6th Annual Echo Alaska™
Appropriate Use of Cardiovascular Ultrasound in Clinical Cardiology
August 2-9, 2009
Presented Aboard Norwegian Pearl

What is New?
• Case Based Approach to Highlight Utility of Cardiovascular Ultrasound in Clinical Cardiology
• Basic and Advanced Hemodynamics in the Echocardiography Laboratory
• 3-D Echocardiography

Topics to Be Covered:
• Valvular Heart Disease
• Ischemic Heart Disease
• Heart Failure
• Myocardial/Pericardial Disease
• Contrast Enhanced Imaging

Program Directors:
Bijoy K. Khandheria, M.D., FESC, FACC, FASE
A. Jamil Tajik, M.D., FACC
James B. Seward, M.D., FACC, FASE

Special Features:
• Reduced Registration for ASE Members
• Special Cruise Rates
• Preferred Cabins for Registered Participants
• Credits for Physicians and Sonographers (CME, ARDNS, CCI)

Limited Registration!
For best cabin selection, register early!
Call 651-287-4991 or 651-287-4900 or E-mail ultraecho@ctsinc.com

19.5 CME HOURS

Jointly Sponsored by:
American Society of Echocardiography and UltraEcho, Ltd.
Program Overview

We invite you to join us on this 7-day cruise sailing roundtrip leaving Seattle, Washington on Sunday, August 2, 2009 and returning Sunday, August 9, 2009.

The ship will sail via the Inside Passage to Juneau, Skagway, Glacier Bay National Park, Ketchikan and Victoria, British Columbia. Off-shore excursions will be provided upon registration.

Echocardiography is one of the most frequently used technologies in clinical practice. The program is being held in conjunction with the American Society of Echocardiography, whose goal is to serve the educational needs of all who practice the art and science of echocardiography.

Topics include quantitative echocardiography, valvular and ischemic heart disease, stress echocardiography, advances in imaging in coronary disease, state-of-the-art and clinical applications of transesophageal echocardiography, diastology, physiological disease management, and myopericardial disease.

Participants will have ample time to discuss topics with individual faculty members. A special workshop for sonographers further encourages one-on-one interaction. No hands-on experience will be provided. Detailed syllabus materials will be provided.

Target Audience

Attendees should have a working knowledge of 2-D/Doppler echocardiography. The program is designed for adult and pediatric cardiologists, cardiovascular surgeons, anesthesiologists, radiologists, sonographers, and fellows-in-training.

Objectives

Upon completion of this program, attendees should be able to:

- Recognize the role of 2-D, 3-D, Doppler, color flow, Doppler myocardial imaging in different cardiovascular diseases
- Interpret and apply guidelines of ASE, ACC/AHA in clinical practice
- Acquire familiarity with procedures and potential limitations and applications associated with Doppler, color flow, Doppler myocardial, strain rate imaging
- Select the technique best suited to optimize biventricular pacing for resynchronization
- Recite knowledge on the use of echocardiographic procedures in heart failure, ischemic heart disease, and valvular heart disease
- Apply optimal report generation in various cardiovascular diseases
- Use Echo/Doppler information in clinical decision-making
Norwegian Cruise Line’s (NCL) Norwegian Pearl began her inaugural season in November 2006. Sister ship to the Norwegian Jewel, the Pearl is built to impress with 10 different restaurants, 14 bars and lounges, three swimming pools, and the very first bowling alley to hit the high seas. All staterooms on Norwegian Pearl have a TV, refrigerator, safe, duvet, and bathroom with shower and hair dryer. Most lower beds are convertible to a queen-size bed. All suites and penthouses feature floor-to-ceiling glass doors with a private balcony. As the newest addition to NCL’s spectacular fleet of Freestyle Ships, there will never be a better time to discover Norwegian Pearl.

With Freestyle Cruising, you will discover something you won’t find on other cruise lines – freedom. This NCL Freestyle cruise offers diverse and exciting restaurants, a more relaxed dress code and more things to see and do. They have designed the entire cruise experience around giving you the option to choose.

**Dining** – Travel a world of dining options all in one week. From elegant French bistro and Italian trattorias to sushi and tapas bars, and more. There is a different dining option for almost every night of your cruise. With up to 10 different restaurants, each featuring a diverse ever changing menu, you will always find exactly what you are in the mood for and there are no fixed seatings. Restaurants open from 5:30 p.m. to midnight so that you can choose from an early dinner before the show or a later romantic dinner for the two of you. There is always 24-hour room service. You are free to dine where and when you choose.

**Attire** – Wear what you want. Dress according to your mood. “Resort casual” attire is as dressy as you will ever have to get for dinner. If it’s elegance you are dreaming of, go right ahead and indulge. Many of the restaurants offer more formal options. If you prefer more casual dress, that is fine too.

**Service** – By adding additional crewmembers to every ship in the fleet, the Pearl is able to offer exceptional service. With almost one crewmember per stateroom, you can be assured you will be well taken care of when you cruise with NCL.

**Activities** – Do everything or nothing at all. For those who prefer to be active, the new LifeStyle Program features adventurous shore excursions, art auctions, health and wellness programs, cooking demonstrations – all kinds of activities aimed at challenging your mind as well as your body or you can simply relax and enjoy not having a schedule to follow. NCL picks the ports, but the rest of the day is your call.

For further information regarding the cruise, visit the meeting website: [http://www.ctsinc.com/EchoAlaska2009.htm](http://www.ctsinc.com/EchoAlaska2009.htm) or call Corporate Travel Solutions at 651-287-4900 or 651-287-4991 or fax 651-287-4985.
On-Line Registration

To register for the cruise, complete the attached cruise registration form or refer to on-line registration for the course at: http://www.ctsinc.com/EchoAlaska2009.htm

We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

Please consult your individual tax advisor regarding the deductibility of this cruise.

Shore Excursions

Shore excursions will be available to book in late January either on-line at www.ncl.com/shorex or by calling the Shore Excursion Desk at 866-625-1167. In addition, Corporate Travel (651-287-4900 or 651-287-4991) can assist to make reservations for shore excursions.

Frequently Asked Questions

For answers to the most common questions about cruising, please refer to http://www.ncl.com/more/fp_mi_w2n.htm

Special Airfares

You will want to book your flight into the Seattle International Airport. Special airfare discounts for U.S. registrants have been made through the following airlines. Corporate Travel Solutions can assist with your airline reservation.

American Airlines 800-433-1790 Authorization Number A4279AJ
Northwest/KLM/Continental 800-328-1111 WorldFile Number NM2Z9

Meeting discounts offered by the airlines range from 5% to 15% based on fare structure. As airfare savings are subject to availability, we suggest you make your arrangements as soon as possible.

Transportation To/From Ship

Transfers from the Seattle International Airport to and from the pier can be purchased in advance for $30 per person each direction. They are provided by NCL and are only available for arrivals on August 2 and departing the ship on August 9, 2009. If you are purchasing a pre-cruise NCL Hotel package, transfers from the airport to the hotel/pier are included. Post-cruise NCL Hotel Package includes transfers from the pier/hotel.

Please Note

Smoking is prohibited in all ASE conference rooms.

Educational Grants

This activity is supported in part by unrestricted educational grants from various commercial firms. At the time of printing, a complete list of supporters was not available. Appropriate acknowledgement of support will be provided at the time of the activity.
General Information

Fee

Early registration saves $100 in each member category. See the application for details. Your registration fee will be confirmed by mail. Deadline to register in advance is Wednesday, July 1, 2009. After this date, the on-site registration fee will apply.

In addition, there is a significantly reduced fee for American Society of Echocardiography (ASE) members. If you are not currently a member and wish to become one, please refer to www.asecho.org.

Cancellations

If you cancel your participation in this course, your registration fee, less a $100 administrative fee, will be refunded when written notification is received before Wednesday, July 1, 2009 (Fax: 507-266-7403). No refunds will be made after Wednesday, July 1, 2009.

In the unlikely event that the program is canceled, course registration fees will be refunded, less a $100 processing fee; however, the American Society of Echocardiography or UltraEcho, Ltd. are not responsible for any travel or hotel costs you may incur.

Credit

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Society of Echocardiography and UltraEcho, Ltd. The American Society of Echocardiography is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Echocardiography designates this educational activity for a maximum of 19.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ARDMS and CCI recognize ASE’s certificates and have agreed to honor the credit hours toward their registry requirements for sonographers.

The American Society of Echocardiography is committed to resolving all conflict of interest issues, and its mandate is to retain only those speakers with financial interests that can be reconciled with the goals and educational integrity of the educational program. Disclosure of faculty and commercial support sponsor relationships, if any, will be made known at the symposium.
Program Faculty

Program Directors

**Bijoy K. Khandheria, M.D., FESC, FACC, FASE**
Past President, American Society of Echocardiography; Professor of Medicine, Mayo Clinic; Consultant, Division of Cardiovascular Diseases and Internal Medicine, Mayo Clinic; Chair, Division of Cardiovascular Diseases, Mayo Clinic, Scottsdale, AZ

**James B. Seward, M.D., FACC, FASE**
Emeritus, Nasseff Professor of Cardiology, Professor of Medicine and Pediatrics, Mayo Clinic; Consultant, Division of Cardiovascular Diseases, Internal Medicine, and Pediatric Cardiology, Mayo Clinic, Rochester, MN

**A. Jamil Tajik, M.D., FACC**
Thomas J. Watson, Jr. Professor and Professor of Medicine and Pediatrics, Mayo Clinic; Chairman (Emeritus), Zayed Cardiovascular Center, Mayo Clinic, Rochester, MN; Consultant, Division of Cardiovascular Diseases, Internal Medicine, and Pediatric Cardiology, Mayo Clinic, Scottsdale, AZ

Faculty

**Ramesh C. Bansal, M.D., FACC, FASE**
Professor of Medicine; Director, Adult Echocardiography Laboratory, Loma Linda University Medical Center, Loma Linda, CA

**Roger L. Click, M.D., Ph.D., FACC**
Associate Professor of Medicine, Mayo Clinic; Consultant, Division of Cardiovascular Diseases and Internal Medicine, Mayo Clinic, Rochester, MN

**Raimund Erbel, M.D., FAHA, FESC, FACC**
University-Professor of Medicine/Cardiology European Cardiologist, Department of Cardiology, West German Heart Center Essen, Universitätssklinikum Essen, University Duisburg-Essen, Essen, Germany

**Sanjiv Kaul, M.D., FACC, FAHA, FASE, FRCP**
Distinguished Professor of Cardiology; Professor of Medicine & Radiology; Head, Division of Cardiovascular Medicine, Oregon Health & Science University, Portland, OR

**Christopher J. Kramer, BA, RDCS**
Clinical Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Scottsdale, AZ

**Rochelle (Shelly) Tyler, RDCS**
Clinical Sonographer, Clinical Lead Coordinator, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Scottsdale, AZ

**Matt M. Umland, RDCS, FASE**
Advanced Clinical and Research Sonographer, Cardiovascular Ultrasound Imaging and Hemodynamic Laboratory, Mayo Clinic, Scottsdale, AZ

**Mani A. Vannan, MBBS, FACC**
Professor of Clinical Medicine; Director, Cardiovascular Imaging; Joseph Ryan Chair in Cardiovascular Medicine, The Ohio State University, Columbus, OH

**Susan Wilansky, M.D., FRCP(C), FACC, FASE**
Associate Professor of Medicine, Mayo Clinic; Consultant, Division of Cardiovascular Diseases and Internal Medicine; Program Director, Cardiology Fellowship, Mayo Clinic, Scottsdale, AZ
Echo Alaska 2009

Session location will be in the Stardust Theater, Deck 6, Forward

Meeting site telephone: Contact Corporate Travel Solutions at 651-287-4900.

Views expressed in this program are those of the individual speaker and do not necessarily reflect views of the American Society of Echocardiography or UltraEcho, Ltd.

Sunday, August 2, 2009

(Sail from Seattle 4:00 p.m. - At sea, all day until Tuesday, August 4 arriving in Juneau at 2:00 p.m.)

Monday, August 3, 2009

7:00 a.m. Registration and Continental Breakfast
Stardust Theater, Deck 6, Forward

8:00 a.m. Welcome
Drs. Bijoy K. Khandheria, A. Jamil Tajik, and James B. Seward

FUNDAMENTALS OF ECHOCARDIOGRAPHY:
2-D, DOPPLER, COLOR FLOW, IMT
Dr. Bijoy K. Khandheria, presiding

8:10 a.m. Cases to Highlight Basic 2-D Echocardiography Measurements for an Optimal Examination. LV Volume, LA Volume, Ejection Fraction... What Are ASE Recommendations?
Matt M. Umland, RDCS

8:30 a.m. Cases to Demonstrate Calculation of Aortic and Mitral Stenosis
Susan Wilansky, M.D.

8:50 a.m. Carotid IMT – How to Acquire, How to Interpret. What Is Normal?
Rochelle (Shelly) Tyler, RDCS

9:10 a.m. Diastolic Function: What to Measure, How to Measure
Bijoy K. Khandheria, M.D.

9:30 a.m. Cases to Illustrate How to Quantify Aortic and Mitral Regurgitation
Christopher J. Kramer, RDCS

9:50 a.m. Panel Discussion
Mr. Umland, Dr. Wilansky, Ms. Tyler, and Mr. Kramer;
Dr. Khandheria, moderator

10:00 a.m. Refreshment Break

VALVULAR HEART DISEASE
Dr. James B. Seward, presiding

10:10 a.m. Asymptomatic Severe Aortic Stenosis: Natural History, Timing of Operation. Role of Echocardiography and Stress Testing. ACC/AHA Guidelines Say...
Bijoy K. Khandheria, M.D.
A. Jamil Tajik, M.D.

10:50 a.m. Ischemic Mitral Regurgitation: Pathogenesis – Timing of Operation. Pivotal Role of Echocardiography
Sanjiv Kaul, M.D.

11:10 a.m. Asymptomatic Severe Mitral Regurgitation: Timing of Operation. ACC/AHA Guidelines Say… Is There Any Controversy?
A. Jamil Tajik, M.D.

11:20 a.m. Panel Discussion
Drs. Khandheria, Tajik, and Kaul; Dr. Seward, moderator

11:30 a.m. Lunch – Enjoy With Your Family and Friends

VALVULAR HEART DISEASE: CASE STUDIES
Dr. Susan Wilansky, presiding

1:15 p.m. Case Studies – Highlighting Echo Findings
Bicuspid Aortic Valve: Morphologic Types, Significance
Roger L. Click, M.D., Ph.D.
Aortic Regurgitation: Usual and Unusual Etiology
Ramesh C. Bansal, M.D.
3-D Imaging of Mitral Stenosis
Mani A. Vannan, MBBS
Quadricuspid Aortic Valve
Roger L. Click, M.D., Ph.D.
Aortic Stenosis in the Setting of LV Dysfunction
Susan Wilansky, M.D.
Mitrval Regurgitation
Raimund Erbel, M.D.

2:20 p.m. Evaluating the Patient With Prosthetic Valve in 2009
Bijoy K. Khandheria, M.D.

2:40 p.m. Endocarditis: Triumphs and Challenges in 2009. Do I Need 3-D Echocardiography?
Ramesh C. Bansal, M.D.

3:00 p.m. 2-D/3-D Examples of Endocarditis and Complications
Roger L. Click, M.D., Ph.D., and Ramesh C. Bansal, M.D.

RIGHT VENTRICLE, PULMONARY HYPERTENSION, DISEASES OF THE AORTA
Dr. James B. Seward, presiding

3:45 p.m. Evaluation of the Right Heart: 2-D/3-D Imaging, Speckle
Mani A. Vannan, MBBS

4:05 p.m. Pulmonary Hypertension: What Does Echocardiography
Need to Provide? Prognostic Value of Echocardiography
Ramesh C. Bansal, M.D.

4:25 p.m. Aortic Dissection: State-of-the-Art Imaging 2009
Raimund Erbel, M.D.

4:45 p.m. Cases Highlighting Echocardiographic Findings
2-D and 3-D Examples of Normal and Abnormal Prosthetic
Valves
Christopher J. Kramer, RDCS

Ehstein’s Anomaly
Ramesh C. Bansal, M.D.

Carcinoid Heart Disease
Rochelle (Shelly) Tyler, RDCS

Ergot Heart Disease
Roger L. Click, M.D., Ph.D.

Cor Triatriatum
James B. Seward, M.D.

5:30 p.m. Adjourn

7:00 p.m. Welcome Reception – Spinnaker Lounge, Deck 13, Forward
All Participants, Faculty, and Guests Invited

Tuesday, August 4, 2009
(Arrive Juneau at 2:00 p.m. departing at 10:00 p.m.)

Wednesday, August 5, 2009
(Arrive Skagway at 7:00 a.m. departing at 9:00 p.m.)

Thursday, August 6, 2009
(Scenic cruising Glacier Bay National Park)

TRANSESOPHAGEAL ECHOCARDIOGRAPHY: APPLICATIONS, USES AND ABUSES
Dr. Roger L. Click, presiding

2:30 p.m. Intraoperative Echocardiography: Echo-Surgical Cases
Roger L. Click, M.D., Ph.D.

Diving, Airplane Pilots
Bijoy K. Khandheria, M.D.
3:10 p.m. **Illustrative Cases**

Masses in the Heart  
*Ramesh C. Bansal, M.D. and Roger L. Click, M.D., Ph.D.*

**MYOCARDIAL/PERICARDIAL DISEASE**  
*Dr. A. Jamil Tajik, presiding*

3:40 p.m. Hypertrophic Cardiomyopathy: The Golden Voyage  
*A. Jamil Tajik, M.D.*

4:00 p.m. Constrictive Pericarditis. Diagnosis, Differential Diagnosis  
*Bijoy K. Khandheria, M.D.*

4:20 p.m. Ventricular Non-Compaction: Diagnosis and Treatment  
*James B. Seward, M.D.*

4:40 p.m. **Case Studies**

- Variants of Cardiomyopathy  
  *Susan Wilansky, M.D.*

- Pericardial Effusion and Tamponade  
  *Rochelle (Shelly) Tyler, RDCS*

5:10 p.m. Stretch Break

5:30 p.m. **Case Studies**

- Hypereosinophilia  
  *Roger L. Click, M.D., Ph.D.*

- Apical Variant of HOCM  
  *Ramesh C. Bansal, M.D.*

- Amyloid Heart Disease  
  *Matt M. Umland, RDCS*

- Variants of HOCM  
  *A. Jamil Tajik, M.D.*

- Heart of Stone  
  *Susan Wilansky, M.D.*

6:10 p.m. Adjourn

**Friday, August 7, 2009**

(Arrive Ketchikan 6:00 a.m. departing 1:30 p.m.)

**MYOCARDIAL FUNCTION, HEART FAILURE**  
*Dr. James B. Seward, presiding*

2:30 p.m. Myocardial Function: From Bench to Bedside  
*Bijoy K. Khandheria, M.D.*
2:50 p.m. Heart Failure With Normal Systolic Function: Epidemiology, Diagnosis, Prognosis
A. Jamil Tajik, M.D.

3:10 p.m. Echocardiography in Heart Failure: Essential? Appropriate? What Do Guidelines Say?
Mani A. Vannan, MBBS

3:30 p.m. Cases – Diastolic Function, Heart Failure With Normal Systolic Function
Christopher J. Kramer, RDCS and Matt M. Umland, RDCS

3:50 p.m. Cardiac Resynchronization Therapy: Status Report 2009
Bijoy K. Khandheria, M.D.

4:10 p.m. Refreshment Break

4:20 p.m. Illustrative Cases
How to, What to – CRT and Echocardiography
Matt M. Umland, RDCS

4:40 p.m. Mystery Cases
University of Essen
Raimund Erbel, M.D.

Loma Linda University
Ramesh C. Bansal, M.D.

Ohio State University
Mani A. Vannan, MBBS

5:20 p.m. SPECIAL LECTURE
Contrast Echocardiography: Status Report 2009
Sanjiv Kaul, M.D.

5:45 p.m. Adjourn

Saturday, August 8, 2009

(Arriving into Victoria, British Columbia at 6:00 p.m. departing 11:59 p.m.)

7:00 a.m. Continental Breakfast

ISCHEMIC HEART DISEASE
Dr. Susan Wilansky, presiding

7:30 a.m. Acute Coronary Syndrome. Acute Myocardial Infarction. Case Studies. Value of Echocardiography
Roger L. Click, M.D., Ph.D.

7:50 a.m. Dysfunctional But Viable Myocardium – Why Is It Important? What Imaging Modality to Use
Sanjiv Kaul, M.D.
8:10 a.m.  Contrast Enhanced Imaging: Uses and Abuses
Mani A. Vannan, MBBS

8:30 a.m.  Illustrative Examples of Contrast Enhanced Imaging
Susan Wilansky, M.D.

8:50 a.m.  Panel Discussion
Drs. Click, Kaul, and Vannan; Dr. Wilansky, moderator

SPECIAL TOPICS
Dr. James B. Seward, presiding

9:00 a.m.  Echo/Physiologist: What Is This? Why Is This Relevant?
James B. Seward, M.D.

9:20 a.m.  Speckle Tracking, Vector Velocity Imaging, Vortex, Twist, Torsion…
Mani A. Vannan, MBBS

9:40 a.m.  Left Atrial Volume: The HbA1C of Cardiovascular Disease.
How Do I Measure? Why Do I Measure? What Is Normal? What Is Abnormal?
James B. Seward, M.D.

10:00 a.m.  Adjourn for Morning. Early Lunch.

WORKSHOP
Geared Toward Sonographers

12:30 p.m.  Case Studies on Acquisition Covering Unusual Views.
Basic 2-D Measurement. Basic Doppler Measurement. Diastolic Function
Christopher J. Kramer, RDCS, Matt M. Umland, RDCS, and Rochelle (Shelly) Tyler, RDCS

HARVEST OF CASES
Dr. Roger L. Click, presiding

1:30 p.m.  Stress Echocardiography
Susan Wilansky, M.D.

2:00 p.m.  ASD, ASD Closure, 2-D and 3-D
Ramesh C. Bansal, M.D.

2:30 p.m.  VSD
James B. Seward, M.D.

3:00 p.m.  Percutaneous Valve
Raimund Erbel, M.D.

3:30 p.m.  Full Volume Real-Time Imaging: Implications for Workflow
Mani A. Vannan, MBBS

4:00 p.m.  Closing Remarks by Dr. Bijoy K. Khandheria
Program Evaluation, CME Credits, and Adjournment

Sunday, August 9, 2009
(Arrive in Seattle at 8:00 a.m.)
**Registration Form**

**Echo Alaska™ 2009 • August 2 – 9, 2009**

Mail Form and Payment To:
Echo Alaska 2009
Sheryl Dohrmann
200 1st Street SW/G0-06-138SW
Rochester, MN 55905

Phone or Fax Application to:
Telephone: (507) 266-6703
Fax: (507) 266-7403


Meetings held on cruise ships may receive special tax treatment. Please consult your individual tax advisor regarding the deductibility of this cruise.

(Please print or type all information. You may duplicate this form for multiple registrations.)

<table>
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<tr>
<th>First Name</th>
<th>Middle Name or Initial</th>
<th>Last Name</th>
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Degree

- [ ] MD
- [ ] DO
- [ ] PhD
- [ ] RN
- [ ] RCS
- [ ] RDCS
- [ ] Other

Institution

E-mail Address

Which is your preferred mailing address: [ ] Work/Business [ ] Home

Street address for the above selected mailing:

City __________________________ State/PV __________ ZIP/Postal Code ________ Country

Telephone (______) _______ FAX (______) _______

If you need disability accommodations, please check here and advise us of your needs at least two weeks before the program.

Payment Received:

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<th>Tuition received after July 1, 2009</th>
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<td>[ ] Reduced Fee*</td>
<td>[ ] $375 [ ] $475</td>
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<td>[ ] Reduced Fee Other</td>
<td>[ ] $400 [ ] $500</td>
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<td>[ ] Physician Assistant</td>
<td>[ ] Sonographer</td>
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* Registrants in the reduced fees category are required to submit with the registration form proof of licensure, a business card, or a letter written on official letterhead and signed by a department supervisor verifying status. Reduced fee includes: Fellow/Resident in Training, Physician Assistant, Nurse, Sonographer, or Emeritus Staff.

Payment must accompany application.

- [ ] Check (payable to **UltraEcho, Ltd. - Echo Alaska 2009** in U.S. dollars drawn on a U.S. bank)
- [ ] Credit Card: [ ] Visa [ ] MasterCard [ ] Discover

Cardholder's Name

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Office Use Only: Registration Received ____________ Entered ____________ Confirmation Mailed ____________
REGISTRATION FORM

Echo Alaska: Appropriate Use of Cardiovascular Ultrasound in Clinical Cardiology
August 2 – 9, 2009

Please complete this form and return to CTS by FAX 651-287-4985 or E-MAIL ultraecho@ctsinc.com.

Please enter legal names as they appear on your passport.

Passenger #1
First Name________________________ Middle________________________ Last________________________
  □ Mr. □ Dr. □ Mrs. □ Ms. □ Miss □ Master. DOB_______ Citizenship_______
Passenger #2
First Name________________________ Middle________________________ Last________________________
  □ Mr. □ Dr. □ Mrs. □ Ms. □ Miss □ Master. DOB_______ Citizenship_______
Passenger #3
First Name________________________ Middle________________________ Last________________________
  □ Mr. □ Dr. □ Mrs. □ Ms. □ Miss □ Master. DOB_______ Citizenship_______
Passenger #4
First Name________________________ Middle________________________ Last________________________
  □ Mr. □ Dr. □ Mrs. □ Ms. □ Miss □ Master. DOB_______ Citizenship_______

Street Mailing Address________________________ E-mail Address________________________
City________________________ State________________________ Zip/Postal Code________________________ Country________________________
Home Phone________________________ Cell Phone________________________ Fax #________________________

Cruise Accommodations: Please indicate one category choice and one desired bedding type with an “X” below.

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Taxes of $137.54, port fees of $140.00, and prepaid gratuities of $70 must be added to the price per person. To view deck plans and cabin photos please go to: http://www.ncl.com/fees/pearl/deckplans.htm

Travel Insurance (choose one)
☑ Yes, I do want travel insurance
☐ Standard ☐ Premium
☐ No, I do not want travel insurance

PAYMENT
Authorization of $350.00 Per Person Deposit

Credit Card Number________________________ Expires__________ 3-digit Security Code__________
Signature________________________ Date________________________
☐ Please check here if you would like your second deposit and final payment automatically charged to your credit card

Return Completed Form by:
PHONE 651-287-4900 or 651-287-4991 or FAX 651-287-4985
E-MAIL ultraecho@ctsinc.com

Any questions or for further information, please call CTS at 651-287-4991
CRUISE LINE INFORMATION

Norwegian Pearl will join Norwegian Star and Norwegian Sun to together become the destination’s youngest fleet. This innovative new ship is ready to lead the way through Alaska’s stunning Inside Passage. Sailing roundtrip from Seattle, guests will marvel at the dramatic scenery with ports of call in Juneau, Skagway, Ketchikan, Victoria, and scenic cruising in Glacier Bay.

Day Cities/Ports of Call Arrive Depart
Sunday, August 2 Sail from Seattle 4:00 p.m.
Monday, August 3 At Sea – Scenic Cruising Inside Passage
Tuesday, August 4 Juneau, Alaska 2:00 p.m. 10:00 p.m.
Wednesday, August 5 Skagway, Alaska 7:00 a.m. 9:00 p.m.
Thursday, August 6 Scenic cruising Glacier Bay National Park 6:00 a.m. 1:30 p.m.
Friday, August 7 Ketchikan, Alaska 6:00 p.m. 11:59 p.m.
Saturday, August 8 Victoria, B.C. 6:00 p.m. 11:59 p.m.
Sunday, August 9 Seattle 8:00 a.m.

CTS Group Prices

Category Description Per person price for 1st & 2nd passenger
AA Owners Suite $5430
A3 Courtyard Villa $4800
AB Penthouse Suite $3650
AC Penthouse Suite $3130
AF Mini Suite with Balcony $1900
BB Ocean View Stateroom with Balcony $1745
F Ocean View Stateroom $1139
II or JJ Inside Stateroom $959 or $925

Prices are per person “cruise only” based on double occupancy. Single rates are approximately double the per person prices listed above. Triples and quads are capacity controlled and are subject to availability. Please call CTS directly at 651-287-4991 or 651-287-4990 for prices. Taxes of $137.54, port fees of $140.00, and prepaid gratuities of $70 are not included in the above rates.

TERMS AND CONDITIONS

INCLUSIONS – 7-nights accommodations including all meals and entertainment aboard ship.

DEPOSIT – An initial deposit of $350.00 per person due at the time of reservation. A second deposit of $500 per person is due on March 20, 2009.

FINAL PAYMENT – Final payment is due May 15, 2009. Any special invoicing requests must be received prior to May 14, 2009. Any duplicate invoices requested after final payment is made are subject to a $10 processing fee per invoice.

CANCELLATION PENALTIES

Prior to February 2, 2009 – Full Refund (except for cost of any insurance purchased.) Between February 3 and April 2, 2009 – $325 per person cancellation fee. Between April 3 and May 15, 2009 – $425 per person cancellation fee. Between May 16 and July 1, 2009 – 75% cancellation fee of the combined Cruise Only fare and port charges/taxes. Between July 2 and August 2, 2009 – No Refund

NOT INCLUDED – Optional shore excursions, alcoholic beverages, and items of a personal nature.

DOCUMENTATION

U.S. and Canadian Citizens – All U.S. and Canadian Citizens over the age of 12 will be required to have a passport for this cruise itinerary.

Non-U.S. and Non-Canadian Citizens – In addition to Passport requirements, please verify your visa requirements for travel to the U.S. and Canada by contacting the consulate of each country, by contacting a visa service, or contact CTS directly at 651-287-4900.

RESPONSIBILITY – Corporate Travel Solutions, Inc. (CTS), UltraEcho, Ltd. and Norwegian Cruise Lines (NCL) neither control, nor operate, nor are they responsible for the actions of independent contractors such as airlines, ground transporters, and others who provide services, and are not liable for any act, omission, delay, injury, loss or damage, or nonperformance in connection with these arrangements.

TRIP CANCELLATION INSURANCE – Cancellation insurance is strongly recommended. NCL offers a Standard and Premium Plan. Please contact CTS directly for further details or information at 651-287-4900 or 651-287-4991.

TRAVEL RESERVATIONS – Corporate Travel Solutions, Attn: ULTRAECO ALASKA
340 Cedar Street, Suite 1200, St. Paul, MN 55101
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