BEV LEECH ANESTHESIA EDUCATION DAY

APRIL 25, 2015

COURSE OFFERINGS AND REGISTRATION FORM
Dear Registrant,

As you will notice, this years’ Bev Leech Educational Day, to be held on April 25, 2015 in Saskatoon will be quite different in content and form from the usual event we have come to know. I have worked hard to ensure that this years’ offerings will hold wide appeal for all anesthesia providers in the Saskatchewan, from the university centres to the smallest of community hospitals, in hopes of engaging all members of our provincial anesthesia community.

Firstly, instead of a lecture-based format, the offerings at this years’ event will be small group learning opportunities in the form of hands-on workshops or Problem-based Learning Discussions (PBLD). In addition, there will be two “streams” of participants: one stream will register for the Anesthesia-Focused ACLS Course which will provide participants with their ACLS certification; a second stream will take part in a series of hands-on workshops described in this registration information package which will be centered on the use of bedside ultrasound to guide diagnosis and intervention in the realm of perioperative resuscitation. All participants will take part in a panel discussion covering the ethical considerations surrounding perioperative resuscitation orders.

As a result of these changes in format, we are pleased to be able to offer full Royal College accreditation of this day with Section 3 category designation! Section 3 activities are awarded to CPD activities that provide assessment of knowledge or performance. Each hour of contact provides 3 credits under the “Approved self-assessment and simulation activities (section 3)” of the Royal College of Physicians and Surgeons of Canada.

This is a significant change from previous years, as you will note. For example, last year participants were able to claim a maximum of 5 hrs (5 Section 1 credits) for attending the Bev Leech Education Day. This year, ACLS participants will be able to claim 5.5 hours (16.5 section 3 credits) and Ultrasound workshop/PBLD participants can claim up to 6.5 hours (19.5 section 3 credits) depending on the activities they chose to take part in.

Because the small-group format requires significantly greater resources and planning, you will notice three things: 1) An earlier registration deadline; 2) Limited numbers of registrants for each learning stream with assignment based on a first-registered and paid basis; 3) Increased fees for this years’ program.

Late registration will only be considered if there is space remaining in the workshops and there is no guarantee that late registration will be possible for all session as the schedule will be revised depending on registration numbers and interest in the various offerings.
To ensure the best possible learning opportunity and environment, the registration form requires some information regarding the registrant’s level of training and experience with the various modalities and devices. Every effort will be made to ensure that participants are grouped with others of similar ability level. In addition, the registrant must also indicate level of interest in each of the learning opportunities that are offered so that the best possible schedule can be offered to each participant. A draft of the conference schedule is included with this registration information however it is anticipated that this schedule will change once all registrations have been received. Once your registration and payment have been received, you will be notified that you are registered.

Thank you for your interest in the 2015 Bev Leech Education Day. I look forward to meeting you in person on April 25th!

Sincerely, your Bev Leech Education Day organizer,

Brenda Lougheed, MSc. MD, FRCPC
Associate Clinical Professor
University of Saskatchewan
Department of Anesthesiology and Pain Medicine
Saskatoon, SK.
SESSIONS:

ALL PARTICIPANTS:

0700-0800 hrs  REGISTRATION
  -Please bring your confirmation of registration documents.
  -Registration package pickup including “passport” for Stream B participants for Royal College of Physicians and Surgeons’ participation record to be used to submit application of section 3 credits.

0800-0810 hrs  WELCOME REMARKS
  -Chairperson, Dr. Brenda Lougheed, welcome address and information on navigating the day.

0810-0900 hrs  PANEL DISCUSSION:
  PERIOPERATIVE RESUSCITATION ORDERS AND ADVANCED CARE DIRECTIVES (Moderator: Dr. Joann Kawchuk)
  -Dr. Jeffrey Betcher, MD FRCPC MA (Bioethics)
    Department Head and Medical Director, Critical Care Regina Qu’Appelle Health Region
  -Dr. Qaiser Fahim, MBBS MHSc (Bioethics)
    Bioethicist
    Saskatoon Health Region & Saskatchewan Cancer Agency
  -Dr. Brian Brownbridge, MD FRCPC
    Departments of Anesthesiology and Adult Critical Care
    Saskatoon Health Region

0900-0930 hrs  COFFEE BREAK

*0700-0900 hrs  Resident Research Poster Displays and Industry Sponsor Displays set up.

STREAM A:

0930-1600 hrs  ACLS WITH AN ANESTHESIA TWIST
  -There will be a 1 hr lunch break included in this all-day session.
  -Simulation-based scenarios are used to work through a variety of anesthesia-relevant ACLS situations.
INTRODUCTION TO THE ULTRASOUND MACHINE
-A brief review of the features of and ultrasound image with respect to presentation and depth. Participants will demonstrate the use of the GAIN, DEPTH, FOCUS, ZOOM, OPTIMIZE, MEASUREMENT and DOPLER function keys and will learn to use correct technique when using the ultrasound probe to perform an examination.
-This workshop gives participants and opportunity to “play” with the ultrasound machine and become more comfortable with its use.

ULTRASOUND-GUIDED REGIONAL TECHNIQUES
-Two ultrasound-guided techniques will be covered:
STATION 1: Transthoracic Paravertebral Block (TPVB)
STATION 2: Ultrasound-guided Transversus Abdominis Plane (TAP) Block
-At each station, a review of the pertinent anatomy and discussion of surface and anatomical landmarks will precede hands-on experience using ultrasound to identify the anatomical landmarks relevant for needle placement and local anesthetic injection.
-Live patients will allow participants to develop confidence using and optimizing the ultrasound image to achieve the view needed to successfully perform these blocks.
-Participants should have completed WS-1 or be comfortable using a variety of ultrasound probes and optimizing the ultrasound images they acquire.

ULTRASOUND-GUIDED LINE PLACEMENT
-Three stations will cover different aspects of central venous access:
STATION 1: Upper Arm Scanning (live patients)
STATION 2: Ultrasound-guided Venous Puncture (phantoms)
STATION 3: Neck and Subclavicular Scanning (live patients; sim-man)
-A combination of live models, phantoms and a CVL sim-man will be used to practice upper arm, neck, and upper thorax scanning using a linear ultrasound probe.
-Participants will review the venous anatomy necessary for performance of bedside PICC line and CVL insertion.
-Participants will develop confidence with the use of ultrasound to perform central venous access.
**WS-4 1.5 hrs**

**INTRODUCTION TO ULTRASOUND-GUIDED RESUSCITATION: PART 1**
- Participants will learn the technical and equipment requirements of resuscitative ultrasound, categorize undifferentiated shock using an algorithmic approach (obstructive, cardiogenic, hypovolemic, and distributive), and identify the causes of shock that can be evaluated with PoCUS during resuscitation (Pleural ultrasound, Focused Cardiac Ultrasound, and IVC assessment).
- Live models will be used for participants to practice the probe maneuvers associated with PoCUS during resuscitation.

**STATION 1:** Shock Algorithms

**STATION 2:** Ultrasound Practice/Consolidation

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**WS-5 0.5 hrs**

**INTRODUCTION TO ULTRASOUND-GUIDED RESUSCITATION: PART 2**
- PoCUS images demonstrating both normal and abnormal findings as related to ultrasound-guided resuscitation will be used to practice interpretation and diagnosis of pneumothorax, pericardial effusion, RV strain, LV failure, and IVC collapse (versus dilation).
- This acquired knowledge will be used to diagnose pathology using the Edus2 simulator.
- Participants will practice proper probe position and skill with ultrasonic image optimization.

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**WS-6 0.75 hrs**

**INTRODUCTION TO PERIOPERATIVE ECHO-CARDIOGRAPHY**
- This is a new, modern skill set – perioperative transthoracic echocardiography in anesthesia will be introduced.
- Basic probe movements and windows necessary for standardized, focused, transthoracic examination will be presented along with 2D echo, M-mode and color Doppler techniques.
- Ultrasound simulation will be utilized for demonstration purposes and anatomical correlates.
- Role of perioperative echo in clinical situations will be discussed.
- Session geared towards those with special interest in portable ultrasound cardiac scanning or those with existing skills in echocardiography.
PBLD-1  0.5 hrs  UNANTICIPATED DEATH IN THE OR: EFFECT ON THE TREATING PHYSICIAN
-A case will be presented and discussion will center on recognizing the physical and psychological impact that involvement in unanticipated death (UAD) has on anesthesiologists. Participants will discuss the common reactions and responses to the experience and the potential paths in the natural history of recovery from the event.
-Resources and interventions available to support anesthesiologists involved in an UAD will be discussed.

PBLD-2  0.5 hrs  CARDIAC ARREST DURING LAP. CHOLECYSTECTOMY
-A case will be presented and discussion will focus on the differential diagnoses for cardiac arrest during laparoscopic surgery. The appropriate management on CO2 gas embolism will be explained.

PBLD-3  0.5 hrs  RESUSCITATION OF THE PRONE PATIENT
-A case will be presented and discussion will include the use of cognitive aids in health care and other high-stakes industries and the use of emergency manuals to improve patient care.
-Risk factors for intra-operative cardiac arrest in prone position and suitable techniques for CPR when a prone patient arrests will be covered.

RES  1 hr  RESIDENT RESEARCH POSTER PRESENTATIONS
-Resident posters will be displayed following the panel discussion for informal viewing throughout the day.
-There will be residents present at their posters during the allotted time to briefly present their research and answer questions.

Refer to the schedule at the end of this document to get an idea of how these sessions will be structured when choosing your preferences. The schedule is just a rough guide and will change before the conference so you cannot choose times for your workshops. The structure will be changed to best accommodate numbers and interest levels—you will be assigned into the appropriate time slots once the final schedule is made.
REGISTRATION INFORMATION:

NAME: __________________________________________________________

MAILING ADDRESS: __________________________________________________________

________________________________________________________

________________________________________________________

EMAIL ADDRESS: __________________________________________________________

PHONE NUMBER: (home): _____________________________

(work): _____________________________

(cell): _____________________________

DESIGNATION (circle):

RESIDENT ANESTHESIA ASSISTANT GP ANESTHETIST ANESTHESIOLOGIST

OTHER _____________________________

LOCATION OF PRACTICE: __________________________________________________________

YEARS IN PRACTICE (circle): <5 yrs 5-10 yrs 10-15 yrs >15 yrs

EXPERIENCE LEVEL USING ULTRASOUND (circle):

NONE GENERAL IDEA USE INFREQUENTLY USE REGULARLY EXPERT
PLEASE INDICATE THE SESSIONS YOU WISH TO ATTEND IN ORDER OF PREFERENCE:

STREAM A:

________ ACLS  ACLS with an Anesthesia Twist

STREAM B:

________ WS-1  Introduction to the Ultrasound Machine

________ WS-2  Ultrasound-guided Regional Techniques

________ WS-3  Ultrasound-guided Line Placement

________ WS-4  Introduction to Ultrasound-guided Resuscitation Part 1

________ WS-5  Introduction to Ultrasound-guided Resuscitation Part 2

________ WS-6  Introduction to Perioperative Echocardiography

________ PBLD-1  UAD: Effect on the Treating Physician

________ PBLD-2  Cardiac Arrest During Laparoscopic Cholecystectomy

________ PBLD-3  Resuscitation of the Prone Patient

________ RES  Resident Research Poster Presentations

*Please indicate a numerical preference for ALL sessions. There is no guarantee that you will get your first choice as offerings will be made on a first-paid, first registered basis. There is one exception; for the ACLS stream, preference will be given to non-resident participants up until the registration deadline as we can accommodate a maximum of 35 participants in this session. If there are residents that cannot be accommodated, arrangements will be made for a separate resident session during a full-day educational session.
SATURDAY NIGHT DINNER WILL BE HELD AT A POPULAR NEW SASKATOON RESTAURANT.

TICKETS ARE $50 EACH

PLEASE INDICATE THE NUMBER OF DINNER TICKETS REQUIRED:

_______ X $50 = ________ (A)

(RESIDENTS WILL BE REIMBURSED FOR ONE OF THEIR TICKETS WHEN THEY PRODUCE PROOF OF ATTENDANCE AT THE DINNER EVENT)

TOTAL DUE TO CONFIRM REGISTRATION:

*Registration Fee + ________ (A) = ________ (B)

*Anesthesiologists $500, GP Anesthetists $500, Anesthesia Assistants and Nurses $250, Residents FREE

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PRIOR TO APRIL 3, 2015

PLEASE SUBMIT A CHEQUE FOR YOUR REGISTRATION FEE (AMOUNT B) PAYABLE TO:

*Receipts will be issued for the amount of your conference fees along with dinner tickets for income tax purposes

Saskatchewan Division of the CAS

THE COMPLETED REGISTRATION FORM CAN BE EMAILED TO:

BevLeech2015@gmail.com

OR CAN BE FAXED TO:

Bev Leech Education Day 2015 c/o Krys Schornagel
(306) 655-1279

OR CAN BE SENT WITH YOUR PAYMENT TO:

Bev Leech Educational Day c/o Krys Schornagel
Department of Anesthesiology, Perioperative Medicine and Pain Medicine
University of Saskatchewan
Royal University Hospital
103 Hospital Drive
S7N 0W8

your registration will be confirmed once payment is received at the above address-spots allocated on first-paid basis