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POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (ORTHOPAEDIC SURGERY) EXAMINATION - FEBRUARY 2015

Date :- 23rd February 2015

Time :- 2.00 p.m. – 4.00 p.m.

PAPER I

Answer **all four (04)** questions.

Answer each question in a separate book.

1. Discuss patient safety in the orthopaedic operating theatre.

2. Discuss principles of management of leg length discrepancies in children.

3. A 26 year old male treated 6 months previously with a locked intramedullary nail, for a closed transverse fracture of his distal one third tibia, is reviewed in the clinic. He presents with a gap non union.

Describe your further management of this patient with reference to the underlying principles of fracture healing.

4. A 59 year old female presents with ulnar nerve symptoms with no history of trauma.
 - 4.1. Describe the possible causes.
 - 4.2. Discuss investigations and treatment of this patient.

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MD (ORTHOPAEDIC SURGERY) EXAMINATION - FEBRUARY 2015

Date :- 24th February 2015

Time :- 9.30 a.m. – 11.30 a.m.

PAPER II

Answer **all four (04)** questions.

Answer each question in a separate book.

1. A 30 year old motor cyclist is admitted to emergency with a closed right distal radius fracture.
 - 1.1. Discuss the indications for surgical treatment.
 - 1.2. Discuss the surgical treatment options available.

2. A 10 year old boy is admitted to emergency with a closed lateral condyle fracture of right humerus.
 - 2.1. Briefly discuss the types of lateral condyle fractures and imaging methods used for assessment.
 - 2.2. Discuss indications and methods of non operative and operative treatment.
 - 2.3. Enumerate possible complications associated with this fracture.

3. A 72 year old female underwent left total hip arthroplasty 7 years ago. She now presents with a periprosthetic fracture of the left femur.
 - 3.1. What are the risk factors for periprosthetic fractures?
 - 3.2. Discuss the management of this patient.

4. A 45 year old lady presents after a fracture of the lower one third of her right humerus with a radial nerve palsy.

Discuss the principles of immediate and late management of the nerve injury.