

CLEVELAND CLINIC QUARTERLY

Volume 51

Number 1

Spring 1984

I. Selected Papers in Cardiology

Special Article

- Variations on a theme from Heberden: symptoms in angina pectoris**
William L. Proudfit, M.D.

1

Original Contributions

- Value and limitations of two-dimensional echocardiography for the detection of left main coronary artery disease**

Ricardo Ronderos, M.D., Ernesto E. Salcedo, M.D., John R. Kramer, M.D., Conrad C. Simpfendorfer, M.D., and Earl K. Shirey, M.D.

7

- Causes of false-positive thallium-201 images in the diagnosis of coronary artery disease**

William A. Schiavone, D.O., Donald A. Underwood, M.D., Raymundo T. Go, M.D., James K. O'Donnell, M.D., and William J. MacIntyre, M.D.

13

- Digital subtraction angiography to assess the results of operative repair in infants with hypoplastic right and left heart syndromes**

Douglas S. Moodie, M.D., Richard Sterba, M.D., Carl C. Gill, M.D., John Yiannikas, M.D., and Edward Buonocore, M.D.

19

- Surgical treatment of idiopathic hypertrophic subaortic stenosis with other cardiac pathology**

Andrew M. Duda, M.D., Carl C. Gill, M.D., Hidemasa Kitazume, M.D., Douglas S. Moodie, M.D., and Floyd D. Loop, M.D.

27

- The prevalence of myocardial bridging and septal squeeze in patients with significant aortic stenosis**

John R. Kramer, M.D., Hidemasa Kitazume, M.D., Dan Krauthamer, M.D., Namburu V. Ramana Raju, M.D., Floyd D. Loop, M.D., and William L. Proudfit, M.D.

35

- Constrictive pericarditis following cardiac surgery—Cleveland Clinic experience: report of 12 cases and review**

Amy S.H. Ng, M.D., Khosrow Dorosti, M.D., and William C. Sheldon, M.D.

39

- Electrophysiologic determinants and clinical experience in termination of sustained ventricular tachycardia**

Kenneth V. Adams, M.D., Namburu V.R. Raju, M.D., Richard Sterba, M.D., Lon W. Castle, M.D., Victor A. Morant, M.D., and James D. Maloney, M.D.

47

- Ventricular arrhythmias and serum potassium: is there a correlation in the arrhythmic patient?**

Robert Detrano, M.D., Ph.D., James D. Maloney, M.D., and Judy Leatherman, B.S.

55

- Anesthesia for patients with mitral valve disease secondary to rheumatic and coronary artery disease**

Jean-Pierre Yared, M.D., Fawzy G. Estafanous, M.D., and Andrew M. Zurick, M.D.

59

Review Article

- Sudden death in hypertrophic cardiomyopathy**

Harry M. Lever, M.D., William A. Schiavone, D.O., and Carl C. Gill, M.D.

65

Case Reports

Exertional angina pectoris associated with post-exercise ST segment elevation and nearly normal coronary arteries	71
H. David Millit, M.D., Rajesh Gaglani, M.D., and James P. Antalis, M.D.	
Recurrent sinus of Valsalva aneurysm with right ventricular outflow tract obstruction	77
John H. Ellis, M.D., Robert E. Hobbs, M.D., Douglas S. Moodie, M.D., John Yiannikas, M.D., and Carl C. Gill, M.D.	
Cardiac rhabdomyosarcoma: case report with review of clinical and pathologic features	83
Richard C. Becker, M.D., Robert E. Hobbs, M.D., and Norman B. Ratliff, M.D.	
Cardiac involvement in polymyositis: a case report and review of the literature	89
N.V. Ramana Raju, M.D., Neil Hart, M.D., James Maloney, M.D., Adnan Zaidi, M.D., and Kenneth Adams, M.D.	
II. Advances in Artificial Organs	
The artificial organs program at The Cleveland Clinic Foundation: past, present, and future	93
Yukihiko Nose, M.D., Ph.D.	
Cardiac prostheses: toward permanent implantation	105
Helen Kambic, M.S., Shun Murabayashi, Ph.D., Gordon Jacobs, M.S., Raymond J. Kiraly, M.S., Hiroaki Harasaki, M.D., Ph.D., Leonard A.R. Golding, M.D., and Yukihiko Nose, M.D., Ph.D.	
Preclinical evaluation of a biolized temporary ventricular assist device	119
Ryohei Yozu, M.D., Leonard A.R. Golding, M.D., Gordon Jacobs, M.S., Shun Murabayashi, Ph.D., Hiroaki Harasaki, M.D., Ph.D., Raymond J. Kiraly, M.S., and Yukihiko Nose, M.D., Ph.D.	
Macromolecular solute kinetics in on-line membrane plasma treatment systems	127
Paul S. Malchesky, D.Eng., Jeffery J. Starre, Jan Wojcicki, Ph.D., Andrzej Werynski, Ph.D., James W. Smith, M.D., Ph.D., Yasuhisa Abe, M.D., and Yukihiko Nose, M.D., Ph.D.	
Membrane plasmapheresis and the developing technology of plasma therapy	135
James W. Smith, M.D., Ph.D., Paul S. Malchesky, D.Eng., and Yukihiko Nose, M.D., Ph.D.	
III. Articles and Features of General Interest	
Original Contributions	
The influence of autotransfusion on homologous blood requirements during aortic reconstruction	143
Robert F. Cali, M.D., Patrick J. O'Hara, M.D., Norman R. Hertzler, M.D., James T. Diehl, M.D., and Edwin G. Beven, M.D.	
Percutaneous transluminal angioplasty: review of iliac and femoral dilatations at the Cleveland Clinic	149
Robert A. Graor, M.D., Jess R. Young, M.D., Marian McCandless, R.N., Claudia Swift, R.N., James A.M. Smith, D.O., William F. Ruschaupt, M.D., Barbara Risius, M.D., and Margaret G. Zelch, M.D.	

A clinical vignette: the clinical significance of systolic-diastolic bruits in the carotid arteries

- Robert A. Graor, M.D., Victor G. de Wolfe, M.D., and Ian Elliott, M.D. 155

Subclavian vein thrombophlebitis: complication of total parenteral nutrition (TPN)

- José M. Soto-Velasco, M.D., Ezra Steiger, M.D., John L. Rombeau, M.D., David G. Jagelman, M.D., and Faith Srp, R.N. 159

Clinical features and follow-up of surreptitious laxative users

- Peter H. Slugg, M.D., and William D. Carey, M.D. 167

Case Report**Aneurysm of an aberrant right subclavian artery: repair using circulatory arrest**

- Richard G. Baillot, M.D., Edwin G. Beven, M.D., and Delos M. Cosgrove, M.D. 173

Clinical Pharmacology Update**Editorial: Clinical pharmacology update**

- Donald G. Vidt, M.D., and Alan W. Bakst, Pharm. D., R.Ph. 177

Newer agents in the treatment of arterial hypertension

- Michael D. Cressman, D.O., and Donald G. Vidt, M.D. 179

Pathology Feature**Silicone pericarditis**

- Norman B. Ratliff, M.D., James T. McMahon, Ph.D., Earl K. Shirey, M.D., and Laurence K. Groves, M.D. 185

Book Review**Anorexia Nervosa: A Comprehensive Approach**, edited by Meir Gross, M.D.

- Reviewed by Moshe Torem, M.D. 191