

Uppsala 23.05.2023

Part 1: Start question: Hemoglobin dissociation curve + factors that shift it to the right and their meaning

LV pressure volume loop, how does it change with aortic stenosis

Central venous catheter anatomy

Renal function tests

Pituitary hormones – anterior and posterior

Pituitary adenoma symptoms

Part 2: Start question: Plasma concentration after bolus vs iv infusion, half life, rate of elimination, volume of distribution

Clonidine vs Dexmedetomidine

Flow measurement

Types of anticoagulants

Anticoagulant effect testing

Compare two induction drugs of choice

Part 3: Case: 4 year old Tet for dental extraction with difficult venous access – explain choice of induction and possible problems

Critical incident: LAST after epidural

Possibilities for CSF drainage by anaesthesia or surgery indications, how do you go about placing a spinal drain?

Remifentanyl in obstetrics – indications, safety aspects

Part 4: Case: PACU left colectomy for perforated diverticulitis, now low urine output discuss differential, tests, RRT

Anaesthesia for mitral stenosis

ABG of woman on oral antidiabetic profoundly unwell in A&E - extreme metabolic acidosis, hyperkalaemia, hypoglycaemia

Malignant neuroleptic syndrome

US of common peroneal and tibialis as they come out of sciatic