

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 23-Aug-2024

Time: 3 Hours**Max. Marks: 100**

LIMB LENGTHENING DEFORMITY CORRECTION AND RECONSTRUCTIVE SURGERY - PAPER – II

QP Code: 4382

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions**10 X 10 = 100 Marks**

1. Describe principles of Ilizarov's ring fixator and write in detail the biomechanics of wire
2. Tibia pseudoarthrosis, classification, clinical features and management of tibia pseudoarthrosis in 10 year old boy
3. Indications of ring fixation in acute fractures
4. Define non union, causes, classification and management of non union of humerus with implant failure in 25 year old male
5. High tibial osteotomy (HTO), indications, advantages and disadvantages of medial versus lateral HTO
6. Free tissue transfer flap
7. Complications of ring fixator
8. Indications of vacuum assisted closure (VAC) and pathophysiology and technique of VAC
9. Arthrodiastasis
10. Limb length discrepancy, causes and method of prediction of growth in lower limb

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