

# PSAP-VII • CRITICAL AND URGENT CARE

## MODULE I LEARNING OBJECTIVES

### OBSTETRIC EMERGENCIES IN THE ICU

1. Discover how maternal adaptations to pregnancy can alter the medical management of a pregnant patient who has sustained a traumatic injury.
2. Devise a treatment strategy for a woman who is experiencing a massive postpartum hemorrhage.
3. Demonstrate an understanding of the manifestations of severe preeclampsia and their treatment.
4. Distinguish between antihypertensive drugs used to treat hypertensive emergencies in the pregnant population.
5. Analyze cardiovascular agents for their safety in pregnancy and lactation.
6. Assess the differences between acute fatty liver of pregnancy and other similar disorders.
7. Evaluate the multitude of primary symptoms that can occur with an amniotic fluid embolism.

### ICU CONSIDERATIONS AFTER LIVER TRANSPLANT

1. Assess the preoperative donor- and recipient-specific risk factors that may influence the outcomes of the transplanted graft.
2. Demonstrate an understanding of common intensive care unit complications that occur after liver transplants and develop strategies to prevent or treat them.
3. Assess the role of induction therapy in the prevention of allograft rejection after liver transplant.
4. Evaluate maintenance immunosuppressive drug regimens after liver transplant to improve efficacy and tolerability for the individual patient.
5. Develop a therapeutic plan to modify the immunosuppressive drug regimen as needed in patients experiencing perioperative complications.

### MANAGING CARDIOVASCULAR SURGERY INTENSIVE CARE UNIT PATIENTS

1. Devise treatment plans for managing postoperative bleeding and coagulopathies after cardiac surgery.
2. Design a treatment plan for managing right and left heart failure.
3. Design prophylaxis and treatment plans for postoperative atrial fibrillation including treatment options and anticoagulation.
4. Justify the need for stress ulcer prophylaxis in patients after cardiac surgery and choice of the treatment options available.
5. Develop a protocol for post-valvular surgery anticoagulation to reduce care variability.
6. Justify the importance of the Surgical Care Improvement Project and compose a plan to incorporate these measures into the care of a cardiac surgery patient.