

School Name: School of Health Sciences
Course Title: Electrotherapy II
Year: 2nd

Program Name: BPT
Course Code: BPT-203

- Describe Ultraviolet rays with its dosimetry, source of generation, physiological and therapeutic effects, indication and contraindication , depth of penetration, operational skill and patient preparation.
- Describe Ultraviolet rays with its dosimetry, source of generation, physiological and therapeutic effects, indication and contraindication , depth of penetration, operational skill and patient preparation.
- Describe the purpose of SD Curve with its graph representation.
- Describe TENS, its frequency, intensity respective physiological and therapeutic effect and indication-contraindication.
- Describe Shortwave diathermy with its production, biophysical and therapeutic effect, its indication and contraindication, operation skill, patient preparation, parameters and dosimetry.
- Describe the instrumentation and basic techniques of E.M.G and NCV.
- Explain Faradic foot bath.
- Describe in detail Cryotherapy.
- Describe the principle of Ultrasound with its indication, contraindication, operation skill, patient preparation and dosimetry.
- Explain Faradic current under pressure.
- Describe TENS, its frequency, intensity respective physiological and therapeutic effect and indication-contraindication.

- Describe principle of Iontophoresis with its different ions and their physiological and therapeutic effect, indication contraindication, precaution, application and patient preparation.
- Explain Bio-feedback principle, therapeutic effects, instrumentation, indication and contra-indication, operation Skill and patient preparation.
- Describe pain gait theory.
- Describe in detail Cryotherapy.
- Explain electrical muscle stimulator and make the diagram of motor point in face muscle.