



OFFICE OF THE PRINCIPAL & DEAN
SUBHARTI MEDICAL COLLEGE
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

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DEPARTMENT OF PATHOLOGY

Date: 3-1-17

Lesson Plan

Name of Faculty: DR. Ravi Bansal No. of students: 71
 Topic: Inflammation - Adhesion molecules and Phagocytosis Course: MBBS
 Type of activity: Didact Time Duration: 60 min
 Material & Methods used: PPT and Board

Recap of Previous session/s: Time Allotted: 2 min

Revision of important points of cellular event by asking questions & clearing their doubts

Time Allotted: 5 min

1. Historical aspect of phagocytosis
 2. Importance of Adhesion molecules & phagocytosis

Time Allotted: 5 min

- Specific Learning Objectives: (Must Know) in Inflammation
 1. Classification of Adhesion molecules - Their source and importance
 2. Sequential changes in phagocytosis

Content of Lesson:

Time Allotted: 30 Min

1. Interaction of various adhesion molecules and to emphasize their role in vascular and cellular event of inflammation
 2. opsonin's their role in step of recognition
 3. Steps of Attachment and formation of Phagosome. 4. Killing & degradation
 Scope of this topic (May and Can Know):

Time Allotted: 5 Min

1. Frustrated phagocytosis
 2. Functional and structural abnormalities leading in defective phagocytosis
 Summary: example - Diabetes

Time Allotted: 2 Min

Revision of topic by asking questions and writing important

Feedback/ Buzz/ Assessment: points on board. Time Allotted: 2 min

Feedback with help of questions.

Next Activity: Time Allotted: 1 min

chemical mediators.

Signature of Faculty

Ravi Bansal

Signature of HoD

Ravi Bansal

Carrion





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DEPARTMENT OF PATHOLOGY

Date: 6-1-18

Lesson Plan

Name of Faculty: DR. RANI BANERJEE

No. of students: 71

Topic: Chemical mediators

Course: MBBS

Type of activity: Didactic Lecture

Time Duration: 60 min

Material & Methods used: PPT and board

Recap of Previous session/s:

Time Allotted: 2 Min

Students will be asked to write on board important points of previous topic

Set Induction:

Time Allotted: 3 Min

- 1. Historical aspect of chemical mediators
- 2. Triple reaction experiment
- 3. H Factor 4. Importance of mediators

Specific Learning Objectives: (Must Know)

Time Allotted: 5 Min

- 1. Classification of Chemical mediators
- 2. Clinical and Therapeutic importance
- 3. Correlating role of chemical mediators with cardinal signs of inflammation

Content of Lesson:

Time Allotted: 30 min

- 1. Cell derived and plasma derived chemical mediators
- 2. Vasoactive amines, arachidonic acid metabolites
- 3. Kinin, clotting and complement system - emphasis on central role of Hageman factor

Scope of this topic (May and Can Know):

Time Allotted: 5 min

check and balance phenomenon of chemical mediators eg Lipoxin

Summary:

Time Allotted: 3 Min

Important points will be summarised with help of flow chart

Feedback/ Buzz/ Assessment:

Time Allotted: 2 Min

Buzz end and Ask question

Next Activity:

Time Allotted: 1 Min

outcome of acute inflammation
various morphological pattern of inflammation

Signature of Faculty

Rani Banerjee

Signature of HoD

Corison

Corison



