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Pulmonary artery

- Acute postoperative lobar torsion associated with pulmonary arterial rupture (Jones et al). 2003;126:303 (Letter)
Anomalous origin of the left coronary artery from the main pulmonary artery associated with Berry syndrome (Senzaki et al). 2003;126:1645-7 (Brief comm.)
Bilateral lung transplantation and pulmonary artery reconstruction in a patient with chronic obstructive pulmonary disease, and a giant pulmonary artery aneurysm (Force et al). 2003;126:864-6 (Brief comm.)
Chronic and adjustable pulmonary artery banding: reflections on old knowledge (Sievers) (Letter); (Leeuwenburgh et al) (Reply). 2003;126:2104-6
Intraparenchymal replacement of the left pulmonary artery with implantation of segmental arteries in a 26-year-old patient (Cebi et al). 2003;126:2074-7 (Brief comm.)
Isolated persistent fifth aortic arch with systemic-to-pulmonary arterial connection (Hwang et al). 2003;126:1643-4 (Brief comm.)
Pulmonary artery remodeling in transposition of the great arteries: relevance for neoaortic root dilatation (Lalezari et al). 2003;126:1053-60
Remote control of pulmonary blood flow: initial clinical experience (Corno et al). 2003;126:1775-80

Right ventricle-pulmonary artery shunt in first-stage palliation of hypoplastic left heart syndrome (Sano et al). 2003; 126:504-10

Pulmonary atresia

- Influence of chromosome 22q11.2 microdeletion on surgical outcome after treatment of tetralogy of Fallot with pulmonary atresia (Carotti et al). 2003;126:1666-7 (Letter)
Pulmonary atresia with intact ventricular septum: strategy based on right ventricular morphology (Yoshimura et al). 2003;126:1417-26
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Successful Fontan procedure for asplenia with pulmonary atresia and major aortopulmonary collateral arteries (Miyaji et al). 2003;126:1648-50 (Brief comm.)

Pulmonary blastoma

- Clinical-pathologic conference in general thoracic surgery: pulmonary blastoma (Force and Patterson). 2003;126:1247-50

Pulmonary disease, chronic obstructive

- Bilateral lung transplantation and pulmonary artery reconstruction in a patient with chronic obstructive pulmonary disease, and a giant pulmonary artery aneurysm (Force et al). 2003;126:864-6 (Brief comm.)

Pulmonary embolism

- Should lungs from donors with severe acute pulmonary embolism be accepted for transplantation? The Hanover experience (Fischer et al). 2003;126:1641-3 (Brief comm.)

Pulmonary emphysema

- Development of a canine model of pulmonary emphysema and imaging of the emphysematous lung with infrared thoracoscopy (Gotoh et al). 2003;126:1916-21

Pulmonary fibrosis

- Survival benefit of lung transplantation for patients with idiopathic pulmonary fibrosis (Thabut et al). 2003;126: 469-75

Pulmonary valve stenosis

- Severe pulmonary stenosis and aortopulmonary fistula caused by a dissecting aneurysm in the ascending aorta (Imanaka et al). 2003;126:598-600 (Brief comm.)

Pulmonary veins

- Origin of atrial fibrillation from the pulmonary veins in a mitral patient (Melo et al). 2003;126:914-6 (Brief comm.)

Pyrexia; see Fever**R****Radial artery**

- Atherosclerotic involvement of the radial artery in patients with coronary artery disease and its relation with midterm

radial artery graft patency and endothelial function (Gaudino et al). 2003;126:1968-71

Comparative efficacies and durations of action of phenoxybenzamine, verapamil/nitroglycerin solution, and papaverine as topical antispasmodics for radial artery coronary bypass grafting (Mussa et al). 2003;126:1798-805

Phenoxybenzamine treatment is insufficient to prevent spasm in the radial artery: the effect of other vasodilators (Conant et al). 2003;126:448-54

Pretreatment with phenoxybenzamine attenuates the radial artery's vasoconstrictor response to α -adrenergic stimuli (Corvera et al). 2003;126:1549-54

Radial versus right internal thoracic artery as a second arterial conduit for coronary surgery: early and midterm outcomes (Caputo et al). 2003;126:39-47

Radial versus right internal thoracic artery as a second arterial conduit for coronary surgery: early and midterm outcomes (Lytle). 2003;126:5-6 (Editorial)

Radiation injuries

Severe quadricuspid aortic valve stenosis after mediastinal irradiation (Mecozzi et al). 2003;126:1198-9 (Brief comm.)

Radiofrequency ablation; *see* Catheter ablation

Radioisotope diagnostic techniques

Effect of radioisotope sentinel node mapping in patients with cT1 N0 M0 lung cancer (Sugi et al). 2003;126:568-73

Randomized controlled trials; *see also* Clinical trials

Antifibrinolytic therapy during cardiopulmonary bypass reduces proinflammatory cytokine levels: a randomized, double-blind, placebo-controlled study of ϵ -aminocaproic acid and aprotinin (Greilich et al). 2003;126:1498-503

Double crisscross sternal wiring and chest wound infections: a prospective randomized study (Bottio et al). 2003;126:1352-6

N-acetylcysteine prevents reactive oxygen species-mediated myocardial stress in patients undergoing cardiac surgery: results of a randomized, double-blind, placebo-controlled clinical trial (Tossios et al). 2003;126:1513-20

Neuropsychometric outcome following aortic arch surgery: a prospective randomized trial of retrograde cerebral perfusion (Harrington et al). 2003;126:638-44

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Reactive oxygen species

N-acetylcysteine prevents reactive oxygen species-mediated myocardial stress in patients undergoing cardiac surgery: results of a randomized, double-blind, placebo-controlled clinical trial (Tossios et al). 2003;126:1513-20

Reoperation

Automated proximal anastomosis for redo coronary artery bypass grafting through a lateral thoracotomy (Perreas et al). 2003;126:606-7 (Brief comm.)

Decreasing significance of left ventricular dysfunction and reoperative surgery in predicting coronary artery bypass grafting-associated mortality: a twelve-year study (Davierwala et al). 2003;126:1335-44

Management of mitral paravalvular leak: therapy or misadventure? (Hussain et al). 2003;126:879-80 (Brief comm.)

Reoperations and survival after primary repair of congenital heart defects in children (Monro et al). 2003;126:511-20

Reperfusion injury, lung

Early activation of the alveolar macrophage is critical to the development of lung ischemia-reperfusion injury (Naidu et al). 2003;126:200-7

Modified reperfusion and ischemia-reperfusion injury in human lung transplantation (Ardehali et al). 2003;126:1929-34

Pentoxifylline is as effective as leukocyte depletion for modulating pulmonary reperfusion injury (Clark et al). 2003;126:2052-7

Simvastatin ameliorates injury in an experimental model of lung ischemia-reperfusion (Naidu et al). 2003;126:482-9

Tumor necrosis factor inhibitor gene transfer ameliorates lung graft ischemia-reperfusion injury (Tagawa et al). 2003;126:1147-54

Reperfusion injury, myocardial

Attenuation of postcardioplegia injury with inhibitors of the sodium-hydrogen exchanger (Vinten-Johansen and Menzter). 2003;126:1265-7 (Editorial)

Conditioned blood reperfusion markedly enhances neurologic recovery after prolonged cerebral ischemia (Allen et al). 2003;126:1851-8

Direct inhibition of the sodium/hydrogen exchanger after prolonged regional ischemia improves contractility on reperfusion independent of myocardial viability (Yarbrough et al). 2003;126:1489-97

Does antegrade blood cardioplegia alone provide adequate myocardial protection in patients with left main stem disease? (Onorati et al). 2003;126:1345-52

Fetal cardiac surgery: simplicity versus success in a new frontier (Allen). 2003;126:1254-6 (Editorial)

Insulin-induced improvement of postischemic recovery is abolished by inhibition of protein kinase C in rat heart (Fischer-Rasokat and Doenst). 2003;126:1806-12

Leukocyte-depleted terminal blood cardioplegia provides superior myocardial protective effects in association with myocardium-derived nitric oxide and peroxynitrite production for patients undergoing prolonged aortic cross-clamping for more than 120 minutes (Hayashi et al). 2003;126:1813-21

A new role for cardioplegic buffering: should acidosis or calcium accumulation be counteracted to salvage jeopardized hearts? (Castellá et al). 2003;126:1442-8

Poly-ADP-ribose polymerase inhibition protects against myocardial and endothelial reperfusion injury after hypothermic cardiac arrest (Szabó et al). 2003;126:651-8

Respiratory distress syndrome

Exhaled carbon monoxide and inducible heme oxygenase expression in a rat model of postperfusion acute lung injury (Zegdi et al). 2003;126:1867-74

Surgical repair of acute type A aortic dissection: continuous pulmonary perfusion during retrograde cerebral perfusion prevents lung injury in a pilot study (De Santo et al). 2003;126:826-31

Respiratory system abnormalities

Benign intrapulmonary teratoma: report of a case (Eren et al). 2003;126:855-7 (Brief comm.)

Video-assisted thoracoscopic resection for intralobar pulmonary sequestration: single modality treatment with video-assisted thoracic surgery (Klena et al). 2003;126:857-9 (Brief comm.)

Respiratory tract neoplasms

A novel technique for light delivery through branched or bent anatomic structures (Friedberg et al). 2003;126:1963-7 (Evolving tech.)

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Chondrosarcoma arising in the trachea: a case report and review of the literature (Maish and Vapordyan). 2003; 126:2077-80 (Brief comm.)

Combined endovascular and video-assisted thoracoscopic procedure for treatment of a ruptured pulmonary arteriovenous fistula: case report and review of the literature (Litzler et al). 2003;126:1204-7 (Brief comm.)

Intralobar sequestration in the middle-aged and elderly adult: recognition and radiographic evaluation (Petersen et al). 2003;126:2086-9 (Brief comm.)

Posttraumatic and iatrogenic foreign bodies in the heart: report of fourteen cases and review of the literature (Dato et al). 2003;126:408-14

Solitary squamous papillomas of the bronchus: a rare case report and literature review (McNamee et al). 2003;126: 861-3 (Brief comm.)

Rheology

Immediate flow reserve of Y thoracic artery grafts: an intraoperative flowmetric study (Gaudino et al). 2003;126: 1076-9

Rheumatic heart disease

Long-term evaluation of Carpentier-Edwards porcine bioprosthesis for rheumatic heart disease (Yu et al). 2003; 126:80-9

Risk factors

Diabetes and evidence of atherosclerosis are major risk factors for adverse outcome after elective thoracic aortic surgery (Hagl et al). 2003;126:1005-12

Early and late stroke after mitral valve replacement with a mechanical prosthesis: risk factor analysis of a 24-year experience (Bando et al). 2003;126:358-64

Esophageal perforation during left atrial radiofrequency ablation: is the risk too high? (Gillinov et al) (Letter); (Doll et al) (Reply). 2003;126:1661-2

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Hypercholesterolemia is a risk factor for bioprosthetic valve calcification and explanation (Farivar and Cohn). 2003; 126:969-76

Retrograde cerebral perfusion: more risk than benefit? (Murkin). 2003;126:631-3 (Editorial)

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Risk factors for leg harvest surgical site infections after coronary artery bypass graft surgery (Olsen et al). 2003; 126:992-9

Risk factors of mortality and permanent neurologic injury in patients undergoing ascending aortic and arch repair (Czerny et al). 2003;126:1296-301

Robotics

Endoscopic, robotically assisted implantation of phrenic pacemakers (Morgan et al). 2003;126:582-3 (Brief comm.)

The Janus syndrome: a perspective on a new era of computer-enhanced robotic cardiac surgery (Boyd and Stahl). 2003; 126:625-30 (Editorial)

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Saphenous vein

Activation of mitogen-activated protein kinases during preparation of vein grafts and modulation by a synthetic inhibitor (Bizekis et al) 2003;126:659-665. Correction 2003; 126:1680

C-reactive protein activates the nuclear factor- κ B signal transduction pathway in saphenous vein endothelial cells: implications for atherosclerosis and restenosis (Verma et al). 2003;126:1886-91

Carbon dioxide embolism during endoscopic saphenous vein harvesting in coronary artery bypass surgery (Lin et al). 2003;126:2011-5

Factors affecting saphenous vein graft patency: clinical and angiographic study in 1402 symptomatic patients operated on between 1977 and 1999 (Shah et al). 2003;126:1972-7

The left anterior descending coronary artery is the best recipient (Zamvar and Sivaprakasam). 2003;126:923 (Letter)

Sarcoidosis

Ventricular assist surprise: giant cell myocarditis or sarcoidosis? (Stoica et al). 2003;126:2072-4 (Brief comm.)

Sepsis syndrome

Genetic control of postoperative systemic inflammatory reaction and pulmonary and renal complications after coronary artery surgery (Gaudino et al). 2003;126:1107-12

Inflammatory response to cardiac bypass in ewe fetuses: effects of steroid administration or continuous hemodiafiltration (Carotti et al). 2003;126:1839-50

Plasma levels of interleukin-8 and expression of interleukin-8 receptors on circulating neutrophils and monocytes after cardiopulmonary bypass in children (Gessler et al). 2003; 126:718-25

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Implantation of a left ventricular assist device and the hub-and-spoke system in treating acute cardiogenic shock: who survives? (Kherani et al). 2003;126:1634-5 (Brief comm.)

Long-term outcome after coronary artery bypass grafting in cardiogenic shock or cardiopulmonary resuscitation (Sergeant et al). 2003;126:1279-87

Restrictive mitral annuloplasty in refractory cardiogenic shock with acute postinfarction mitral insufficiency and intact papillary muscle (Braun et al). 2003;126:284-6 (Brief comm.)

Ventricular aneurysms, shock, and late follow-up in patients with heart failure (McCarthy). 2003;126:323-5 (Editorial)

Signal transduction

C-reactive protein activates the nuclear factor- κ B signal transduction pathway in saphenous vein endothelial cells: implications for atherosclerosis and restenosis (Verma et al). 2003;126:1886-91

Surgery modifies cardiac sensory transduction (Waldmann et al). 2003;126:1792-7

Simvastatin

Simvastatin ameliorates injury in an experimental model of lung ischemia-reperfusion (Naidu et al). 2003;126:482-9

Sinus syndromes

Unroofed coronary sinus syndrome: Diagnosis, classification, and surgical treatment (Ootaki et al). 2003;126:1655-6 (Brief comm.)

Sirolimus

Rapamycin has no effect on fibrosis-associated gene expression or extracellular matrix accumulation when administered to animals with established or early allograft vasculopathy (Murphy and Nicholson). 2003;126:2058-64

Skinner, David B.

David Bernt Skinner (1935-2003): a thoracic surgeon and something more (Altorki). 2003;126:1245-6 (In memoriam)

Sodium-hydrogen antiporter

Attenuation of postcardioplegia injury with inhibitors of the sodium-hydrogen exchanger (Vinten-Johansen and Mentzer). 2003;126:1265-7 (Editorial)

Direct inhibition of the sodium/hydrogen exchanger after prolonged regional ischemia improves contractility on reperfusion independent of myocardial viability (Yarbrough et al). 2003;126:1489-97

Impact of sodium-hydrogen exchange inhibition by cariporide on death or myocardial infarction in high-risk CABG surgery patients: results of the CABG surgery cohort of the GUARDIAN study (Boyce et al). 2003;126:420-7

Spinal cord ischemia

MCI-186 prevents spinal cord damage and affects enzyme levels of nitric oxide synthase and Cu/Zn superoxide dismutase after transient ischemia in rabbits (Takahashi et al). 2003;126:1461-6

Spondylitis, ankylosing

Decompressing manubriectomy under apneic oxygenation to release the median thoracic outlet compartment in Bechterew disease (Go et al). 2003;126:867-9 (Brief comm.)

Statistics

Problems with complication rate analysis (Horstkotte) (Letter); (Wu and Grunkemeier) (Reply). 2003;126:1668-70

Study design in valve surgery and outcome (Shuhaiber et al) (Letter); (Grunkemeier and Wu) (Reply). 2003;126:1660-1

Stem cell transplantation

Myogenesis after myocardial stem cell transplantation (Taheri) (Letter); (Chiu) (Reply). 2003;126:2116-7

Stem cells

Canine endothelial progenitor cell-lined hybrid vascular graft with nonthrombogenic potential (He et al). 2003;126:455-64

Cardiomyocyte-mediated contact programs human mesenchymal stem cells to express cardiogenic phenotype (Rangappa et al). 2003;126:124-32

Stents

Combined repair of an aortic arch aneurysm by sequential transposition of the supra-aortic branches and endovascular stent-graft placement (Czerny et al). 2003;126:916-8 (Brief comm.)

Complication of benign tracheobronchial strictures by self-expanding metal stents (Gaisert et al). 2003;126:744-7

Endovascular flexible stent grafting with arch vessel bypass for a case of aortic arch aneurysm (Nitta et al). 2003;126:1186-8 (Brief comm.)

Off-pump management of aortic arch aneurysm by using an endovascular thoracic stent graft (Dietl et al). 2003;126:1181-3 (Brief comm.)

Staged dilation and stenting for long segmental tracheobronchial stenosis caused by tuberculosis (Huang et al). 2003;126:2090-2 (Brief comm.)

Stent graft treatment for abdominal pseudoaneurysm near the celiac artery (Takahashi et al). 2003;126:600-2 (Brief comm.)

Sternum

Cervical cannulation for resternotomy in pediatric patients (Delius et al). 2003;126:2095-6 (Brief comm.)

Double crisscross sternal wiring and chest wound infections: a prospective randomized study (Bottio et al). 2003;126:1352-6

Laparoscopic omental flap for the treatment of major sternal wound infection after cardiac surgery (Puma et al). 2003;126:1998-2002

New material for reconstruction of the anterior chest wall, including the sternum (Watanabe et al). 2003;126:1212-4 (Brief comm.)

Stromal cells

Transcoronary implantation of bone marrow stromal cells ameliorates cardiac function after myocardial infarction (Saito et al). 2003;126:114-23

Superior vena cava syndrome

Inflammatory myofibroblastic tumor of the mediastinum presenting as superior vena cava syndrome (Yamaguchi et al). 2003;126:870-2 (Brief comm.)

Superoxide dismutase

MCI-186 prevents spinal cord damage and affects enzyme levels of nitric oxide synthase and Cu/Zn superoxide dis-

mutase after transient ischemia in rabbits (Takahashi et al). 2003;126:1461-6

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Totally endoscopic atrial septal repair in adults with computer-enhanced telemomanipulation (Wimmer-Greinecker et al). 2003;126:465-8 (Evolving tech.)

Surgery for Acquired Cardiovascular Disease

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Surgical equipment

Authors should list confounding factors and alternative explanations for adverse events seen with new technologies (Anyanwu) (Letter); (Hornik) (Reply). 2003;126:1663-4

Chronic and adjustable pulmonary artery banding: reflections on old knowledge (Sievers) (Letter); (Leeuwenburgh et al) (Reply). 2003;126:2104-6

Clinical and six-month angiographic evaluation of coronary arterial graft interrupted anastomoses by use of a self-closing clip device: a multicenter prospective clinical trial (Wolf et al). 2003;126:168-78

Combined use of off-pump techniques and a sutureless proximal aortic anastomotic device reduces cerebral microemboli generation during coronary artery bypass grafting (Scarborough et al). 2003;126:1561-7 (Evolving tech.)

Coronary anastomotic devices: blood-exposed non-intimal surface and coronary wall stress (Scheltes et al). 2003; 126:191-9 (Evolving tech.)

Evaluation of a novel sutureless anastomotic connector: from endothelial function to mid-term clinical and angiographic follow-up (Verma et al). 2003;126:1555-60 (Evolving tech.)

Facilitated endoscopic beating heart coronary artery bypass grafting using a magnetic coupling device (Falk et al). 2003;126:1575-9 (Evolving tech.)

Gelatin sheet incorporating basic fibroblast growth factor enhances sternal healing after harvesting bilateral internal thoracic arteries (Iwakura et al). 2003;126:1113-20

Global surgical experience with the Acorn cardiac support device (Oz et al). 2003;126:983-91

Left ventricular systolic performance in failing heart improved acutely by left ventricular reshaping (He et al). 2003;126:56-65

Magnetic vascular coupling for distal anastomosis in coronary artery bypass grafting: a multicenter trial (Klima et al). 2003;126:1568-74 (Evolving tech.)

Mitral valve replacement by a Gore-Tex reinforced pulmonary autograft in a child (Yamagishi et al). 2003;126: 1218-9 (Brief comm.)

A new device for beating heart bipolar radiofrequency atrial ablation (Bonanomi et al). 2003;126:1859-66

New material for reconstruction of the anterior chest wall, including the sternum (Watanabe et al). 2003;126:1212-4 (Brief comm.)

Nickel allergy to the percutaneous patent foramen ovale occluder and subsequent systemic nickel allergy (Dasika and Kanter). 2003;126:2112 (Letter)

Perventricular device closure of muscular ventricular septal defects on the beating heart: technique and results (Bacha et al). 2003;126:1718-23

Vacuum-assisted venous return reduces blood usage (Bansbury et al). 2003;126:680-7

Videothoracoscopic extrapleural insertion of Walter Lorenz Surgical bar for pectus excavatum (Hernández et al). 2003;126:2081-2 (Brief comm.)

Surgical flaps

Laparoscopic omental flap for the treatment of major sternal wound infection after cardiac surgery (Puma et al). 2003; 126:1998-2002

Use of autologous pleural flap buttress in thoracoscopic lung volume reduction surgery (Lee et al). 2003;126:298-9 (Brief comm.)

Surgical instruments

Combination of the HEARTSTRING proximal seal system with a blower mister: a possible source of gas emboli (Nollert et al). 2003;126:1192-4 (Brief comm.)

New lead for in utero pacing for fetal congenital heart block (Assad et al). 2003;126:300-2 (Brief comm.)

A self-retaining retractor for the maze procedure (Gillinov). 2003;126:287-8 (Brief comm.)

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Surgical procedures, minimally invasive; *see also* Endoscopy; Robotics

Efficacy and safety of single-trocar technique for minimally invasive surgery of the chest in the treatment of noncomplex pleural disease (Migliore). 2003;126:1618-23

Minimally invasive mitral valve repair suggests earlier operations for mitral valve disease (Greelish et al). 2003;126: 365-73

Survival rate; *see also* Follow-up studies

Emergency hospital admissions and three-year survival of adults with and without cardiovascular surgery for congenital cardiac disease (Kaemmerer et al). 2003;126:1048-52

Factors affecting late survival rate after surgical remodeling of left ventricular aneurysms (Bolooki et al). 2003;126: 374-85

Implantation of a left ventricular assist device and the hub-and-spoke system in treating acute cardiogenic shock: who survives? (Kherani et al). 2003;126:1634-5 (Brief comm.)

The influence of blood transfusion on survival in operated non-small cell lung cancer patients (Rzyman et al). 2003; 126:755-60

Insertion of a left ventricular assist device in patients without thorough transplant evaluations: a worthwhile risk? (Williams et al). 2003;126:436-41

Long-term survival and prognostic factors of five-year survivors with complete resection of non-small cell carcinoma (Okada et al). 2003;126:558-62

- Prognostic factors and survival after complete resection of pulmonary metastases from colorectal carcinoma: experiences in 167 patients (Pfannschmidt et al). 2003;126: 732-9
- Prognostic significance of elevated creatine kinase MB after coronary bypass surgery and after an acute coronary syndrome: results from the GUARDIAN trial (Gavard et al). 2003;126:807-13
- Prosthesis size and long-term survival after aortic valve replacement (Blackstone et al). 2003;126:783-96
- Reoperations and survival after primary repair of congenital heart defects in children (Monro et al). 2003;126:511-20
- Survival benefit of lung transplantation for patients with idiopathic pulmonary fibrosis (Thabut et al). 2003;126: 469-75
- Survival following intensive preoperative combined modality therapy with paclitaxel, cisplatin, 5-fluorouracil, and radiation in resectable esophageal carcinomas: a phase I report (Goldberg et al). 2003;126:1168-73
- Syphilis, cardiovascular**
- Syphilitic aortic aneurysm: a rare case of tracheomalacia (Pacini et al). 2003;126:900-2 (Brief comm.)
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- Tachycardia**
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- Teratoma**
- Benign intrapulmonary teratoma: report of a case (Eren et al). 2003;126:855-7 (Brief comm.)
- Tetralogy of Fallot**
- Influence of chromosome 22q11.2 microdeletion on surgical outcome after treatment of tetralogy of Fallot with pulmonary atresia (Carotti et al). 2003;126:1666-7 (Letter)
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- Thoracic arteries**
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- Noninvasive evaluation of internal thoracic artery and left anterior descending coronary artery anastomotic sites using transthoracic Doppler echocardiography: comparison with coronary arteriography (Hirata et al). 2003;126:1080-6
- Radial versus right internal thoracic artery as a second arterial conduit for coronary surgery: early and midterm outcomes (Caputo et al). 2003;126:39-47
- Radial versus right internal thoracic artery as a second arterial conduit for coronary surgery: early and midterm outcomes (Lytle). 2003;126:5-6 (Editorial)
- In situ retrocaval skeletonized right internal thoracic artery anastomosed to the circumflex system via transverse sinus: technical aspects and postoperative outcome (Bonacchi et al). 2003;126:1302-13
- Skeletonization of bilateral internal thoracic artery grafts lowers the risk of sternal infection in patients with diabetes (Peterson et al). 2003;126:1314-9
- Thoracic duct**
- A giant gastroenteric cyst associated with pectus excavatum and compression of the thoracic duct: a case report (Reisl et al). 2003;126:584-5 (Brief comm.)
- Thoracic neoplasms**
- In vivo gene transfer of pigment epithelium-derived factor inhibits tumor growth in syngeneic murine models of thoracic malignancies (Mahtabifard et al). 2003;126:28-38
- Thoracic surgery**
- Apolipoprotein E genotype and neurodevelopmental sequelae of infant cardiac surgery (Gaynor et al). 2003;126:1736-45
- Asymptomatic mitral valve incompetence: is there evidence for surgery? (Shubaiber) (Letter); (David et al) (Reply). 2003;126:2117-9
- Can particulate extraction from the ascending aorta reduce neurologic injury in cardiac surgery? (Schmitz et al). 2003;126:1829-38
- Clinical-pathologic conference in general thoracic surgery: pulmonary blastoma (Force and Patterson). 2003;126:1247-50
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- Finding our way from the heart to the head (Petrucci). 2003; 126:944-6 (Editorial)
- Generation of platelet-derived microparticles in patients undergoing cardiac surgery is not affected by complement activation (van den Goor et al). 2003;126:1101-6
- Improved pain control after cardiac surgery: results of a randomized, double-blind, clinical trial (Dowling et al). 2003;126:1271-8
- The Janus syndrome: a perspective on a new era of computer-enhanced robotic cardiac surgery (Boyd and Stahl). 2003; 126:625-30 (Editorial)
- A milestone in cardiovascular surgery (Cooley). 2003;126: 1243-4 (Hon. guest's address)
- No pain, much gain? (Schwann and Chaney). 2003;126: 1261-4 (Editorial)
- Postoperative hypoxia is a contributory factor to cognitive impairment after cardiac surgery (Browne et al). 2003; 126:1061-4

- Pyrexia after cardiac surgery: natural history and association with infection (Lim et al). 2003;126:1013-7
- Robotic cardiac surgery: Quo vadis? (Robicsek). 2003;126: 623-4 (Editorial)
- Surgery modifies cardiac sensory transduction (Waldmann et al). 2003;126:1792-7
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- Thoracic surgical procedures;** *see also* Cardiac surgical procedures; *specific procedure*
- The clamshell approach for the treatment of extensive thoracic aortic disease (Doss et al). 2003;126:814-7
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