

**SPECIAL ARTICLE**

- The Changing Mission and Status of Surgery: 1780 to 1980** ..... 1013  
Francis D. Moore, MD, Boston

**PAPERS READ BEFORE THE NINTH ANNUAL MEETING OF THE NEW ENGLAND SOCIETY FOR VASCULAR SURGERY, BRETTON WOODS, NH, OCT 14-15, 1982****Presidential Address**

- Plaques and Platelets: The Vascular Surgeon's Challenge and Dilemma** ..... 1019  
Rodger E. Weismann, MD, White River Junction, Vt

- The Noninvasive Venous Vascular Laboratory: A Prospective Analysis** ..... 1024  
John C. Russell, MD, Donald R. Becker, MD, Hartford, Conn  
Noninvasive venous studies help to detect proximal deep-vein thrombosis but not isolated calf vein thrombosis.  
Editorial comment by Gardner W. Smith, MD, Baltimore

- The Place of Abdominal Aortography in Abdominal Aortic Aneurysm Resection** ..... 1029  
Nathan P. Couch, MD; John O'Mahony, MB, FRCSI; Andrew McIrvine, MB, FRCS;  
Anthony D. Whittemore, MD; Julie A. Lombara; John A. Mannick, MD, Boston  
Seven aortograms were performed for each one that effected a change in procedure.

- Coexistent Carotid and Coronary Artery Disease: Surgical Management** ..... 1035  
Robert W. Emery, MD; Lawrence H. Cohn, MD; Anthony D. Whittemore, MD;  
John A. Mannick, MD; Nathan P. Couch, MD; John J. Collins, Jr, MD, Boston  
Concomitant coronary artery and carotid artery operations are recommended for patients with hemodynamically significant carotid lesions.

- Femoropopliteal and Tibioperoneal Artery Reconstruction Using Human Umbilical Vein** ..... 1039  
Jay G. Robison, MD; David C. Brewster, MD; William M. Abbott, MD; R. Clement Darling, MD, Boston  
Human umbilical vein grafts functioned better than PTFE grafts in below-the-knee anastomoses and in poor runoff situations.

- Femoropopliteal Graft Failures: Clinical Consequences and Success of Secondary Reconstructions** ..... 1043  
David C. Brewster, MD; Andre J. LaSalle, MD; Jay G. Robison, MD;  
Earl C. Strayhorn, MD; R. Clement Darling, MD, Boston  
Secondary attempts at revascularization achieved limb salvage in 52% of such procedures.

- The Natural History of Carotid Plaque Development** ..... 1048  
Alfred V. Persson, MD; Wayne T. Robichaux, MD;  
Mark Silverman, MD, Burlington, Mass  
Intraplaque hemorrhage is a primary precipitating event in producing significant carotid narrowing.

**ORIGINAL ARTICLES**

- Cholecystectomy Concomitant With Other Intra-abdominal Operations: Assessment of Risk** ..... 1059  
Paul J. Kovalcik, MD; Michael J. Burrell, MD; W. Levi Old, Jr, MD, Norfolk, Va  
Complications and mortality were increased when cholecystectomy was combined with other abdominal procedures.

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