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The YEAR BOOK of

Medicine®

1982

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NEW THIS YEAR

CUMULATIVE SUBJECT INDEX: 1978-1982

Most Year Book readers subscribe to the Year Book throughout their careers, and recent surveys and numerous unsolicited comments indicate that Year Book readers frequently refer back as much as 4 years to earlier editions. The objective may be to locate a particular article that is only vaguely remembered, to research a very specific subject not included in the most recent edition, or to research a subject in greater depth or for cross-references. Leafing through the indices of three or four individual volumes can be cumbersome and time-consuming.

To assist you in using your YEAR BOOKS as a cumulative reference source, we have combined the 1982 edition subject index with the subject indices of the four previous editions, creating a new, 5-year Cumulative Subject Index. Thus, this year's Cumulative Subject Index gives volume (year) and page references to the 1978 through 1982 YEAR BOOKS. The 5-year interval will be retained in subsequent editions by deleting the earliest year's references and adding the newest year's references (i.e., the Cumulative Subject Index for the 1983 edition will give references to the 1979 through 1983 YEAR BOOKS). Please see the first page of the Cumulative Subject Index for instructions on its use.

We hope you will find the new Cumulative Subject Index useful and efficient, and we welcome your comments and any suggestions for further improvements. Please direct your comments to:

> Managing Editor Year Books Year Book Medical Publishers, Inc. 35 East Wacker Drive Chicago, IL 60601

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Acta Medica Scandinavica

American Family Physician

American Heart Journal

American Journal of Cardiology

American Journal of Clinical Pathology

American Journal of Medicine

American Journal of Obstetrics and Gynecology

American Journal of Psychology

American Journal of Public Health

American Journal of Roentgenology

American Journal of Surgery

American Review of Respiratory Disease

American Society for Artificial Internal Organs Journal

Annals of Internal Medicine

Annals of the Rheumatic Diseases

Annals of Surgery

Annals of Thoracic Surgery

Archives of Dermatology

Archives of Internal Medicine

Archives of Pathology and Laboratory Medicine

Blood

British Journal of Dermatology

British Journal of Surgery

British Medical Journal

Cancer

Cancer Treatment Reports

Chest

Circulation

Circulation Research

Cleveland Clinical Quarterly

Clinical Endocrinology (Oxford)

Clinical Nephrology

Diabete et Metabolisme

Diabetes

Diabetologia

European Journal of Clinical Investigation

European Journal of Orthodontics

European Journal of Respiratory Diseases

European Urology

Gastroenterology

Gut

Helvetica Paediatrica Acta

Hepatology

Injury; British Journal of Accident Surgery

Johns Hopkins Medical Journal

Journal of Allergy and Clinical Immunology

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Journal of the American Academy of Dermatology

Journal of the American Medical Association

Journal of Applied Physiology

Journal of Cardiovascular Medicine

Journal of Clinical Endocrinology

Journal of Clinical Investigation

Journal of Dental Education

Journal of Infectious Diseases

Journal of Neurology, Neurosurgery and Psychiatry

Journal of Pediatrics

Journal of Thoracic and Cardiovascular Surgery

Journal of Urology

Kidney International

Lancet

Mayo Clinic Proceedings

Medicine (Baltimore)

Nephron

New England Journal of Medicine

New Zealand Journal of Medicine

Ophthalmology Research

Postgraduate Medical Journal

Radiology

Reviews of Infectious Diseases

Southern Medical Journal

Surgery

Thorax

Tissue Antigens

Transplantation

Current Literature Quiz

The questions below are an informal test of your knowledge before and/or after reading the YEAR BOOK. The questions are answered by locating the appropriate article in the text by its reference number, which appears in parentheses after each question. The reference numbers indicate the chapter in which the article appears and its numerical order within the chapter.

1. What is the role of "reverse isolation" procedures in preventing infections in granulocytopenic patients? (1-1)

2. Many hospitals routinely apply povidone-iodine to the urethral-catheter junction ("meatal care") of all patients with indwelling Foley catheters. Should your hospital provide this infection control measure? (1-2)

- 3. A nurse who works in the surgical intensive care unit comes to your office complaining of a painful lesion adjacent to the nail on her right index finger. Two vesicles are present; they have an erythematous base and contain cloudy fluid. What is the likely diagnosis? Should the lesions be incised and drained? (1-4)
- 4. A new reservoir for *Rickettsia prowazekii*, the agent of epidemic typhus, has been defined within the United States. What is it? (8-1)
- 5. A young man appears in the emergency room with fever, sore throat, and a grey-green pseudomembrane covering the tongue, uvula, and soft palate. The resident in the emergency room thinks he has encountered his first case of diphtheria. You suggest a more likely diagnosis. (8–6)
- 6. A woman has been immunized inadvertently with live attenuated rubella vaccine during the first month of her just-discovered pregnancy. What is your advice concerning the need for an abortion? (6-4)
- 7. Which of the new β-lactam antibiotics offer optimal therapy for infection with *Pseudomonas aeruginosa* and which ones are often ineffective? (7-8 and 7-9)
- 8. What is the drug of choice in treating nongonococcal pelvic inflammatory disease?
- 9. Which two diseases, often lethal for half of those who are affected, have occurred in outbreaks among homosexual men? (5–2)
- 10. What rapid (less than 1 minute), highly specific test for scabies utilizes only a fountain pen and an alcohol pad? (8-10)
- 11. Why is it important to question a patient with acute arthritis carefully regarding the occurrence of diarrhea? (3-3)
- 12. Compare the effectiveness of transsphenoidal hypophysectomy, interstitial radiation, and bromocriptine in the treatment of acromegaly. (39–1, 39–2, and 39–3)
- 13. How does one determine when to begin treatment with estrogens or androgens in children of adolescent age who have had growth retardation as a result of craniopharyngioma? Is the final result of treatment different in boys and girls? (39–5)
- 14. How can Graves' disease be distinguished from a TSH-secreting pituitary tumor in a hyperthyroid patient with a pituitary mass? (39–11)

- 15. A postmenopausal patient is involved in an automobile accident, and skull films reveal a large sella turcica. The patient denies any endocrine symptoms except amenorrhea. What single endocrine test is likely to give the most specific information about the significance of this finding? What imaging technique is most likely to be helpful? (39–13 and 39–14)
- 16. A patient with Graves' disease, but otherwise healthy, is about to go off on a trip and therefore is anxious to bring the disease under control as rapidly as possible. Will her course be shorter if propranolol is given along with propylthiouracil? If treatment with ¹³¹I is contemplated, will pretreatment with propranolol provide a better prognosis than treatment with a thiourea derivative? (41–3 and discussion)
- 17. A patient is admitted with an infection and a clinical diagnosis of "thyroid storm," but measurement of thyroxine and triiodothyronine in plasma are normal. Does this mean that the diagnosis was incorrect? If "yes," how do you account for the full-blown clinical picture? If "no," what went wrong with the laboratory test? (41–5)
- 18. Hypothyroidism has been accused of causing emotional depression, breast cancer, congestive heart failure, and myositis. Is there good evidence to support these allegations? (41–7 and 41–8 and discussion)
- 19. Thyroid cancers are often associated with release of thyroglobulin into the plasma. Would it be useful to follow the concentration of plasma thyroglobulin in patients at increased risk of developing cancer because they have received neck radiation? How about in patients with congenital goiter? (41–11 and 41–12)
- 20. A 12-year-old boy develops diabetes mellitus acutely. A decision is made to treat him intensively in order to preserve islet function and in hope of curing his diabetes. No special insulin injection or pumping systems are available locally, but both open-circuit and closed-circuit insulin pumps are available on consultation at a distance. How likely is this treatment to prove successful? Would you prefer an open- or a closed-circuit system? Are other options available? (44–1 and 44–2)
- 21. What are the major clinical manifestations of tumors secreting somatostatin? (44-13 and 44-14)
- 22. Equipment such as the "Biostator" that can hold the plasma glucose con'centration at normal levels is often useful in treating diabetic ketoacidosis. Can you think of another situation in which such equipment would
 be helpful? (44–16)
- 23. We often recommend dietary adjustments when we regulate diabetics. Generally, this involves a prescription for the distribution of calories into carbohydrate, protein, and fat and the distribution of meals during the course of the day. Is there any other dietary consideration that might improve both the control of carbohydrate metabolism and the abnormalities of plasma lipids often occurring in diabetics? (44–5)
- 24. A 32-year-old man with staphylococcal empyema was treated with methicillin and thoracotomy drainage and returned home after 28 days in the hospital. Six weeks after discharge, he was readmitted with painless hematuria, normal serum creatinine concentration and 5.3 gm of protein in a 24-hour urine. Serum complement is normal. There was no fever or eosinophilia. What are the two most likely diagnoses and how would you establish the correct one? (46-2 and 48-1)
- 25. In addition to amyloid disease, what other process can cause proteinuria in the nephrotic range in patients with multiple myeloma? How would you establish the diagnosis? (46-1)
- 26. Why are the glomeruli of patients with minimal-change nephropathy abnormally permeable to albumin? (47-1)

- 27. When should women with recurrent cystitis be referred for cystoscopy and intravenous pyelography? (48–3)
- 28. A 63-year-old veteran has a history of gout and slowly progressive nephritis. What toxic exposure should be considered when taking the occupational and dietary histories? Is there a test that would help in that consideration? (48–4)
- 29. During the diuretic phase of recovery from acute renal failure that followed an episode of alcoholic rhabdomyolysis, the serum calcium of a 35-year-old man rose to 12.8 mg/100 ml. What is the reason for the hypercalcemia? Can you suggest a treatment? (49–2)
- 30. What is the differential diagnosis for hemorrhagic blisters appearing in exposed areas in a patient on hemodialysis? (53-4)
- 31. Is there any reason to think that reducing the protein intake alters the prognosis in chronic nephritis? (53-3)
- 32. The day after an episode of dialysis-associated hypotension, the serum creatine phosphokinase level in your 54-year-old male patient with polycystic kidney disease is said to be elevated to twice the normal value. What is the most likely reason? (52-3)
- 33. What improvement in renal function can be expected over the long term if blood pressure is controlled in a patient with hypertensive vascular disease? (50-1)
- 34. What is the mechanism of hyperchloremic acidosis complicating obstructive uropathy? (54–4)
- 35. A 62-year-old woman who complains of anorexia and has lost 15 lb has a serum calcium concentration of 12.9 mg/100 ml and a serum phosphorus concentration of 2.1 mg/100 ml. The two most likely diagnoses are hyperparathyroidism and hypercalcemia of malignancy. How would you distinguish between the two? (55–1)
- 36. How does smoking affect the healing of duodenal ulcer disease? What other factors influence healing rates? (34–1)
- 37. Are physicians prescribing cimetidine in an appropriate manner? (34–2)
- 38. Does early endoscopy influence the outcome in upper gastrointestinal bleeding? (34–6)
- 39. Does $C\bar{l}ostridium\ difficile\ cause\ relapses\ in\ inflammatory\ bowel\ disease?\ (36-1)$
- 40. What are new therapeutic approaches to patients with refractory proctitis due to inflammatory bowel disease? (36–3)
- 41. What is the appropriate diagnostic approach to anorectal infections in homosexual men? (36-6)
- 42. Is the hepatitis B vaccine effective in preventing viral hepatitis type B? (37-4)
- 43. What is the effect of corticosteroid therapy in (1) severe viral hepatitis; and (2) chronic active liver disease associated with positive tests for hepatitis B surface antigen? (37–2 and 37–7)
- 44. Is chenodeoxycholic acid (Chenodiol) effective in dissolving cholesterol gallstones? (37–26)
- 45. What is the relationship between coffee and pancreatic cancer? (38-3)



PART ONE INFECTIONS

DAVID E. ROGERS, M.D.

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