

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0124]

JANUARY 2024

Sub. Code :1513

D.M. – INTERVENTIONAL RADIOLOGY

PAPER – III – NON VASCULAR AND FETAL INTERVENTIONAL RADIOLOGY

Q.P. Code: 161513

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Evaluation and management of painless jaundice in an elderly patient.
2. Management of Osteoid osteoma.

II. Write notes on: **(10 x 7 = 70)**

1. Percutaneous gastrostomy.
2. Emphysematous Pyelonephritis.
3. Complications related to biopsy of a lung lesion – prevention and management.
4. Lung Sequestration.
5. Low lying Placenta – Imaging and intrapartum management.
6. Intrauterine Fetal Blood Transfusion.
7. Lumbar sympathectomy.
8. Percutaneous Nephrostomy – Technique and how to avoid complications.
9. Bone biopsy.
10. Vertebroplasty.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0225]

FEBRUARY 2025

Sub. Code :1513

D.M. – INTERVENTIONAL RADIOLOGY

PAPER III – NON VASCULAR AND FETAL INTERVENTIONAL RADIOLOGY

Q.P. Code: 161513

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 10 weeks pregnant antenatal mother with history of fetal anomalies in previous pregnancy. How will you counsel her regarding invasive testing? Describe technique and steps for any two of the options available to her.
2. Percutaneous gastrostomy – Indications, pre procedure evaluation, technique and methods to minimize complications.

II. Write notes on:

(10 x 7 = 70)

1. Discuss ways to minimize radiation to a 16 weeks pregnant woman undergoing CT guided lung biopsy.
2. Elaborate on the methods to reduce and manage Post biopsy pneumothorax.
3. Twin Twin transfusion syndrome. Discuss management by Intervention Radiologist.
4. Indications, techniques and methods of Breast biopsy.
5. 45-year male patient with urinary fistula referred for urinary diversion. How will you evaluate and manage the patient?
6. Discuss technique, catheter care and complications of percutaneous cholecystostomy.
7. Imaging and intervention in facetar arthropathy.
8. List the percutaneous ablation methods available. Discuss the rationale of treatment of any two methods.
9. Compare pedal versus nodal lymphangiography.
10. Briefly describe technique, post-operative care and complications of Nucleoplasty.
