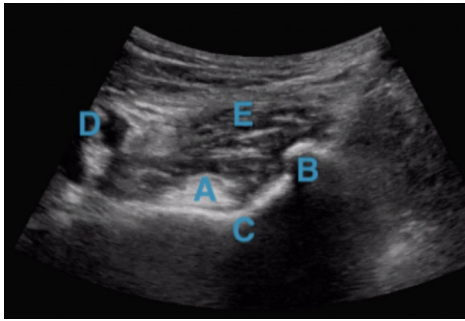


Supplementary Material 2. Pericapsular nerve group (PENG) block knowledge assessment



1. Match the following anatomical landmarks on the figure with the appropriate letter (each one point)
 - 1) Iliopsoas muscle
 - 2) Psoas minor tendon
 - 3) IPE (iliopubic eminence)
 - 4) Femoral neurovascular bundle
 - 5) AIIS (anterior inferior iliac spine)

2. Which of the following is true about the PENG block?
 - 1) Provides a sensory only blockade
 - 2) Described in 2018
 - 3) Deposits anesthetic superior to the iliopubic eminence
 - 4) Both A and C
 - 5) All of the above

3. What complications do patients with hip fractures face?
 - 1) Untreated pain
 - 2) Pneumonia
 - 3) Delirium
 - 4) All of the above
 - 5) None of the above

4. Which part of the hip joint provides the most sensory information to the brain (i.e., pain)?
 - 1) Anterior
 - 2) Posterior
 - 3) Medial
 - 4) Lateral

5. Which of the following nerves provide the majority of pain sensation from the hip joint?
 - 1) Sciatica nerve
 - 2) Femoral nerve
 - 3) Obturator nerve
 - 4) All of the above
 - 5) B and C only

6. What landmark should you palpate to help aid image acquisition?
 - 1) Anterior superior iliac spine
 - 2) Anterior inferior iliac spine
 - 3) Pubic symphysis
 - 4) Greater trochanter

7. What indicates a successful PENG block?
 - 1) Lateral displacement of psoas tendon on the ultrasound screen
 - 2) Medial displacement of psoas tendon on the ultrasound screen
 - 3) Anterior/superior displacement of psoas tendon on the ultrasound screen

8. Where is intralipid located in the ED (emergency department)?
 - 1) Resus bay Pyxis
 - 2) Pharmacy
 - 3) Above the lidocaine inside medication room
 - 4) North side of ED

9. What are the first signs and symptoms of LAST (local anesthetic systemic toxicity)?
 - 1) Tongue/lip paresthesias
 - 2) Tinnitus
 - 3) Coma
 - 4) Only A and B
 - 5) All of the above

10. What are contraindications to the PENG block?
 - 1) Patient refusal
 - 2) Allergy to anesthetic
 - 3) Infection over injection site
 - 4) Multi-system trauma
 - 5) All of the above