice <ul style="list-style-type: none"> Practice and apply: Key literature in teamwork and team training, by way of interactive table-top discussions Practice and apply: Take-away messages from the human factors literature most relevant to inter-professional teams 	J. Spurr C. Hicks LKS 240
W-02	Critical Airway Mindset and Management <ul style="list-style-type: none"> Practice and apply: Critical thinking and approach to airway in the critically ill patient Practice and apply: Bougie-assisted crithyrotomy, vents, hemodynamically neutral intubation 	S. Weingart B. Au R. Poley LKS 241
1230h	Lunch Escape Room, Episode 1 Mindfulness and Meditation with Erin Oke, Session 1	Li Ka Shing Gallery Sim Theatre LKS Classroom

Afternoon Program for Thursday, September 13

Time	Topic/Presentation	Speakers, Location
Afternoon Plenary Session, LKS 240/241		
1330h	Panel Debate: Spy vs. Spy <ul style="list-style-type: none"> Contextualize resuscitative hysterotomy: Is it futile? Provide an argument for/against MDs as team leaders Explore whether or not in-situ simulation is actually worth the bother 	C. Nickson J. Spurr V. Brazil A. Petrosniak C. Hicks K. White S. Gray P. Trbovich
1430h	Coffee/Fika and poster/display viewing	—

**Afternoon Concurrent Sessions
Attendees Choose One
1500-1715h**

S-01	<p>Inter-Professionalism in Resuscitation</p> <ul style="list-style-type: none"> • Practice and apply: Alternative team set-ups for resuscitation teams • Practice and apply: effective team-based inter-professional communication 	<p>V. Brazil K. White Sim OR</p>
S-02	<p>Resuscitative Hysterotomy Skills Session</p> <ul style="list-style-type: none"> • Practice and apply: Decision-making in maternal arrest • Practice and apply: Technique for resuscitative hysterotomy and maternal resuscitation 	<p>S. Gray C. Nickson Sim Skills Lab</p>
S-03	<p>Own Your Environment</p> <ul style="list-style-type: none"> • Practice and apply: Using in-situ simulation to design, test and optimize the resuscitation environment • Practice and apply: Detecting latent safety threats using in-situ training 	<p>A. Petrosniak P. Trbovich In-Situ ED</p>
W-01	<p>Making Teams Work</p> <ul style="list-style-type: none"> • Practice and apply: Key literature in teamwork and team training, by way of interactive table-top discussions • Practice and apply: Take-away messages from the human factors literature most relevant to inter-professional teams 	<p>J. Spurr C. Hicks LKS 240</p>
W-02	<p>Critical Airway Mindset and Management</p> <ul style="list-style-type: none"> • Practice and apply: Critical thinking and approach to airway in the critically ill patient • Practice and apply: Bougie-assisted crithyrotomy, vents, hemodynamically neutral intubation • 	<p>S. Weingart B. Au R. Poley LKS 241</p>

1730h	Day 1 Wrap-Up <ul style="list-style-type: none">• Identify practice-changing elements from Day 1 sessions• Define commitment to change: Session elements participants commit to practice, elaborate on or incorporate in their practice	C. Hicks LKS 240/241
1800h	Social Event	LKS Gallery

Morning Program for Friday, September 14

Time	Topic/Presentation	Speakers, Location
0630h	5K Downtown Fun Run	NE Corner of Victoria and Shuter St., outside LKS
0730h	Registration, breakfast and poster/display viewing	LKS Gallery
Morning Plenary Session, LKS Auditorium		
0800h	Welcome to Day 2	C. Hicks
0815h	After the Arrest <ul style="list-style-type: none">• Describe the hot debrief, a pause and delivering bad news to families• Re-setting your focus and mental state to get ready for the next case• Elaborate on the role of self-compassion in the post-arrest period	S. Gray
0835h	Optimizing Resuscitation Care: Rapid Cycle Deliberate Practice <ul style="list-style-type: none">• Outline the role of coaching, deliberate practice, and “pause, rewind, repeat” cycling in creating effective resuscitation team to meet objective metric-based targets• Coaching a team via “pause, rewind, repeat” cycles to improve team function in high acuity resuscitations	A. Gray A. Dharamsi

0855h	Resuscitate Like a Badass <ul style="list-style-type: none"> Describe psychological skills training in elite athletics Discuss the role of stress, arousal and performance in health care 	A. Liebig
0915h	Rethinking Traumatic Resuscitation <ul style="list-style-type: none"> Dispel myths associated with the ABCDE approach to trauma resuscitation Describe how to align key steps in trauma resuscitation to align with physiologic priorities Describe the role of REBOA in critically ill bleeding patients 	C. Nickson A. Petrosniak
0930h	Coffee/Fika and poster/display viewing	—
Morning Concurrent Sessions Attendees Choose One (repeats in PM) 1000-1215h		
S-04	Trauma Resuscitation Re-Sequenced <ul style="list-style-type: none"> Practice and apply: Decision-making and order of operations in critically ill trauma patients Practice and apply: A rational re-sequencing of trauma resuscitation maneuvers 	A. Petrosniak C. Nickson Sim OR
S-05	Optimizing Team Performance in an adult cardiac arrest <ul style="list-style-type: none"> Practice and apply: Employ “just in time” feedback, and deliberate practice to meet objective resuscitation targets in a medical cardiac arrest. Practice and apply: utilize ETCO2, employ early defibrillation of shockable rhythms, minimize peri shock pauses, improve CPR compression fraction for adult resuscitations Optimizing Team Performance in neonatal resuscitation <ul style="list-style-type: none"> Practice and apply: Employ “just in time” feedback, and deliberate practice to meet objective resuscitation targets in a neonatal resuscitation Practice and apply: Optimize ventilation, assemble a team and equipment, perform high quality CPR, and meet time-based metrics for neonatal resuscitation 	A. Gray A. Dharamsi K. White Sim Skills Lab

S-06	After the Arrest <ul style="list-style-type: none"> Practice and apply: Hot debrief, a pause and delivering bad news to families Practice and apply: Re-setting your focus and mental state to get ready for the next case The role of self-compassion in the post-arrest period 	S. Gray J. Spurr ISS CVICU
W-03	Psychological Skills Training for Resuscitation Teams <ul style="list-style-type: none"> Practice and apply: Mental reshearsal for high-stakes clinical events Practice and apply: Techniques for managing focus and arousal during periods of high stress 	A. Liebig J. Riggs LKS 240
W-04	REBOA <ul style="list-style-type: none"> Practice and apply: Indications, contraindications Practice and apply: Placing and confirming the ER-REOBA catheter 	C. Hicks/C. Nickson LKS 241
1230h	Lunch Escape Room, Episode 2 Mindfulness and Meditation with Erin Oke, Session 2	Li Ka Shing Gallery Sim Theatre LKS Classroom

Afternoon Program for Friday, September 14

Time	Topic/Presentation	Speakers, Location
Afternoon Plenary Session, LKS Auditorium		
1330h	Into Your Heads: A Deep(er) Dive into Psychological Skills in Resuscitation <ul style="list-style-type: none"> Panelists describe tips and tricks for maintaining composure and optimizing performance during critical events Synthesize information from panelist's "favorite papers" from performance psychology and non-technical skills training 	C. Nickson J. Spurr V. Brazil A. Petrosioniak C. Hicks K. White S. Gray A. Liebig J. Riggs

1430h	Coffee/Fika, and poster/display viewing	—
Afternoon Concurrent Sessions Attendees Choose One 1500-1715h		
S-04	Trauma Resuscitation Re-Sequenced <ul style="list-style-type: none"> Practice and apply: Decision-making and order of operations in critically ill trauma patients Practice and apply: A rational re-sequencing of trauma resuscitation maneuvers 	A. Petrosniak C. Nickson Sim Skills Lab
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W-04	<p>Psychological Skills Training for Resuscitation Teams</p> <ul style="list-style-type: none"> • Practice and apply: Mental rehearsal for high-stakes clinical events • Practice and apply: Techniques for managing focus and arousal during periods of high stress 	<p>A. Leibig J. Riggs LKS 240</p>
W-05	<p>REBOA</p> <ul style="list-style-type: none"> • Practice and apply: Indications, contraindications • Practice and apply: Placing and confirming the ER-REOBA catheter 	<p>C. Hicks/C. Nickson LKS 241</p>
1730h	<p>Day 2 Wrap-Up</p> <ul style="list-style-type: none"> • Identify practice-changing elements from Day 2 sessions • Define commitment to change: Session elements participants commit to practice, elaborate on or incorporate in their practice 	<p>C. Hicks LKS 240/241</p>