CO₂ Angiography Society Annual Conference
The Roosevelt Hotel | New Orleans | June 4, 2016

Chairmen
James G. Caridi, MD, FSIR | Craig M. Walker, MD

co2angio.org
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OVERVIEW

Physicians can use CO₂ with more confidence due to technological advancements and improved methods of safe delivery. Extensive training of the uses of CO₂ to improve patient care is warranted as physicians seek to provide the highest quality of care in the most economical environment.

STATEMENT OF NEED

This educational activity will address the unique and complicated healthcare needs of those with renal insufficiency and allergy to iodinated contrast as well of the many disease entities where typical liquid contrast fails in the diagnosis and/or treatment.

GOAL

The goal of this activity is to increase physician knowledge and skills regarding the most appropriate uses of CO₂.

TARGET AUDIENCE

This course is designed for physicians, nurses, and allied health professionals in the fields of radiology, cardiology, nephrology, vascular and transplant surgery and interventional radiology, both in training and in practice.

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be better able to:

• Describe the medical indications for the appropriate uses of CO₂ as a vascular imaging agent
• Discuss how to safely deliver intravascular CO₂ for imaging
• Indicate the uses of intravascular CO₂ in a variety of procedures
• Describe CO₂ utilization when contrast has failed
• Determine cost reduction benefits when using CO₂
• Discuss the history, science, and future of CO₂ as an imaging agent

PREDICTED OUTCOMES

Predicted changes in practice as a result of this activity may include the ability to:

• Increase their utilization of CO₂ for various procedures
• Employ strict safety protocols when using CO₂
• Experience cost reduction of patient services will be experienced when delivering CO₂
**PHYSICIAN ACCREDITATION STATEMENT**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through a joint sponsorship with the New Cardiovascular Horizons Foundation.

**PHYSICIAN CREDIT DESIGNATION**

Continuing Medical Education Resources, Inc. designates this live activity for a maximum of 3.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Fee Information and Refund/Cancellation Policy

There is a $199 Early Bird Registration, $299 Advance Registration or $399 Onsite Registration fee for this educational activity.

Cancellations made in writing and/or postmarked by Friday, April 8, 2016 will receive a full refund less a $75 administrative fee. Cancellations made in writing and/or postmarked by Friday, May 6, 2016 will receive a 50% refund. No refunds after Friday, May 6, 2015. No refunds for “no shows.”

**PLANNER DISCLOSURES**

All planners and staff for this activity have indicated that they have no financial relationships with commercial interests to disclose in regard to their participation in this continuing medical education activity.

**DISCLOSURE OF CONFLICTS OF INTEREST**

New Cardiovascular Horizons Foundation requires instructors, planners, managers and other individuals and their spouse/life partner who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by NCVH for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Faculty Disclosure</th>
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</thead>
<tbody>
<tr>
<td>James Caridi, MD</td>
<td>Consultant - I am a consultant for AngioAdvancements</td>
</tr>
<tr>
<td>Kyung Cho, MD</td>
<td>Nothing to disclose</td>
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<tr>
<td>Hector Ferral, MD</td>
<td>Nothing to disclose at time of print</td>
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<tr>
<td>Owen Mogabgab, MD</td>
<td>Nothing to disclose at time of print</td>
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<tr>
<td>Daniel Simon, MD</td>
<td>Nothing to disclose at time of print</td>
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<tr>
<td>Karl Stark, MD</td>
<td>Nothing to disclose at time of print</td>
</tr>
<tr>
<td>Craig Walker, MD</td>
<td>Consultant - Cook Medical, Spectranetics</td>
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</table>
DISCLAIMER

Participants have an implied responsibility to use the newly-acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed in this activity should not be used by clinicians without evaluation of patient conditions and possible contraindications on dangers in use, review of any applicable manufacturer’s product information, and comparison with recommendations of other authorities.

DISCLOSURE OF UNLABELED USE

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. New Cardiovascular Horizons Foundation does not recommend the use of any agent outside of the labeled indications.

The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of any organization associated with this activity. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

CERTIFICATE INSTRUCTIONS

If you have any questions regarding accreditation or certificates, please contact us at info@ncvh.org.

Physical accreditation certificates will not be issued at this conference; they will be available the five (5) after the conference.

You can log in to the NCVH portal and download your CME/CE certificates at ncvh.org/login.

PHOTOGRAPHY

Please be advised that photographs may be taken at the meeting for use:
- On the conference website and on conference social media pages.
- In the press, including marketing materials and publications distributed to the public.

By entering the meeting, you consent to the use of your image and likeness for the purposes mentioned above.
### AGENDA

**CO₂ ANGIOGRAPHY ANNUAL CONFERENCE**  
8:00 AM - 12:00 PM  
MODERATOR: JAMES CARIDI, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Welcome and Opening Remarks</td>
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<tr>
<td></td>
<td>JAMES CARIDI, MD</td>
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<tr>
<td>8:05 AM</td>
<td>Contrast Induced Nephropathy at What Cost?</td>
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<td>CRAIG WALKER, MD</td>
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<tr>
<td>8:30 AM</td>
<td>History and Science of CO₂ Digital Subtraction Angiography</td>
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<td>KYUNG CHO, MD</td>
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<td>9:00 AM</td>
<td>CO₂ Digital Subtraction Angiography for Diagnosis and Intervention:</td>
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<td>Indications and Contraindications</td>
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<td></td>
<td>JAMES CARIDI, MD</td>
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<tr>
<td>9:30 AM</td>
<td>CO₂ Use in Endografts</td>
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<td>KARL STARK, MD</td>
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<td>10:00 AM</td>
<td>Break/Exhibits</td>
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<tr>
<td>10:15 AM</td>
<td>CO₂ Digital Subtraction Angiography in Peripheral Vascular Disease</td>
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<td>OWEN MOGABGAB, MD</td>
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<td>10:35 AM</td>
<td>CO₂ Digital Subtraction Angiography in Venous</td>
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<td>Diagnosis and Intervention</td>
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<td>HECTOR FERRAL, MD</td>
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<tr>
<td>10:55 AM</td>
<td>CO₂ Digital Subtraction Angiography in Dialysis:</td>
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<td>Do’s and Don’ts</td>
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<td>DANIEL SIMON, MD</td>
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<tr>
<td>11:15 AM</td>
<td>CO₂ Angiography Case Studies</td>
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<td></td>
<td>JAMES CARIDI, MD</td>
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<tr>
<td>12:00 PM</td>
<td>Adjourn</td>
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**CO₂ ANGIOGRAPHY ANNUAL CONFERENCE**
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EXHIBITORS

GOLD

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Bard Peripheral Vascular

SUPPORTER

Argon Medical Devices

BREAK SPONSOR

GaltNeedleTech
AngioAdvancements offers proprietary medical devices designed to manage and deliver medical gases. The AngiAssist® Medical Gas Management System and the Co2mmander® Portable Medical CO2 Delivery System solve the issues that previously existed in the management of CO2 gas. Each product is manufactured in the US and reduces the overall total cost of an episode of care. The Co2mmander® and AngiAssist have CE for EU market.

Argon Medical Devices
argonmedical.com

Argon is a global manufacturer of specialty medical products headquartered in Plano, Texas, USA. Argon offers a broad line of medical devices for Interventional Radiology, Vascular Surgery, Interventional Cardiology and Critical Care procedures. The Company’s products are sold globally through a combination of direct sales representatives and premier distributors.

Bard Peripheral Vascular
bardpv.com

Bard Peripheral Vascular is a leading medical device company that specializes in treatment of stenoses of the vascular system among other diseases. The product portfolio includes the Lutonix™ Drug Coated Balloon, which offers a full size product matrix to treat peripheral, coronary, and dialysis access lesions. Additional products include Crosser® CTO Recanalization Catheter which utilizes high frequency vibration to facilitate central lumen CTO recanalization; LifeStent® Solo™ Vascular Stent System with the longest stent lengths on the market.

GaltNeedletech

Description not available at time of publication.
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Next Year

2017
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