**General Surgery& Anesthesiology and Radiology (SAR. 423)**

**Overall aims of the Course:**

Define, the classification and handling of general vet. Surgery items such as: sepsis and antisepsis, sutures and suturing techniques, and hemorrhage and hemostasis, inflammation, cellulitis, phlegmone, abscess, sinus, fistula and ulcer, necrosis and gangrene, Wounds, fractures, arthritis, bursitis, tendinitis and skin affections, muscle and nerve affections.

Define, the classification and handling of pre-anesthetic medications, analgesia-pain control, injectable anesthesia, inhalation anesthesia, resuscitation & different regimens of anesthesia, X-ray production and interpretations and ultrasound physics and interpretations.

**Course contents:**

* Sepsis and antisepsis
* Sutures and suturing techniques
* Inflammation, cellulitis and phlegmone
* Abscess, sinus, fistula and ulcer.
* Necrosis and gangrene
* Wounds
* Hemorrhage and hemostasis
* Bursa affections
* Fractures
* Joint affections
* Tendons and ligament affections
* Skin affections.
* Muscle affections.
* Introduction to anesthesia
* Pre-anesthetic medication
* Analgesia -pain control
* Injectable anesthesia
* Inhalation anesthesia
* Resuscitation and different regimes of anesthesia
* x-ray production
* x-ray interpretations
* Ultrasound physics and interpretations