GRACE Needs Assessment Trainer Survey

1. What is your position?  
   Mark the one best answer
   - Anesthesia attending physician
   - Anesthesia fellow physician
   - Other Specify: __________________________________________

2. When and how much time do you commit to teaching regional anesthesia and acute pain medicine for this project?
   
   When _________________________________________________________________________
   How much _____________________________________________________________________

3. Which regional anesthesia blocks has your training prepared you to comfortably teach?  
   Mark all that apply.
   - Intra- and peri-articular infiltration of local anesthetic
   - Airway regional and topical anesthesia (for awake endotracheal intubation)
   - Intravenous regional anesthesia (Bier block) for extremity surgery
   - Head (e.g. scalp, face, eye, ear, nose and oral)
   - Cervical plexus

   Truncal:
   - Intercostal
   - Paravertebral
   - Transversus abdominis plane
   - Ilioinguinal-hypogastric
   - Rectus sheath
   - Pectoralis
   - Serratus
   - Quadratus lumborum

   Upper extremity:
   - Brachial plexus:
     - Interscalene
     - Supraclavicular
     - Infraclavicular
     - Axillary
     - Suprascapular
     - Intercostobrachial
     - Elbow
     - Wrist
3. **CONTINUED**
Which regional anesthesia blocks has your training prepared you to comfortably teach?

*Mark all that apply*

Lower extremity:
- [ ] Sciatic:
  - Gluteal/subgluteal
  - Popliteal fossa
  - Femoral
  - Fascia iliaca
  - Obturator
  - Lateral femoral cutaneous
  - Adductor canal/saphenous
  - Ankle
  - Interspace between the popliteal artery and capsule of the knee (IPACK)
  - Lumbar plexus

Neuraxial:
- [ ] Spinal
- [ ] Epidural
- [ ] Combined spinal-epidural (CSE)
- [ ] Caudal
- [ ] Epidural blood patch

4. Has your training prepared you to comfortably teach single-shot blocks?  
   - [ ] No
   - [ ] Yes

5. Has your training prepared you to comfortably teach catheter-based blocks?  
   - [ ] No
   - [ ] Yes

6. Has your training prepared you to comfortably teach regional anesthesia blocks for:
   *Mark all that apply*
   - [ ] Postoperative pain control
   - [ ] Primary anesthetic for surgery
   - [ ] Labor analgesia

7. What nerve localization techniques has your training prepared you to comfortably teach?
   *Mark all that apply*
   - [ ] Ultrasound
   - [ ] Nerve stimulator
   - [ ] Paresthesia-seeking
   - [ ] Perivascular/transvascular
   - [ ] Surface anatomy-based
8. Has your training prepared you to comfortably teach considerations for:

Mark all that apply

☐ Management of acute surgical and non-surgical pain beyond the preoperative holding area, operating room, and post-anesthesia recover unit
☐ Use of systemic opioid and non-opioid pharmacotherapy
☐ Trauma patients
☐ Pediatric patients
☐ Obstetric patients
☐ Chronic pain management

9. What modalities do you feel comfortable using to teach?

Mark all that apply

☐ Didactic lectures
☐ Peer review case conferences
☐ Morbidity and mortality conferences
☐ Interdepartmental conferences
☐ Departmental grand rounds
☐ Model/simulation training
☐ Hands-on training during patient care

Independent study:

☐ Text books
☐ Peer-reviewed journals
☐ Computer/internet-based Specify
☐ Other Specify

10. What regional and acute pain medicine resources can you bring to the training site?

Mark all that apply

☐ Ultrasound machine Make and model

Ultrasound probes

☐ Linear
☐ Curvilinear
☐ Vascular/high frequency

☐ Ultrasound gel
☐ Ultrasound probe cover (sterile)
☐ Nerve stimulator (and electrode stickers) Make and model
☐ Topical disinfectant
10. **CONTINUED**

What regional and acute pain medicine resources can you bring to the training site?

*Mark all that apply*

**Needles**
- Hypodermic needles: Gauge(s), Length(s), Tip(s)
- Angiocatheters: Gauge(s), Length(s)
- Needles to draw medication into syringes
- Spinal needles: Gauge(s), Length(s), Tip(s) (e.g. pencil-point or cutting)
- Epidural needles: Gauge(s), Length(s), Tip(s) (e.g. Tuohy)
- Peripheral nerve block needles: Gauge(s), Length(s)

- Indwelling catheters for neuraxial and peripheral nerve blocks
- Syringes to hold and deliver medications
- Extension tubing
- Normal saline/sterile water for drug dilution

**Indwelling catheter securement/dressing supplies**
- Tape
- Occlusive dressing
- Suture
- Antibiotic patches
- Gauze/sponges
- Other **Specify**

- Marking pen
- Ruler

**Monitors**
- Electrocardiograph
- Non-invasive blood pressure monitor
- Pulse oximeter
- Capnograph

**Sedatives**
- Benzodiazepines
- Opioids
- Propofol
- Ketamine
- Other **Specify**

**Local anesthetic**
- **Bupivacaine**
  - Concentration(s)
  - Baricity
- **Ropivacaine**
  - Concentration(s)
  - Baricity
10. **CONTINUED**
What regional and acute pain medicine resources can you bring to the training site?

*Mark all that apply*

**Local anesthetic**
- [ ] Lidocaine  Concentration(s) ______________  Baricity ______________
- [ ] Mepivacaine  Concentration(s) ______________  Baricity ______________
- [ ] Chlorprocaine  Concentration(s) ______________  Baricity ______________
- [ ] Other [Specify Medication(s), Concentration(s) and Baricity]

**Adjunctive block medications**
- [ ] Epinephrine
- [ ] Dexamethasone
- [ ] Clonidine
- [ ] Bicarbonate
- [ ] Opioids *(Specify)*
- [ ] Other *(Specify)*

**Resuscitation equipment**
- [ ] Oxygen supply
- [ ] Nasal cannula
- [ ] Nasal/oral airways
- [ ] Oxygen mask
- [ ] Resuscitators (bag-mask ventilation device)
- [ ] Laryngeal mask airways
- [ ] Endotracheal tubes
- [ ] Laryngoscopes/blades
- [ ] Video laryngoscopes
- [ ] Suction
- [ ] Defibrillator
- [ ] Intravenous cannulas

**Resuscitation drugs**
- [ ] Intralipid®
- [ ] Atropine
- [ ] Epinephrine
- [ ] Succinylcholine
- [ ] Ephedrine
- [ ] Phenylephrine
- [ ] Glycopyrrolate
11. What improvements can be made to this survey?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

Thank you for completing this survey!
Your responses are important for us all.

Place your completed survey in the envelope and return to the GRACE investigator.