

NEPHROLOGY

POST GRADUATE DEGREE STANDARD

1. STRUCTURE OF KIDNEY:

Anatomy of human kidney

2. OUTLINE OF KIDNEY PHYSIOLOGY

Renal circulation

Glomerular Filtration

Tubular reabsorption

Tubular Secretion

Mechanism of urinary concentration.

3. WATER AND ELECTROLYTE BALANCES:

Role of Kidney in water and electrolyte balances

Acid base disturbance and the kidney.

4. RENAL FUNCTION TESTS:

Tests for renal function

5. RENAL RADIOGRAPHY

X-rays, Imaging Techniques, Scans.

6. SYMPTOMATOLOGY OF RENAL DISORDERS:

7. TECHNIQUES OF EXAMINATION IN NEPHROLOGY:

8. TROPICAL NEPHROLOGY

9. Dialytic Methods of Treatment:

Principles and mechanisms (i) Haemodialysis (ii) Peritoneal dialysis

10. ACUTE NEPHRITIC SYNDROME

11. NEPHROTIC SYNDROME

12. CHRONIC GLOMERULONEPHRITIS:

13. ACUTE RENAL FAILURE:

14. CHRONIC RENAL FAILURE

15. URINARY TRACT INFECTION

16. HYPERTENSION AND KIDNEY

17. SYSTEMIC DISEASES AND KIDNEY

18. DIABETES AND KIDNEY

19. KIDNEY AND STONE DISEASES

20. OBSTRUCTIVE NEPHROPATHY

21. RENAL TUBULAR DISORDERS

22. THE KIDNEY IN PREGNANCY

23. INHERITED DISORDERS OF KIDNEY

24. TUMOURS OF THE KIDNEY AND KIDNEY COMPLICATIONS ASSOCIATED WITH OTHER MALIGNANCIES.

25. DRUGS AND KIDNEY

26. TRANSPLANTATION OF THE KIDNEY

27. DIETS IN KIDNEY DISEASES

28. RECENT ADVANCES IN NEPHROLOGY

29. PRACTICAL PROCEDURES IN THE DIAGNOSIS AND THE MANAGEMENT