

Musculoskeletal Module
First Professional Year MBBS
8 Weeks



Introduction to Module

GENERAL LEARNING OUTCOMES

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Musculoskeletal MODULE

THEME -I

ORIENTATION AND SHOULDER PAIN

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Topic

Learning Outcomes

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**Musculoskeletal
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THEME -II

**Weak grip and painful
hand**

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Musculoskeletal MODULE

THEME -III

Pain lower limb/limping

SNO	Topic	Learning Outcome
1	Introduction to lower limb	<p>Recognize different parts of lower limb.</p> <p>Describe regions of lower limb.</p> <p>List the bones of lower limb.</p> <p>Describe the vessels and nerves of lower limb.</p> <p>Identify different land marks in different regions of lower limb</p>
2	Hip bone	<p>Identify the different parts of the bone.</p> <p>Describe side determination.</p> <p>Describe muscle attachments.</p> <p>Describe ligamentous attachments.</p> <p>Describe the different bones articulating with the hip bone</p> <p>Identify the different parts of the bone.</p> <p>Describe the common fractures of the bone.</p> <p>Identify and describe the salient features of the bones of hip bone</p> <p>Identify the attachments of hip bone</p> <p>Describe the surface anatomy of hip bone</p> <p>Describe the radiological anatomy of hip bone</p> <p>Describe the applied anatomy of hip bone.</p>
3	The hip joint and movements	<p>Describe the characteristics features of synovial joint</p> <p>Describe the Articular surfaces of hip joint</p> <p>Identify the capsule of hip joint</p> <p>Describe the synovial membrane, cavity & fluid of hip joint</p> <p>Enumerate the ligaments of hip joint & describe their attachments</p> <p>Describe the movements possible at hip joint</p>

		<p>Describe the clinical correlates of the hip joint</p> <p>Describe surface and radiological anatomy (X-rays and MRI) and clinical of hip joints</p>
4	Gluteal region	<p>Describe the boundaries of gluteal region</p> <p>Describe bones and ligaments of gluteal region</p> <p>Describe the different structures entering and leaving gluteal region</p> <p>Describe muscles of the gluteal region.</p> <p>Describe Vessels of the gluteal region.</p> <p>Describe nerves of the gluteal region.</p> <p>Describe about certain clinical correlates regarding gluteal region</p> <p>Describe Surface anatomy of important muscles</p> <p>Identify structures on transverse MRI of gluteal region taken at various levels</p> <p>Describe clinical anatomy of important muscles</p>
5	Femur	<p>Identify different parts of the femur</p> <p>Determine the side of the bone</p> <p>Identify the surfaces and borders of the bone</p> <p>Describe the common fractures of the bone.</p> <p>Describe the attachments of the different muscles and ligaments on the bone</p> <p>Describe the arterial supply of the bone</p> <p>Relate to the general idea about fractures of femur and other clinical conditions Identify and describe the salient features of the bones of hip bone</p>

		<p>Describe the surface anatomy of femur</p> <p>Describe the radiological anatomy of femur</p> <p>Describe the applied anatomy of femur</p>
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