

## Course Overview & Objectives

This course is designed for physician assistants to provide information and hands-on experience in invasive skills encountered in clinical practice. Invasive and non-invasive procedures will be presented, including their indications and complications. The structure will be lectures and small group, hands-on lab stations in a state-of-the-art industry facility. A combination of didactic, live animal models and hands-on with equipment will be used. A certificate of completion will be awarded by the APACVS when course objectives are satisfactorily completed.

## Program Coordinator

**David Lizotte, Jr., PA-C, MPAS**  
APACVS Member-at-Large  
APACVS Chair, CME Committee

## APACVS Office

P.O. Box 4834, Englewood, CO 80155  
Phone: 877-221-5651  
Fax: 303-771-2550

## CME

CME accreditation has been applied for through the AAPA for 18.5 hours of clinical Category 1 CME.

## Course Location

Unless otherwise specified, all course events will take place at the Medtronic facility.

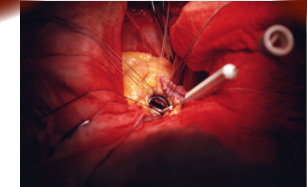
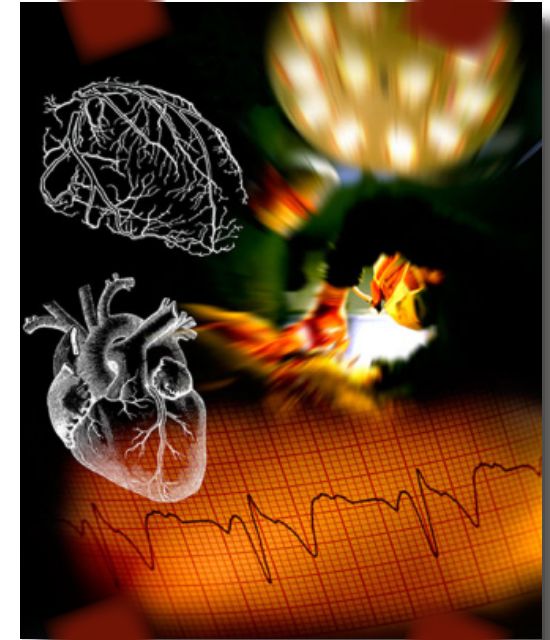
**Medtronic Training Facility**  
Minneapolis, MN



Association of Physician Assistants in Cardiovascular Surgery  
P.O. Box 4834  
Englewood, CO 80155



APACVS Fourth Annual



## Certificate of Completion in Invasive Skills Course

April 3 & 4, 2008  
Medtronic Training Facility  
Minneapolis, MN

*This course is supported by*

**Medtronic**

## Hotel & Transportation

The APACVS will have a room block at the Renaissance-Depot Minneapolis for \$174/night (plus tax). The cut-off date is **3/3/08**. Reservations after this are subject to availability. Please contact the hotel directly:

**Depot Minneapolis**  
225 3rd Ave. S.  
Minneapolis, MN 55401  
(612)375-1700 or 1-866-211-4611

Transportation will be provided between the hotel and the Medtronic facility. (Details will follow in confirmation information.)

## Registration

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

NCCPA #: \_\_\_\_\_

*Registration is limited to NCCPA certified PAs.*

Course Meals: (select one)

Kosher  Vegetarian  Standard

Scrub Size: (select one)

Small  Medium  Large  Extra Large

Cost: \$400 APACVS Members / \$550 Nonmembers

*Registrations are not refundable.*

MasterCard  Visa  Exp: \_\_\_\_\_

Card #: \_\_\_\_\_

Checks may be mailed to the APACVS:  
P.O. Box 4834, Englewood, CO 80155

Information: 877-221-5651  
APACVS FAX: 303-771-2550

**Space is limited. Register today!**

## Agenda: Thursday, April 3, 2008

- 7:00 AM Registration & Continental Breakfast  
7:25 AM Welcome  
7:30 AM **Indications, Techniques & Complications of the following:**  
*Internal Jugular Cordis Insertion*  
*Swan-Ganz Placement*  
*Central Venous Line Insertion*  
*Chest Tube Insertion*  
*Thoracentesis*  
*Arterial Line Insertion*
- 9:30 **Break**  
9:45 AM **Critical Care:**  
*Hemodynamics*
- 11:30 AM **Lunch**  
12:00 PM **Understanding of Transesophageal Echocardiography**
- 1:45 PM **Break**  
2:00 PM **Radiologic Interpretation of the Following:**  
*Chest X-Rays*  
*Abdominal X-rays*  
*CT Scans of Head, Chest and Abdomen*
- 4:00 PM **Indications, Techniques & Complications:**  
*Temporary External Pacemaker Devices*
- 5:00 PM **Adjourn**

## Agenda: Friday, April 4, 2008

### Track 1

- 7:00 AM Continental Breakfast  
7:30 AM **Lab I Stations: Animal Lab**  
*Internal Jugular Cordis Insertion*  
*Swan-Ganz Placement*  
*Central Venous Line Insertion*  
*Chest Tube Insertion*  
*Thoracentesis*  
*Arterial Line Insertion*
- 11:30 AM **Lunch**  
12:30 PM **Indications, Techniques & Complications:**  
*Ventricular Assist Devices*
- 1:30 PM **Indications, Techniques, & Complications:**  
*Intra-aortic Balloon Pumps*  
*(Lunch is provided for meeting attendees.)*

- 2:30 PM **Lab II Stations**  
*Intra-Aortic Balloon Pump*  
*(Beginner/Advanced station)*  
*Temporary Pacemaker Device*  
*Ventricular Assist Device*
- 4:30 PM **Awarding of Certificates**  
**Adjourn**

### TRACK 2

- 7:00 AM Continental Breakfast  
7:30 AM **Indications, Techniques & Complications:**  
*Ventricular Assist Devices*
- 8:30 AM **Indications, Techniques & Complications:**  
*Intra-aortic Balloon Pumps*
- 9:30 AM **Lab II Stations**  
*Intra-Aortic Balloon Pump*  
*(Beginner/Advanced station)*  
*Temporary Pacemaker Device*  
*Ventricular Assist Device*
- 11:30 AM **Lunch**  
*(Provided for all attendees)*
- 2:30 PM **Lab I Stations: Animal Lab**  
*Internal Jugular Cordis Insertion*  
*Swan-Ganz Placement*  
*Central Venous Line Insertion*  
*Chest Tube Insertion*  
*Thoracentesis*  
*Arterial Line Insertion*
- 4:30 PM **Awarding of Certificates**  
**Adjourn**

