

Course Overview

Anesthesia II

Course code :	AMT 405
Course title:	Anesthesia II
Level/semester:	Forth Semester
Preceding Courses & Main Subjects	- Anesthesia I
Credit hours: 4	Theoretical: 3
	Practical: 2

Intravenous anesthetic agents

- Classification of IV anaesthetics
 - o A) Barbiturates: (Thiopentone sodium)
 - o B) Non-barbiturates: (Propofol, etomidate, ketamine)
 - o C) Opioids & benzodiazepines
- Doses
- Indications
- Side effects
- Contraindications

Neuromuscular blockade (muscle relaxants)

- Types
 - o Central and peripheral
- Uses
- Physiology of neuromuscular transmission

- Classification
- Site & mechanism of action of muscle relaxants
- Side effects
- Indications
- Contraindications
- Factors affecting duration of action of muscle relaxants
- Metabolism & reversal of muscle relaxants (anticholinesterases)