

Rajashi Shahu College of Pharmacy Buldana.

**“MEDICAL EMERGENCIES & ITS PRIMARY
MANAGEMENT”**

Department –Pharmacology (2019-2020)

Duration: 30 Hours

Scope:

This course deals with the most common Medical emergencies and how to recognize them

Objectives:

Upon completion of the course student shall be able to deal with -

- Aware about most common emergencies
- Early identification of Medical emergencies
- How to approach medical complaints with an emphasis on patients with possible cardiovascular emergencies, respiratory emergencies, neurological emergencies, hematologic emergencies, gastrointestinal emergencies,
- Should able to differentiate treatment for various medical complaints.

Course Contents:

UNIT-I

6 Hrs

Cardiovascular Emergencies

- Basic anatomy & physiology of cardiovascular system.
- Definition, symptoms, assessment & primary management of -
 - Heart attack
 - Cardiac arrest
 - Chest Pain
 - Heart failure
 - Cardiac arrhythmia

UNIT-II

6 Hrs

Respiratory Emergencies

- Basic anatomy & physiology of respiratory system.
- Definition, symptoms, assessment & primary management of -
 - Chronic Obstructive Pulmonary Disease
 - Bronchial Asthma
 - Pneumonia
 - Pulmonary embolus
 - Acute respiratory distress syndrome (ARDS)

UNIT-III

6 Hrs

Neurological Emergencies

- Basic anatomy & physiology of nervous system.
- Definition, symptoms, assessment & primary management of -
 - Coma

- Meningitis
- Thrombophlebitis
- Head Injury
- Brain stroke

UNIT-IV

6 Hrs

Haematological Emergencies

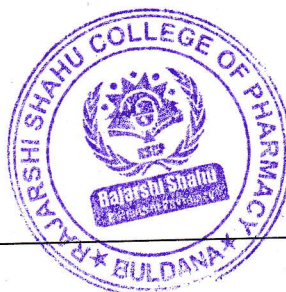
- Basic anatomy & physiology of circulatory system.
- Definition, symptoms, assessment & primary management of -
 - Autoimmune Haemolytic Anemia Induced by Drugs
 - Thrombotic thrombocytopenic purpura (Moschowitz Disease)
 - Sickle cell crisis
 - haemorrhage
 - Haematological malignancies

UNIT-V

6 Hrs

Gastrointestinal Emergencies

- Basic anatomy & physiology of gastrointestinal system.
- Definition, symptoms, assessment & primary management of -
 - Basic anatomy & physiology of gastrointestinal system
 - Abdominal abcess
 - Appendicitis
 - Intestinal obstruction
 - Acute mesenteric ischemia
 - GERD & ulcers



[Signature]
Principal
Rajarshi Shahu College of Pharmacy,
Malvihir, Buldana.