



**INSTITUT DE
CARDIOLOGIE
DE MONTRÉAL**

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PRESS RELEASE
For immediate release

Canadian leader in transoesophageal echocardiography
**The Montreal Heart Institute presents
a world-wide reference work**

Montreal, December 8, 2010 – Dr. Pierre Couture, Dr. André Denault and Dr. Jean-Claude Tardif of the Montreal Heart Institute (MHI), with the participation of Dr. Annette Vegas from the Toronto General Hospital, and Dr. Jean Buithieu from the McGill University Health Centre, have completed the second edition of the *Transœsophageal Echocardiography Multimedia Manual*. The MHI is proud to have initiated this reference document project, which includes 85 authors from five countries and is available throughout the world.

“The first edition positioned the Montreal Heart Institute as the Canadian leader in transoesophageal echocardiography, and even resulted in a three-year waiting list for the MHI cardiovascular anaesthesiology postdoctoral training,” explained Dr. André Denault, Anaesthesiologist and initiator of the project. “Naturally, this second edition, on which we have been working for five years, has a promising future. It is a reference document for all specialists who wish to develop their expertise in this field.”

The volume illustrates the new developments and challenges faced by anaesthesiologists, cardiologists, cardiac surgeons, critical care physician and those interested in perioperative transoesophageal echocardiography (TEE), not only before, during and after cardiac surgery, but also for its applications in hemodynamics and electrophysiology and for major non-cardiac surgical interventions such as liver or lung transplants. The volume also covers taking charge of critical patients by intensive care specialists.

Compared to traditional echocardiography, in transoesophageal echocardiography, an echographic probe is introduced through the mouth and into the oesophagus. In the operating room, access to the thorax is often limited due to sterility issues or for other technical reasons. Accordingly, TEE has become the instrument of choice for monitoring and diagnosing various causes of hemodynamic instability in the operating room, particularly during cardiac surgery.

The contents of this manual were determined according to the transoesophageal echocardiography certification examination of the American National Board of Echocardiography. The certificate issued by this organization indicates the specialist’s skill in using a TEE apparatus in a surgical environment.



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With over 900 high resolution images, this colour volume contains 823 pages and 31 chapters. Over one-quarter of the authors are MHI specialists. The book is accompanied by a DVD which contains over 1000 echocardiographic video clips, as well as hemodynamic, anatomic, radiological and intraoperative clips as well as 3D animations.

A large portion of this unique teaching tool was financed by the foundation of the MHI.

The Montreal Heart Institute

Founded in 1954 by Dr. Paul David, the Montreal Heart Institute constantly targets the highest standards of excellence in the cardiovascular field through its leadership in prevention, its ultra-specialized care, professional training, clinical and basic research and in evaluating new technologies. It is part of the vast network of excellence in health created by the *Université de Montréal* and its affiliated institutions.

To find out more about the Institute, visit our website at: www.icm-mhi.org.

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