

**Batch 18/19**  
**Pharmacology Tutorial – Locomotion**

**Date**  
**02.11.2022 (Wednesday)**

**Time**  
**01.30 p.m. – 03.30 p.m.**

<b><u>Groups</u></b>	<b><u>Venue</u></b>	<b><u>Lecturer</u></b>
<b>M/18/054 – M/18/105</b>	<b>Pharmacology Auditorium</b>	<b>Dr. UD</b>
<b>M/18/106 – M/18/158</b>	<b>Psychiatry Tute Room 1</b>	<b>Dr. SF</b>
<b>M/18/160 – M/18/205</b> <b>M/17/018, M/16/FQ/003</b> <b>M/18/FQ/001, M/18/FQ/002</b> <b>M/18/FQ/003, M/16/083</b>	<b>Psychiatry Tute Room 2</b>	<b>Dr. TS</b>
<b>M/18/001 – M/18/053</b>	<b>Physiology Lab 2</b>	<b>Dr. YI</b>

**2018/19 Batch**  
**Pharmacology Tutorial- Locomotion**  
**Metabolic Bone Disease and Joint Disease**  
**02.11.2022 (Wednesday) 1.30 p.m. to 3.30 p.m.**

1. A 65-year old woman presents with low back pain for three months. She had menopause at the age of 52 years. She has no other long term health problems. Plain X-ray of lumbar spine showed wedge compression fracture of L1 vertebra. Bone mineral density measurement confirms osteoporosis of the lumbar spine.

Discuss the drug treatment of this patient.

2. A 30-year old woman presents with pain and swelling of small joints of both hands, wrist and ankle joints for three months. She has morning stiffness of joints lasting about 2 hours. The blood test for rheumatoid factor is positive.

Discuss the drug treatment of this patient.

Suggested reading

1. Black DM, Rosen CJ, Clinical Practice. Postmenopausal Osteoporosis. N Engl J Med. 2016 Jan 21;374(3):254-62
2. Pharmacological Management of Osteoporosis in Postmenopausal Women: An Endocrine Society Clinical Practice Guideline J ClinEndocrinolMetab, May 2019, 104(5):1595–1622