



THE UNIVERSITY *of* TEXAS
HEALTH SCIENCE CENTER AT HOUSTON

READING LIST

RENAL FELLOWSHIP

University of Texas – Houston Medical School
Division of Renal Diseases and Hypertension

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OUTLINE

I. CONSULTATIVE NEPHROLOGY – HERMANN and LBJ HOSPITALS

1. Acute renal failure
2. Acute glomerulonephritis
3. Nephrotic syndrome
4. Hypertension
5. Secondary Hypertension
6. Systemic Diseases Affecting the Kidney
7. Hemodialysis
8. Peritoneal Dialysis
9. Renal Biopsy
10. CRRT
11. Critical Care Nephrology
12. Tubulointerstitial Diseases
13. Diseases in Pregnancy
14. Progression in Renal Disease
15. Dietary Therapy in Renal Disease
16. Acid-base
17. Electrolyte disorders
18. Disturbances in Water Metabolism
19. Urinary Tract Infection
20. Congenital/Hereditary Diseases
21. Renal Malignancy
22. Measurement of Renal Function
23. Drug Prescribing in Renal Diseases
24. Poisonings and Intoxications
25. Urobathiesis
26. Proteinuria
27. Hematuria
28. Urinalysis
29. Vascular Diseases of the Kidney
30. Biocompatibility

II. CONSULTATIVE NEPHROLOGY – MD ANDERSON

In addition to the above:

1. Paraneoplastic glomerulopathy
2. Acute renal failure in bone marrow transplantation
3. Renal effects of chemotherapy
4. Renal cell carcinoma
5. Tumor lysis syndrome

III. INPATIENT NEPHROLOGY UNIT

1. Hemodialysis
2. Peritoneal Dialysis
3. Vascular Access
4. Renal Osteodystrophy
5. Anemia and erythropoietin
6. Cardiac disease in CRF
7. Neurologic disease in CRF
8. Dialysis amyloidosis
9. Coagulopathy in ESRD
10. Hypertension in ESRD
11. Dietary therapy in ESRD

IV. TRANSPLANTATION

1. Evaluation of the pre-transplant patient
2. Evaluation of the pre-transplant donor
3. Immunosuppressant medications
4. Infections in transplant patients
5. Treatment of rejection (acute)
6. Chronic rejection
7. Recurrence of disease in transplantation

V. OUTPATIENT DIALYSIS

1. Adequacy of dialysis
2. Vascular access
3. Renal osteodystrophy
4. Anemia and erythropoietin
5. Neurological disease in ESRD
6. Cardiac disease in ESRD
7. Coagulopathy in ESRD
8. Acquired cystic disease of the kidneys
9. Dialysis amyloidosis
10. Reuse in dialysis
11. Hepatitis C in dialysis
12. Heparin-induced thrombocytopenia in dialysis
13. Hemodialysis
14. Peritoneal Dialysis
15. Dietary therapy in ESRD
16. Biocompatibility

VI. MEDICAL ETHICS / PSYCHOSOCIAL QUALITY ASSURANCE

1. Epidemiology of ESRD
2. Water Treatment Systems
3. Adequacy of Dialysis
4. Risk Management (separate reading list)
5. Ethics (separate reading list)
6. Reuse in dialysis

VII. CLINICAL EPIDEMIOLOGY

Separate syllabus

OUTLINE

A. CONSULTATION AT HERMANN AND LBJ HOSPITALS AND OUTPATIENT RENAL CLINIC

Specific Topics

1. Systemic diseases affecting the kidneys
2. Acute renal failure
3. Acute glomerulonephritis
4. Acid-base disorders
5. Chronic glomerulonephritis
6. Electrolyte disorders
7. Fluid management/edema states
8. Hypertension
9. Tubulointerstitial diseases

Miscellaneous Topics

1. Biocompatibility
2. Continuous renal replacement therapy (CRRT)
3. Critical care nephrology
4. Cystic diseases/congenital disorders
5. Hematuria
6. Hemodialysis
7. Obstructive nephropathy
8. Poisonings/drug prescribing in renal disease
9. Plasmapheresis
10. Polyuria
11. Pregnancy and the kidneys
12. Renal biopsy
13. Renal vascular disease
14. Urinalysis/proteinuria
15. Urolithiasis
16. NSAIDS and the Kidney

B. CONSULTATIVE NEPHROLOGY AT M.D.A.C.C.

In addition to the above:

1. Paraneoplastic glomerulopathies
2. Renal syndromes in bone marrow transplantation
3. Renal effects of chemotherapy
4. Radiation nephritis

5. Renal cell carcinoma
6. Tumor lysis syndrome
7. Myeloma kidney/light chain nephropathy

C. INPATIENT NEPHROLOGY UNIT/OUTPATIENT DIALYSIS

1. Adequacy of dialysis
2. Anemia of renal failure/erythropoietin
3. Biocompatibility/reuse
4. Cardiac disease in ESRD
5. Dietary management in renal diseases
6. Hemodialysis
7. Osteodystrophy
8. Peritoneal dialysis
9. Progression of renal disease
10. Renal amyloidosis
11. Vascular access in dialysis

D. TRANSPLANTATION

1. Evaluation of the pre-transplant patient
2. Evaluation of the post-transplant patient
3. Infections/complications in transplantation
4. Immunosuppression medications
5. Rejection
6. Recurrence of disease

A. CONSULTATION AT HERMANN AND LBJ HOSPITALS

SYSTEMIC DISEASES AFFECTING THE KIDNEYS

1. Anti-phospholipid antibody syndrome

- a) Renal manifestation of the anti-phospholipid antibody syndrome. Seminars in Arthritis and Rheumatism 23 (1994): 357-66.
- b) The intrarenal vascular lesions associated with primary anti-phospholipid syndrome. J Am Soc Nephrol 10: 507, 1999.

2. Amyloidosis

Treatment of amyloidosis. AJKD 26 (1995): 267-85

3. Cholesterol Emboli Syndrome

- a) The clinical spectrum of cholesterol emboli syndrome. Am J Med 71 (1981): 174-80.

- b) Atheromatous renal disease. Am J Med 85 (1988): 139-45.
- c) Cholesterol crystal embolism: A recognizable cause of renal disease. Am J Kidney Dis 36: 1089, 2000.

4. **Diabetic Nephropathy**

- a) Diabetic nephropathy: Pathogenesis, diagnosis, and prevention of progression. Adv Int Med 46: 359, 2001.
- b) Medical management of nephropathy in type I diabetes. JASN 6 (1995): 1523-29.
- c) Nephropathy of type II diabetes. JASN 9 (1998): 2157-69.
- d) Diabetic nephropathy in type I diabetes. AJKD 20 (1992): 533-47.
- e) Effect of intensive treatment of diabetes on the development and progression of long-term complications of type I diabetes. NEJM 329 (1993): 977-86.
- f) Effect of ACE-inhibition on type I diabetic nephropathy. NEJM 329 (1993): 1456-62.

5. **Hepatitis B virus**

- a) Hepatitis B virus and renal disease. KI 37 (1990): 663-76.
- b) Treatment of hepatitis B virus associated membranous glomerulopathy with interferon. KI 47 (1995): 225-30.

6. **Hepatitis C virus**

- a) Renal manifestations of hepatitis C infection. Am J Med 106: 347, 1999.
- b) Hepatitis C virus associated glomerulonephritis. Effect of interferon therapy. KI 46 (1994): 1700-4.
- c) Renal manifestations of hepatitis C virus infection. KI 46 (1994): 1255-63.

7. **HIV and the Kidney**

- a) Acute renal failure syndromes in HIV infection. Seminars in Neph 18 (1998): 378-95
- b) HIV infection and the kidney. JASN 8 (1997): 138-52.
- c) HIV infection and the kidney. Ann Int Med 112 (1990): 35-49.

8. **Lupus Nephritis**

- a) Advances in the treatment of lupus nephritis. Annu Rev Med 52: 63, 2001.
- b) Treatment of lupus nephritis. Adv Intern Med. 46: 177, 2001.
- c) Lupus nephritis. JASN 10 (1999): 413-24.
- d) Therapy of lupus nephritis. NEJM 314 (1986): 614-9.

9. **Sarcoidosis**

- a) Renal dysfunction in patients with sarcoidosis. Intern Med 35: 523, 1996.
- b) The kidney in sarcoidosis. JASN 3 (1993): 1555-62.

10. **Scleroderma**

Scleroderma and the kidney. KI 41 (1992): 462-77.

11. **Sickle cell disease**

Sickle cell nephropathy. JASN 10 (1999): 187-92.

12. **TTP/HUS**

- a) Pathogenesis and treatment of HUS. JASN 9 (1998): 1126-33.
- b) TTP: JASN 3 (1992): 35-41.

ACUTE RENAL FAILURE

1. **General**

- a) Treatment of acute renal failure. KI 54 (1998): 1817-31.
- b) Management of acute renal failure. AJKD 28 (1996): 315-28.
- c) Effect of dialysis membrane in acute renal failure. NEJM 331 (1994): 1338-42.

2. **Contrast Nephropathy**

- a) Reduction of contrast nephropathy by acetylcysteine. N Engl J Med 343: 180, 2000.
- b) Contrast media induced acute renal failure. KI 53 (1998)
- c) Effects of saline, mannitol and furosemide on acute decreases in renal function induced by contrast. NEJM 331 (1994): 1416-20.
- d) Contrast nephropathy. JASN 5 (1994): 125-37.

3. **Gentamicin toxicity**

- a) Aminoglycoside toxicity. KI 33 (1988): 900-11.
- b) Studies of risk factors for amino glycoside toxicity. AJKD 18 (1986): 308-13.
- c) Once versus thrice daily gentamicin in patients with severe infections. LANCET 341 (1993): 335-39.

4. **Hepatorenal Syndrome**

- a) Hepatorenal syndrome. KI 43 (1993): 737-53.
- b) Hepatorenal syndrome. JASN 4 (1994): 1735-53.

5. **Rhabdomyolysis**

- a) Rhabdomyolysis. JASN 11: 1553, 2000.
- b) Rhabdomyolysis and acute renal failure. KI 49 (1996): 314-26.

ACUTE GLOMERULONEPHRITIS

1. **General**

- a) Glomerulonephritis. Lancet 353 (9163): 1509, 1999.
- b) Diagnostic significance of decreased complement. KI 39 (1991): 811-21.
- c) Diagnosis of acute glomerulonephritis. NEJM 309 (1983): 1299-1302.

2. **RPGN/ANCA Disease**

- a) Pathogenesis of ANCA-associated systemic vasculitis. J Pathol 190: 349, 2000.
- b) Small vessel vasculitis. NEJM 337 (1997): 1512-23.
- c) ANCA associated renal disease. KI 38 (1990): 998-1010.

3. **Goodpasture's Disease**

- a) Goodpasture's syndrome. KI 55 (1999): 1120.
- b) Anti-glomerular basement membrane disease. J Am Soc Nephrol 10: 2446, 1999.
- c) Goodpasture's syndrome. KI 50 (1996): 1753-66.
- d) Characterization of anti-glomerular basement membrane antibodies involved in Goodpasture's syndrome. KI 46 (1996): 823-29.

4. **Post-infections**

- a) Post-streptococcal glomerulonephritis. Nephron 55: 1-5
- b) Hantavirus and the kidneys. KI 48 () 887-902.

5. **Wegener's disease**

- a) Update on the diagnosis and treatment of Wegener's granulomatosis. Semin Nephrol 20: 265, 2000.
- b) Cytoxan induced bladder cancer. Ann Int Med 124 (1996): 477-84.
- c) Wegener's granulomatosis. Ann Int Med 116 (1992): 488-98.

CHRONIC GLOMERULONEPHRITIS

1. Nephrotic Syndrome (general)

- a) Hypercoagulability, renal vein thrombosis and other thrombotic complications of nephrotic syndrome. KI 28 (1985): 429-39.
- b) Extrarenal complications of the nephrotic syndrome. AJKD 23 (1994): 477-97.
- c) The nephrotic syndrome. NEJM 338 (1998): 1202-11.

2. Alport's syndrome

- a) Alport's syndrome. Medicine (Baltimore) 78: 338, 1999.
- b) Alport's syndrome. JASN 9 (1998): 1736-50.

3. Ig A Nephropathy

- a) IgA nephropathy: recent developments. JASN 11: 2, 395, 2000.
- b) Natural history of IgA nephropathy. AJKD 36: 227, 2000.
- c) IgA nephropathy. KI 47 (1995): 377-87.

4. FSGS

- a) FSGS in adults. AJKD 25 (1995): 534-42.
- b) Primary FSGS. JASN 9 (1998): 1333-40.
- c) The many masks of FSGS. KI 46 (1994): 1223-41.

5. Membranous GN

- a) Idiopathic membranous glomerulonephritis. KI 59: 1983, 2001.
- b) Membranous glomerulopathy. JASN 8 (1997): 664-74.

6. MPGN

- a) Management of membranoproliferative glomerulonephritis. KI Supp 70: 541, 1999.
- b) Secondary MPGN. KI 47 (1995): 643-56
- c) Idiopathic MPGN. Am J Med 74 (1983): 175-92.

7. Minimal Change Disease

- a) Immunosuppressive agents in childhood nephrotic syndrome. *KI* 59: 1919, 2001.
- b) De Novo minimal change disease. *AJKD* 32: 508, 1998.
- c) Treatment of idiopathic nephrotic syndrome. *JASN* 8 (1997): 824-32.
- d) Therapy of childhood nephrotic syndrome. *JASN* 3 (1992): 889-94.

ELECTROLYTE DISORDERS

- a) Hyponatremia. *JASN* 8 (1997): 1599-1606.
- b) Hyperkalemia. *JASN* 9 (1998): 35-43.
- c) Hypokalemia. *NEJM* 339: 451-58.
- d) Extracellular calcium sensing receptor: implications for calcium and magnesium handling in the kidney. *KI* 50 (1996): 2129-39.
- e) Magnesium deficiency: pathophysiologic and clinical overview. *AJKD* 24 (1994): 737-52.

FLUID MANAGEMENT/EDEMA STATES/DIURETICS

- a) An odyssey into the milieu interieur. *JASN* 2 (1992): 1549-59.
- b) Body fluid regulation in health and disease. *Ann Int Med* 113 (1990): 155-59.
- c) Crystalloids versus colloids in fluid resuscitation. *Crit Care Med* 27 (1999): 200-10.
- d) Human albumin administration in critically ill patients. *BMJ* 317 (1998): 235-39.
- e) Diuretic drugs and treatment of edema. *AJKD* 23 (1994): 623-43.
- f) Diuretic therapy. *NEJM* 339 (1998): 387-95.

TUBULOINTERSTITIAL DISORDERS

1. General

- a) Disorders of proximal tubule function. *Am J Med* 72: 275-88.
- b) Disorders of distal tubule function. *Am J Med* 72: 289-306.
- c) Disorders of concentration and dilution. *Am J Med* 72: 307-22.

2. Bartter's Syndrome

- a) Molecular pathogenesis of Bartter's and Gitelman's syndromes. *KI* 54 (1998): 1396-1410.
- b) Bartter's syndrome: unsolved puzzle. *AJKD* 25 (1995): 813-23.

3. Renal Tubular Acidosis

Renal tubular acidosis. Endo and Metab Clinics of North Am 19 (1990): 869-87.

4. **Tubulointerstitial Nephritis**

- a) Allergic interstitial nephritis. JASN 9 (1998): 505-15.
- b) The clinical spectrum of Tubulointerstitial nephritis. KI 54 (1998): 313-27.

ACID-BASE DISORDERS

- a) Disorders associated with an altered anion gap. KI 27 (1985): 472-83.
- b) Uremic acidosis. KI 34 (1988): 278-87.
- c) Lactic acidosis. KI 29 (1986): 752-774.

HYPERTENSION

1. **Primary Hypertension**

- a) Treatment of hypertension crisis. NEJM 323 (1990): 1177-83.
- b) Malignant hypertension and hypertensive emergencies. JASN 9 (1998): 133-42.
- c) Refractory hypertension. NEJM 327 (1992): 543-47.

2. **Secondary Hypertension**

- a) Pheochromocytoma. Sem in Neph 15: 126-37.
- b) Endocrine causes of hypertension. Sem in Neph 15 (1995): 106-15.
- c) Primary hyperaldosteronism. NEJM 339 (1998): 1828-34.
- d) Diagnosis and treatment of primary hyperaldosteronism. Ann Int Med 121 (1994): 877-85.

MISCELLANEOUS TOPICS

1. **Biocompatibility**

Clinical implications of hemodialysis membrane biocompatibility. KI 44 (1993): 484-94.

2. **Continuous Renal Replacement Therapy (CRRT)**

- a) Non-renal indications for continuous renal replacement therapy. KI Suppl. 72: 588, 1999.
- b) Continuous hemofiltration in the treatment of acute renal failure. NEJM 336 (1998): 1303-9.
- c) CRRT. AJKD 32 (1998): 185-207.

3. **Critical Care Nephrology**

- a) Gastric mucosal pH as a prognostic index of mortality in critically ill patients. Crit Care Med 19 (1991): 1037-40.
- b) A trial of goal directed hemodynamic therapy in critically ill patients. NEJM 333 (1995): 1025-32.
- c) Definitions for sepsis and organ failure. Chest 101 (1992): 1644-55.
- d) Treating patients for severe sepsis. NEJM 340 (1999): 207-14.
- e) Natural history of systemic inflammatory response syndrome (SIRS). JAMA 273 (1995): 117-23.
- f) Pulmonary artery wedge pressure – when it's valid, when it's not. Crit Care Nursing Clin of N Am I (1989): 603-18.

4. **Cystic Diseases/Congenital Disorders**

- a) Renal involvement in Fabry's disease. Intern Med 39: 601, 2000.
- b) Hereditary and acquired cystic diseases of the kidney. KI 46 (1994): 951-64.
- c) Complications of polycystic kidney disease. KI 51 (1997): 353-65.
- d) The etiology, pathogenesis and treatment of polycystic kidney disease. AJKD 28 (1996): 788-803.
- e) Extra-renal manifestations of polycystic kidney disease. KI 51 (1997): 2022-36.

5. **Hematuria**

Evaluation of hematuria in adults. JAMA 263 (1990): 2475-80.

6. **Hemodialysis**

- a) Initiation of dialysis. JASN 6 (1995): 1319-28.
- b) Acute symptoms of hemodialysis. Sem in Dialysis 6 (1993): 59-69.

7. **Obstructive Nephropathy**

- a) Obstructive nephropathy. KI 54 (1998): 286-300.
- b) Pathophysiology of obstructive nephropathy. Sem in Neph 11 (1991): 156-68.

8. **Poisonings**

Hemodialysis and hemoperfusion for poisoning. AKF Nephrology Letter 10 (1993): 1-20.

9. **Plasmapheresis**

Therapeutic plasmapheresis in renal disease. JASN 7 (1997): 367-86.

10. Polyuria

Vasopression in pathophysiologic states. Sem in Neph 14 (1994): 384-97.

11. Pregnancy and the Kidneys

- a) Postpartum renal failure. NEJM 312 (1985): 1556-59.
- b) Hypertension in pregnancy. NEJM 326 (1990): 927-32.
- c) Treatment of hypertension in pregnant women. NEJM 335 (1996): 257-65.
- d) Outcome of pregnancy in women with moderate to severe chronic renal failure. NEJM 335 (1996): 226-32.
- e) Pregnancy in chronic renal insufficiency and end-state renal disease. AJKD 33 (1999): 235-52.

12. Renal Biopsy

- a) Renal biopsy. KI 38 (1990): 529-43.
- b) Is renal biopsy necessary for management of idiopathic nephrotic syndrome? KI 24 (1983): 561-75.
- c) Timing of complications in renal biopsy. AJKD 28 (1996): 47-52.

13. Renal Vascular Disease

- a) Atherosclerotic renal vascular disease. AJKD 29 (1997): 167-87.
- b) Revascularization in renal artery stenosis. KI 53 (1998): 799-811.

14. Urinalysis/Proteinuria

- a) Reliability of urinary dip-sticks. Clin Neph 41 (1994): 167-72.
- b) Proteinuria. AJKD 17 (1991): 48-52.
- c) Quantification of proteinuria with a protein to creatinine ratio. Archives Int Med 147: 943-44.

15. Urolithiasis

- a) Risk for renal failure in nephrolithiasis. AJKD 37: 233, 2001.
- b) Nephrolithiasis. Semin Nephrol. 19: 381, 1999.
- c) Nephrolithiasis. JASN 9 (1998): 917-24.
- d) Pathogenesis and treatment of kidney stones. NEJM 327 (1992): 1141-52.

16. NSAIDS and the Kidney

- a) Renal syndromes associated with NSAIDS. NEJM 310 (1984): 563-72.
- b) Analgesic nephropathy. NEJM 338 (1998): 446-52.

- c) Analgesic use and chronic renal failure. *KI* 54 (1998): 679-86.
- d) Analgesic nephropathy. *AJKD* 32 (1998): 351-60.

A. CONSULTATIONS AT MDACC

In Addition to Above

1. Paraneoplastic Glomerulopathies

- a) Paraneoplastic syndromes in the kidney. *Semin. Oncol.* 24: 373, 1997.
- b) Acute renal failure in lymphoma. *JASN* 8 (1997): 1348-54.
- c) Paraneoplastic Glomerulonephritis. *Sem in Neph* 13 (1993): 258-72.
- d) Membranous glomerulopathy and malignancy. *AJKD* 22 (1993): 5-10.
- e) Neoplasia and glomerular injury. *KI* 30 (1986): 465-73.
- f) Glomerular lesions in lymphomas and leukemias. *Am J Med* 80 (1986): 63-70.

2. Renal Syndromes in Bone Marrow Transplantation

- a) Acute renal failure in the setting of bone marrow transplantation. *KI* 46 (1994): 1443-58.
- b) Bone marrow transplant nephropathy. *JASN* 8 (1997): 166-73.

3. Renal Effects of Chemotherapy

- a) Effects of chemotherapy on the kidney. *Sem in Neph* 13 (1993): 297-305.
- b) Nephrotoxicity induced by cancer chemotherapy. *AJKD* 8 (1986): 368-79.
- c) Hypercalcemia of malignancy. *Crit. Review in Onc/Heme* 11 (1991): 1-27.

4. Radiation Nephritis

Radiation nephritis. *Urology* 28 (1986): 389-93.

5. Renal Cell Carcinoma

Renal cell carcinoma. *NEJM* 335 (1996): 865-76.

6. Tumor Lysis Syndrome

- a) Metabolic emergencies in the cancer patient. *Semin Oncol.* 27: 322, 2000.
- b) Tumor lysis syndrome. *Sem in Neph* 13 (1993): 273-80.

7. **Multiple Myeloma/Light Chain Nephropathy**

- a) Monoclonal immunoglobulin light chain related renal disease. Sem. In Neph 13 (1993): 324-41.
- b) Monoclonal immunoglobulin deposit disease. Ann Int Med 112 (1990): 455-64.
- c) Acute Myeloma kidney. KI 48 (1995): 1347-61.

B. INPATIENT NEPHROLOGY UNIT/OUTPATIENT DIALYSIS

1. **Adequacy of Dialysis**

- a) Effect of hemodialysis prescription on patient morbidity – National Cooperative Dialysis Study. NEJM 305 (1981): 1176-81.
- b) Adequacy of hemodialysis. AJKD 20 (1992): 107-23.
- c) The urea reduction ratio and serum albumin levels as predictors of mortality in patients undergoing hemodialysis. NEJM 329 (1993): 1001-6.
- d) Adequacy of peritoneal dialysis. KI supp 48 (1994).
- e) NKD DOQI practice guidelines. AJKD 30 (1997): Supp 3 & 4.

2. **Anemia of Renal Failure**

- a) Erythropoietin in the pathogenesis and treatment of anemia in chronic renal failure. KI 51 (1997): 622-30.
- b) Erythropoietin. NEJM 324 (1991): 1339-44.
- c) Iron management in ESRD. AJKD 29 (1997): 319-33.

3. **Biocompatibility/Reuse**

- a) Effect of dialysis membrane on mortality in chronic renal failure patients. KI 50 (1996): 566-70.
- b) Effects of reuse in hemodialysis. AJKD 26 (1995): 549-53.

4. **Cardiac Disease in ESRD**

- a) Poor long-term survival in acute MI among patients on chronic hemodialysis. NEJM 339 (1998): 799-805.
- b) Diagnostic accuracy and prognostic value of DP-Thallium stress testing in hemodialysis patients. KI 54 (1998): 255-62.
- c) Diagnosis of coronary artery disease in patients with ESRD. JASN 7 (1996): 2044-54.

5. **Dietary Management of Renal Disease**

Effects of dietary protein restriction and blood pressure control on the progression of chronic renal disease. NEJM 330 (1994): 877-84.

6. **Hemodialysis**

Dialysis. NEJM 338 (1998): 1428-37.

7. **Osteodystrophy**

- a) Hypokinetic osteodystrophy. KI 54 (1998): 1000-16.
- b) Renal osteodystrophy. NEJM 333 (1995): 166-74.
- c) Renal bone disease. KI 38 (1990): 193-211.

8. **Peritoneal Dialysis**

- a) Optimization of CAPD. KI 55: 1131, 1999.
- b) Peritoneal dialysis. KI 45: 1226-40.
- c) CAPD. NEJM 318: 1595-1600.
- d) PD catheter exit site and tunnel infection. Adv in Renal Repl Therapy 3: 222-27.
- e) PD peritonitis. JASN 9: 1956-64.

9. **Progression of Renal Failure**

- a) Progression of renal disease. NEJM 318 (1987): 1657-67.
- b) Pathophysiology of progressive nephropathies. NEJM 339 (1998): 1448-56.
- c) Blood pressure control, proteinuria, and the progression of renal disease. Ann Int Med 123 (1995): 754-62.

10. **Renal Amyloidosis**

Beta₂ microglobulinemia in renal disease. JASN 9 (1998): 1723-35.

11. **Vascular Access**

- a) Hemodialysis access failure. KI 54 (1998): 1029-40.
- b) Vascular access – a nephrologist's view. AJKD 21 (1993): 457-71.
- c) Vascular access in the 1990's. JASN 3 (1992): 1-11.

C. **TRANSPLANTATION**

- a) Infection in organ-transplant recipients. NEJM 338 (1998): 1741-51.
- b) Prevention and treatment of allograft rejection. JASN 4 (1993): 1239-56.

- c) Preoperative evaluation for diabetic renal transplantation. *Am J Med* 93 (1992): 19-28.
- d) Transplant immunology. *NEJM* 317 (1987): 489-92.
- e) The evaluation of renal transplant candidates. *JASN* 6 (1995): 1-34.
- f) Pharmacology of immunosuppressive medications. *Am J Kidney Dis* 28 (1996): 631-37.
- g) Immunosuppressants in kidney transplant. *Am J Kidney Dis* 28 (1996): 159-172.
- h) Renal transplantation. *NEJM* 331 (1994): 365-76.
- i) Long-term complications of renal transplants. *Am J Kidney Dis* 22 (1993): 477-86.
- j) Chronic rejection. *KI* 46 (1994): 266-79.
- k) Recurrent disease in the kidney transplant. *JASN* 12: 394, 2001.
- l) Combined kidney-pancreas transplantation. *KI* 53 (1998): 1090-1102.