

2017/18 Batch
Therapeutics in Pharmacology SGD

Date
28.10.2022 (Friday)

Time
1.30 p.m. – 2.30 p.m.

Groups

Venue

Lecturer

All

West Lecture Theatre

Dr. Sampath Gnanarathne

Therapeutics in Pharmacology – SGD (17/18 Batch)

Dr. Sampath Gnanarathne

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Question 1

A 36-year-old lady presents in her first pregnancy with 32 weeks of gestation. She complains of frontal headache, blurring of vision and epigastric discomfort. On examination she has generalized edema with persistently elevated blood pressure (last reading 170/ 110mmHg). Her tendon reflexes are exaggerated bilaterally with ankle clonus of 4+.

A diagnosis of severe preeclampsia is made.

1. How do you give magnesium sulphate for this patient ?
2. Name two antihypertensive medications available for intravenous use for this patient
3. Mention four antihypertensive drugs which can be used safely in pregnancy and explain their mechanism of action.
4. Name two categories of commonly used antihypertensive drugs that are contraindicated in pregnancy.

Question 2

A 36-year-old patient with type 1 diabetes for 10 years presented with 6 weeks of gestation. She is on isophane/regular insulin (70/30) 20 units mane and 12 units vespar, losartan 25 mg nocte and atorvastatin 10 mg nocte.

1. How do you modify her current medications to suit the pregnancy?
2. Name two oral hypoglycemic agents, which can be used safely in pregnancy.
3. What are the types of insulin commonly prescribe for pregnant mothers?