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Grundfest-Broniatowski S; Esselstyn Jr CB eds, controversies in breast disease: diagnosis and management (book review), reviewed by Gump FE, 56:837, 1989

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- Brain MC; Carbone PP eds, current therapy in hematology and oncology—3 (book review), reviewed by Weick JK, 56:317, 1989

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Matthay RA; Matthay MA; Wiedemann HP eds, annual review of pulmonary and critical care medicine (book review), reviewed by Meeker DP, 56:745, 1989

Pulmonary eosinophilia

pulmonary infiltrates and eosinophilia revisited (review article), Meeker DP, 56:199, 1989 (erratum, 56:234, 1989)

Pulmonary veins, abnormalities

partial anomalous pulmonary venous drainage: a novel approach to repair, Hanhan UA; Moodie DS; Gill CC; Sterba R; Currie P; Stewart R, 56:786, 1989

partial anomalous pulmonary venous drainage: a novel approach to repair. commentary, Rosenkranz E, 56:790, 1989

Pumping, intra-aortic balloon

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Q

Quality assurance, health care

computer-assisted audits of blood component transfusion, Hoeltge GA; Brown JC; Herzig RH; Johannisson MR; Millward BL; O'Hara PJ; Orlowski JP; Sharp DE; Zurick AM, 56:267, 1989
 quality assurance and safety of the blood supply (editorial), Keating LJ, 56:282, 1989

R

Radiographic image enhancement

Mancini GBJ ed, clinical applications of cardiac digital angiography (book review), reviewed by Heupler FA Jr, 56:654, 1989

Receptors, dopamine

fetal substantia nigra grafts: effect on dopamine receptors in the rat corpus striatum, Korfali E; Knowles WD; Uysal S; Ulus IH; Ozmen T, 56:259, 1989

Renal artery, diseases

baseline renal function and surgical revascularization in atherosclerotic renal arterial disease in the elderly, Bedoya L; Ziegelbaum M; Vidt DG; Badhwar K; Novick AC; Gifford RW Jr, 56:415, 1989

Renal artery, diseases

atheroembolic renal disease: association with renal arterial stenosis, Vidt DG; Eisele G; Gephardt GN; Tubbs R; Novick AC, 56:407, 1989

Renal artery obstruction

atheroembolic renal disease: association with renal arterial stenosis, Vidt DG; Eisele G; Gephardt GN; Tubbs R; Novick AC, 56:407, 1989

Renal artery obstruction, drug therapy

secondary renal revascularization for recurrent renal artery stenosis, Erturk E; Novick AC; Vidt DG; Cunningham R, 56:427, 1989

thrombolytic therapy for renal artery occlusions: a preliminary report, Olin JW; Graor RA; Young JR, 56:432, 1989

Renal artery stenosis

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Renal failure, chronic

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Renin-angiotensin system

renin angiotensin system: importance in physiology and pathology, Ferrario CM; Schiavone MT, 56:439, 1989

Reproduction

laboratory diagnosis in andrology, Rothmann SA; Morgan BW, 56:805, 1989

Reviewers list

Cleveland Clinic Journal of Medicine reviewers—1989, Taylor JS, 56:803, 1989

S

Shock

Clowes GHA Jr ed, trauma, sepsis, and shock: the physiological basis of therapy (book review), reviewed by Orlowski JP, 56:546, 1989

Sickle cell trait

solidity of sickle hemoglobin gels: relevance to pathophysiology of sickling disorders, Danish EH; Harris JW; Oh K, 56:793, 1989

Silicosis

hypocomplementemic urticarial vasculitis in a patient with chronic obstructive pulmonary disease and pulmonary silicosis (letter), Strimlan CV; Liput J; Stevens M, 56:543, 1989

Sleep disorders

managing sleep disorders in the elderly patient (grand rounds), Weinstein CE, 56:666, 1989

Smoking, passive

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Sneezing

ACHOO syndrome: laboratory findings, Morris HH III, 56:743, 1989

Socioeconomic factors

biomedical technology, socioeconomics, and biomedical computing: implications for change, Senhauser DA, 56:711, 1989

Splenic infarction

splenic infarction (case report), Obarski TP; Stoller JK; Weinstein C; Hayden S, 56:174, 1989

Spondylitis, ankylosing

unusual occurrence of ankylosing spondylitis and multiple sclerosis in a black patient (case report), Whitman GJ; Khan MA, 56:819, 1989

Sterility

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Steroids

decreased infection in cardiac transplant recipients on cyclosporine with reduced corticosteroid use, Gorensek MJ; Stewart RW; Keys TF; McHenry MC; Longworth D; Rhem SJ; Babiak T, 56:690, 1989

Stroke

See **Cerebrovascular disorders**

Subarachnoid hemorrhage

management of subarachnoid hemorrhage in the critical care unit, Whiting DM; Barnett GH; Little JR, 56:775, 1989

Subdural empyema

omentum graft for intractable subdural empyema (case report), Barnett GH; Moon HK, 56:311, 1989

Substantia nigra

fetal substantia nigra grafts: effect on dopamine receptors in the rat corpus striatum, Korfali E; Knowles WD; Uysal S; Ulus IH; Ozmen T, 56:259, 1989

Surgery, cardiovascular

preexcitation syndromes: surgical ablation therapy. The Cleveland Clinic experience, Masterson M; Tarazi R; Sterba R; Maloney J; Castle L; Gill C, 56:607, 1989

Surgery, laser

See **Laser surgery**

T

T lymphocytes

immunoglobulin and T-cell receptor gene rearrangement: implications for the diagnosis of lymphoproliferative disorders, Fishleder AJ, 56:716, 1989

Tachycardia, paroxysmal

preexcitation syndromes: surgical ablation therapy. The Cleveland Clinic experience, Masterson M; Tarazi R; Sterba R; Maloney J; Castle L; Gill C, 56:607, 1989

Temporal arteritis

methotrexate for corticosteroid-resistant polymyalgia rheumatica and giant cell arteritis, Krall PL; Mazanec DJ; Wilke WS, 56:253, 1989

Temporal lobe

quantification of temporal lobe resections: a new approach (technical note), Awad AA; Katz A; Lüders H; Weinstein M, 56:833, 1989

Terminal care

development of a palliative care program, Didich J; Weick J, 56:762, 1989

Thallium

failure of dipyridamole-thallium myocardial imaging to detect severe coronary disease, Chin WL; Go R; Lenehan S; Underwood DA, 56:587, 1989

Thrombocytopenia

heparin-induced thrombocytopenia (review), Miller ML, 56:483, 1989

Thrombolytic agents

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Thrombosis

chronic mesenteric venous thrombosis: difficult diagnosis and therapy (case report), Font VE; Hermann RE; Longworth DL, 56:823, 1989

Thrombosis, diagnosis

clues to diagnosis of a life-threatening thrombotic syndrome (grand rounds), Bartholomew J, 56:233, 1989

Tobacco smoke pollution

passive smoking: nuisance or health risk? (grand rounds), Wiedemann HP, 56:113, 1989

Transplantation

CNS transplantation: a treatment for Parkinson's disease? (editorial), Sweeney PJ, 56:287, 1989

fetal substantia nigra grafts: effect on dopamine receptors in the rat corpus striatum, Korfali E; Knowles WD; Uysal S; Ulus IH; Ozmen T, 56:259, 1989

treatment of metastatic transitional cell carcinoma following renal transplantation (case report), Wood DP Jr; Novick AC; Johnson DE; Streem SB; Steinmuller D, 56:61, 1989

Trauma

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Tribute

tribute to George C. Hoffman, MD, Green R, 56:709, 1989

Trypsin inhibitor, alpha 1-antitrypsin

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U

Urinary diversion

stomal complications of intestinal conduit urinary diversion, Klein EA; Montie JE; Montague DK; Novick AC; Straffon RA, 56:28, 1989

Urinary tract infections

outpatient antibiotic therapy for urinary tract infections in women (review), Keys TF, 56:478, 1989

urinary diversion: a continuing challenge (editorial), Whitmore WF Jr, 56:53, 1989

Urticaria, drug therapy

treatment of chronic idiopathic urticaria with astemizole, Huerter CJ; Bergfeld WF; Wagner WO; Dijkstra JWE, 56:263, 1989

Utilization review

computer-assisted audits of blood component transfusion, Hoeltge GA; Brown JC; Herzig RH; Johannisson MR; Millward BL; O'Hara PJ; Orlowski JP; Sharp DE;

Zurick AM, 56:267, 1989

quality assurance and safety of the blood supply (editorial), Keating LJ, 56:282, 1989

Uveitis, anterior

anterior uveitis and multiple sclerosis, Meisler DM; Tomsak RL; Khoury S; Hanson MR; Schwab IR; Ransohoff RM, 56:535, 1989

V

Vaporization, laser

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Vascular diseases, diagnosis

Felix RW Jr ed, noninvasive diagnosis of peripheral vascular disease (book review), reviewed by Graor RA, 56:545, 1989

Vascular surgery

baseline renal function and surgical revascularization in atherosclerotic renal arterial disease in the elderly, Bedoya L; Ziegelbaum M; Vidt DG; Badhwar K; Novick AC; Gifford RW Jr, 56:415, 1989

Vasculitis

hypocomplementemic urticarial vasculitis in a patient with chronic obstructive pulmonary disease and pulmonary silicosis (letter), Strimlan CV; Liput J; Stevens M, 56:543, 1989

Vasopressins

Cowley AW Jr; Laird J-F; Ausiello DA, vasopressin: cellular and integrative functions (book review), reviewed by Vidt DG, 56:457, 1989

W

Wolff-Parkinson-White syndrome

long-term status and survival in Wolff-Parkinson-White syndrome, Proudfit WL; Sterba R, 56:601, 1989

Wounds and injuries, therapy

Clowes GHA Jr ed, trauma, sepsis, and shock: the physiological basis of therapy (book review), reviewed by Orlowski JP, 56:546, 1989

Erratum

On page 627 of the September 1989 issue, in the editorial, "Management of Ebstein's anomaly," by Douglas

D. Mair, MD, the wrong reference list was printed. The correct references are listed below.

REFERENCES

1. Seward JB, Tajik AJ, Feist DJ, Smith HC. Ebstein's anomaly in an 85-year-old man. *Mayo Clin Proc* 1979; **54**:193-196.
2. Shina A, Seward JB, Edwards WD, Hagler DJ, Tajik AJ. Two-dimensional echocardiographic spectrum of Ebstein's anomaly: detailed anatomic assessment. *J Am Coll Cardiol* 1984; **3**:356-370.

3. Shina A, Seward JB, Tajik AJ, Hagler DJ, Danielson GK. Two-dimensional echocardiographic surgical correlation in Ebstein's anomaly: pre-operative determination of patients requiring tricuspid valve plication vs. replacement. *Circulation* 1983; **68**:534-544.
4. Danielson GK, Fuster V. Surgical repair of Ebstein's anomaly. *Ann Surg* 1982; **196**:499-504.