

2ND INTERNATIONAL SYMPOSIUM OF

CRITICAL CARE IN CANCER PATIENTS

POINT OF CARE ULTRASOUND AND DIFFICULT AIRWAY WORKSHOPS

May 29, 2019

Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas

2ND INTERNATIONAL SYMPOSIUM OF CRITICAL CARE IN CANCER PATIENTS

May 30-31, 2019

The University of Texas MD Anderson Cancer Center
Onstead Auditorium
Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas

CRITICAL CARE IN PEDIATRIC CANCER PATIENTS

June 1, 2019

The University of Texas MD Anderson Cancer Center
Onstead Auditorium
Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas

THE UNIVERSITY OF TEXAS
**MD Anderson
Cancer Center**

Making Cancer History®



2ND INTERNATIONAL SYMPOSIUM OF

CRITICAL CARE IN CANCER PATIENTS

FOCUS

The incidence of oncologic diseases has risen in recent years. This is associated with an increase in the number of patients with cancer that can be found in intensive care units. Critically ill oncologic patients have several therapeutic challenges due to their nutritional and immunologic baseline, risk of infectious diseases, and cancer-treatment toxicities. For this reason, it is essential to reduce the knowledge gaps, and provide critical care staff with updated educational resources to improve patient outcomes. This Symposium addresses the complex scenarios that could be found in the intensive care units and allow the attendees to have direct contact and learn from oncologic critical care experts.

EDUCATIONAL OBJECTIVES

After attending the Symposium, participants should be able to:

- Identify and address existing knowledge gaps in oncologic critical care (*Knowledge*);
- Better understand available resources to improve clinical management of critically ill cancer patients (*Knowledge, Competence, Performance, Patient Outcomes*);
- Identify core research interest areas to collaborate (*Knowledge, Competence*);
- Improve bedside technical skills from workshop seminar (*Knowledge, Competence, Performance, Patient Outcomes*).

EDUCATIONAL METHODS

Lecture/Didactic – Case Study – Skills Based Training – Panel Discussion – Question and Answer Sessions – Poster Session – Interactive Groups/Breakouts – Pre-/Post-test – Simulation – Hands on Workshop

TARGET AUDIENCE

This conference should be of value to Physicians, Advanced Practice Providers, Nurses, Pharmacists, and Respiratory Therapists.

EVALUATION

A course evaluation survey will provide participants with the opportunity to comment on the value of the program content to their practice decisions,

performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

ACCREDITATION/ CREDIT DESIGNATION

Physicians

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum 25.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This course has been certified as a Level 2 course according to the AMA Guidelines on New Procedures and Skills Courses. Level 2 Course: Verification of satisfactory completion of course objectives: the physician satisfactorily met all specified learning objectives.

ETHICS

The sessions marked with “*” have been designated by The University of Texas MD Anderson Cancer Center for 2.25 *AMA PRA Category 1 Credits™* in medical ethics and/or professional responsibility.

PHARMACY

Continuing education is being secured for Pharmacy.

NURSING

The University of Texas MD Anderson Cancer Center is an approved provider with commendation of continuing nursing education by the Texas Nurses Association – Approver, an accredited approver with distinction, by the American Nurses Credentialing Center’s Commission on Accreditation. Participants can earn up to 24.91 CNE if attending all 4 days. Partial CNE credit will be provided per each full day’s attendance.

CONTINUING EDUCATION FOR RESPIRATORY THERAPISTS (CERT)

This activity hopes to offer up to 24 hrs of CEs for Respiratory Therapists.

CME CERTIFICATES AND ATTENDANCE VERIFICATION CERTIFICATES

Certificates awarding *AMA PRA Category 1 Credit™* or certificates documenting attendance will be emailed when an individual completes the online CME Verification process after the conference.

CONFERENCE CHAIRS

Joseph L. Nates, MD, MBA, CMQ, MCCM
Professor
Critical Care and Respiratory Care

Kristen J. Price, MD, FCCP
Chair
Critical Care and Respiratory Care

PLANNING COMMITTEE

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Manager, Advanced Practice Provider
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Nursing Education

Rhea Herrington, AAS, BSN, MSN, RN
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Director- Respiratory Care
Respiratory Care

Anne Rain Tanner Brown, PharmD
Clinical Pharmacy Specialist
Pharmacy Clinical Programs

Allison Baring, CMP
CME Conference Planner
CME/Conference Management

CALL FOR ABSTRACTS

DEADLINE FOR ABSTRACT SUBMISSION IS MONDAY, APRIL 29, 2019.

The 2nd Oncologic Critical Care Research Network Symposium invites the submission of abstracts regarding clinical care or best practices in a critical care setting.

Authors may submit abstracts of completed work, work in progress, or work elsewhere within the past 12 months.

ABSTRACT SUBMISSION INSTRUCTIONS

Abstracts will only be accepted electronically and should be uploaded to: cancercriticalcare2019@mdanderson.org

The deadline for receipt of abstracts is 11:59 PM CST on April 29, 2019. . Notification of acceptance for poster presentations will be acknowledged by e-mail by Monday, May 6.

ABSTRACT FORMATTING INSTRUCTIONS

Limit abstracts to one page, type in 12-point Times New Roman font, single spaced with one-inch margins, and left justified. Organize the abstract into: Background, Methods, Results, and Conclusions. Define all abbreviations. Include the abstract title, full names, and institutional affiliations of all authors, and e-mail address of the corresponding author at the top of the abstract. Underline the name of the presenting author. Abstracts must not contain copyrighted material unless permission has been obtained by the author/publisher.

CONFERENCE PRESENTATIONS

MD Anderson Cancer Center is going green to save paper and the environment. Hard copies of the presentations will not be available onsite. Presentations will be available online, in PDF format, after the conference.

POINT OF CARE ULTRASOUND AND DIFFICULT AIRWAY WORKSHOPS

Wednesday, May 29, 2019

Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas
Room: BSRB S3.8371

Maximum Attendance: 30

GOAL

The Point of Care Ultrasound and Hemodynamic Monitoring Workshop will have an introductory session that will focus on educating healthcare professionals on the principles of point of care ultrasound, as well as the assessment of left ventricular function by transthoracic and transesophageal echocardiogram. This introductory session will be complemented by the presentation of interesting cases and a live demonstration. The second half will be a hands-on workshop, in which all participants will rotate for specific stations (cardiac, lung, abdomen, and vascular access) and will have the opportunity to apply the learned techniques in live and simulation models.

The Difficult Airway Workshop will be a rotating hands-on session, in which attendees will have the opportunity to perform the most relevant maneuvers to manage the challenges of a difficult airway (surgical airway, retrograde intubation, supraglottic maneuvers, and more).

A pre-and post-assessment will be performed to assess the quality and overall satisfaction of the attendees.

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP OBJECTIVES

- Describe basic assessment of cardiac ventricular function
- Describe basic understanding and usage of ultrasound for evaluation of lung pathologies
- Demonstrate Point of Care Ultrasound techniques
- Learn to use ultrasound for vascular access
- Practice on simulator and live models for cardiovascular imaging
- Understand the role of minimally invasive hemodynamic monitoring in goal directed fluid therapy and hemodynamic optimization

DIFFICULT AIRWAY WORKSHOP OBJECTIVES

- Failed airway and cricothyroidotomy
- Difficult airway and awake intubation techniques
- Use of a flexible fiber optic scope
- Various lung isolation techniques
- Safe extubation and airway exchange catheter
- Ultrasound for airway management

WORKSHOP AGENDA

WEDNESDAY
MAY 29, 2019

POINT OF CARE ULTRASOUND AND HEMODYNAMIC MONITORING WORKSHOP

Moderator: Dilip Thakar, MD

7:00 am Registration and Continental Breakfast

8:00 **Point of Care Ultrasound**
Dilip Thakar, MD

8:20 **Assessment of LV Function TEE**
Manu Sethi, MBBS

8:40 **Assessment of LV Function TTE**
Saamir Hassan, MD

9:00 **Interesting Cases / Rescue TTE/TEE**
Jose Banchs, MD

9:20 **Live Demonstration of Point of Care Ultrasound**
Dilip Thakar, MD

9:30 Break

HANDS-ON ULTRASOUND WORKSHOP

9:45 am **Cardiac Ultrasound (FATE protocol)**
Dilip Thakar, MD

Point of Care Cardiac Ultrasound (Lung and Abdomen)
Raja Palvadi, MD

Self-Paced Workshop with Simulation (Heart Works)
Manu Sethi, MBBS
Tom Heintzelman, PhD
Timothy Jackson, MD

Ultrasound Guided Vascular Access: Peripheral Vascular Access
Wendell Hiebert Williams, III, MD
Shital Vachhani, MD

Live Models to Practice
Sandeep Markan, MD

Noon Lunch (provided)

DIFFICULT AIRWAY WORKSHOP

Moderators: Dilip Thakar, MD; Tyrone Burnett, Jr.; Tariq Syed

1:00 pm	Surgical Airway Dilip Thakar, MD
	Retrograde Intubation Raja Palvadi, MD
	Fiberoptic Bronchoscopy - One Lung Isolation Wendell Hiebert Williams, III, MD
	Supraglottic Device Shital Vachhani, MD
	Jet Ventilation Mona Sarkiss, MD
	Airway Ultrasound and Gastric Ultrasound David Ferson, MD
	Videolaryngoscopy Timothy Jackson, MD Kazim Mirza, DO - Difficult Airway and Awake Intubation Piotr Kwater, MD - Safe Extubation and Airway Exchange Catheter
4:00 pm	Adjourn



MD ANDERSON FACULTY

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Research Support

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Kazim Mirza, DO
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Mona Sarkiss, MD
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Manu Sethi, MBBS
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Houston, Texas

WORKSHOP REGISTRATION INFORMATION

There are only 30 spaces available for the Workshops. On-site registration will not be a guarantee. Advanced registration is highly encouraged.

2ND INTERNATIONAL SYMPOSIUM OF CRITICAL CARE IN CANCER PATIENTS

May 30-31, 2019

The University of Texas MD Anderson Cancer Center
Onstead Auditorium
Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas

AGENDA THURSDAY MAY 30, 2019

7:00 am Registration and Continental Breakfast

8:00 **Welcome**

Joseph L. Nates, MD, MBA, CMQ, MCCM

8:10 **George B. Sweeney, Jr. Lecture
Disparities in Critical Care at Home and Abroad**

Janice Zimmerman, MD, MACP, MCCM

SESSION I

Moderator: Néstor Raimondi, MD, MCCM

8:40 **Organization in Oncologic Critical Care: Present and Future**
Kristen Price, MD

9:00 **Critical Care Issues in the Oncologic Patient**
Stephen Pastores, MD, FACP, FCCP, FCCM

9:20 **Advances in the Prevention of Catheter-Related Blood Infection**
Issam Raad, MD

9:40 **Post-Intensive Care Syndrome:
Considerations in Cancer Patients**
Eliotte Hirshberg, MD

10:00 **Q & A Session**

10:10 Break/Poster Viewing

SESSION II

Moderator: Yenny Cardenas, MD, MS

10:40 **Driving Pressure: Clinical Applications and Outcomes**
Richard Branson, RT, MSc

11:00 **Guidelines for the Diagnosis and Management of Critically
III-Related Corticosteroid Insufficiency**
Stephen Pastores, MD, FACP, FCCP, FCCM

11:20 **Hyperglycemic Emergencies in the ICU**
Sonali Thosani, MD

11:40 **Special Nutritional Considerations in the Critically Ill Obese
Cancer Patient**
Anne Tucker, PharmD

12:00 pm **Q & A Session**

12:10 Lunch (provided)

SESSION III

Moderator: Cristina Gutierrez, MD

1:10 **Management of Neurological Complications of Cancer
Therapies**
Cristina Gutierrez, MD

1:30 **Cancer Treatment Related Lung Injury**
Vickie Shannon, MD

1:50 **Cardiac Toxicities Related to Chemotherapy and Radiotherapy**
Jose Banchs, MD

2:10 **Nephrological Toxicities Associated with Chemotherapies**
Joshua Botdorf, DO

2:30 **Updates in Management of Immune Effector Cell Therapy**
Anne Rain Tanner Brown, PharmD

2:50 **Q & A Session**

3:00 Break/Poster Viewing

SESSION IV

Moderator: Karen Chen, MD

3:10 **Management of Pleural Effusions in the Oncologic Critically Ill
Patient**
Saadia Faiz, MD

3:30 **Post-Operative Considerations of the Critically Ill Cancer
Patient**
Celia R. Ledet, MD

3:50	New Anticoagulants and Pharmacologic Management of Hemorrhagic Complications Teresa Allison, PharmD
4:10	Critical Care Procedures in the Patient with Coagulopathy and Thrombocytopenia Brandi McCall, MSN, RN, AGACNP
4:30	Q & A Session
4:40 pm	Adjourn

FRIDAY MAY 31, 2019

7:00 am	Registration and Continental Breakfast
7:55	Welcome and Opening Remarks Joseph L. Nates, MD, MBA, CMQ, MCCM
8:00	George B. Sweeney Jr., Lecture: Humanizing the Intensive Care Unit* Eliotte Hirshberg, MD

SESSION V

Moderator: Nisha Rathi, MD

8:40	ARDS and Differential Diagnosis in Cancer Patients Vickie Shannon, MD
9:00	Non-Invasive O2 Therapies in Respiratory Failure Laveena Munshi, MD, FRCPC, MSc
9:20	Alternative Modes of Mechanical Ventilation in ARDS Richard Branson, RT, MSc
9:40	Advanced Management of ARDS Patients: ECMO vs Prone Ventilation R. Scott Stephens, MD
10:00	Q & A Session
10:10	Break/Poster Viewing

SESSION VI

Moderator: Gregory Botz, MD

10:40	Pitfalls and Benefits of Sedation & Analgesia Holiday Nisha Rathi, MD
11:00	The Future of Rapid Response Teams John Crommett, MD
11:20	Early Warning Systems Karen Plexman, MSN, RN

11:40	A Multidisciplinary Approach to Managing Skin Integrity in Critical Care Oncology Patients Amber Tarvin, MSN, RN
12:00 pm	Q & A Session
12:10	Lunch (provided)

SESSION VII

Moderator: Imrana Malik, MD

1:10	Infection Prophylaxis in the Immunosuppressed Cancer Patient Jeffrey Bruno, PharmD
1:30	Surviving Sepsis Guidelines' Considerations in the Oncologic Patient: Challenges and Future Approaches Imrana Malik, MD
1:50	Fungal Infections in the Critically Ill Patient Bruno Granwehr, MD
2:10	Updates in the Management of Neutropenic Septic Shock R. Scott Stephens, MD
2:30	Investigations and Management of ARDS in Immunocompromised Patients Laveena Munshi, MD, FRCPC, MSc
2:50	Q & A Session
3:00	Break/Poster Viewing

SESSION VIII

Moderator: Donna Calabrese, MD

3:10	Optimizing Pain Management at the End of Life: Consensus Statements and Expert Opinions* Andres Laserna, MD
3:30	Medical Ethical Dilemmas in the ICU* Michael Sirimaturus, PharmD, BCNSP, BCCCP, FCCM
3:50	Burnout in the ICU* John Luquette, PhD
4:10	Quality Improvement in the ICU* Mary Lou Warren, DNP, RN, CNS-CC, FCCM
4:30	Q & A Session
4:40	Poster Awards/Closing Remarks Joseph Nates, MD, MBA, CMQ, MCCM
5:00 pm	Adjourn

* Indicates ethics credits awarded

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Gregory Botz, MD

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Infectious Diseases

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Transplant Critical Care
Assistant Professor
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MCCM**

Professor
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Institute for Academic
Medicine
President
World Federation of
Societies of Intensive and
Critical Care Medicine
Houston Methodist
Houston, Texas

SYMPOSIUM REGISTRATION INFORMATION

On-site registration for the Symposium opens at 7:00 am on Thursday, May 30. The conference will begin at 8:00 am and adjourn at 5:00 pm on Friday, May 31. Advanced registration is encouraged as space and materials are limited.

CRITICAL CARE IN PEDIATRIC CANCER PATIENTS

June 1, 2019

The University of Texas MD Anderson Cancer Center
Onstead Auditorium
Mitchell Building (BSRB), Floor 3
6767 Bertner Avenue
Houston, Texas

OBJECTIVES

- Identify and address existing knowledge gaps in pediatric oncologic critical care including nursing care of the cancer patient, ethical issues and outcome after CPR;
- Better understand available resources to improve clinical management of pediatric critically ill cancer patients with oncologic emergencies, immunotherapy related toxicities, terminal cancer pain or in need of fiberoptic bronchoscopy, high frequency ventilation or palliative care;
- Identify core research interest areas to collaborate.

AGENDA SATURDAY JUNE 1, 2019

7:00 am Registration and Continental Breakfast

8:00 Welcome

Joseph L. Nates, MD, MBA, CMQ, MCCM

GEORGE B. SWEENEY, JR. PEDIATRIC SPECIAL SESSION

Moderator: Karen Moody, MD

8:05 Palliative Care Management of the Pediatric Oncologic Patient (InPatient)

Regina Okhuysen-Cawley, MD

8:25 Palliative Care Management of the Pediatric Oncologic Patient (Outpatient)

Kevin Madden, MD

8:45 Panel Discussion

SESSION II

Moderators: Rodrigo Mejia, MD and Shehla Razvi, MD

9:00 Oncologic Emergencies in Pediatric Patients

Jose Cortes, MD

9:20 Immunotherapy Toxicities in Pediatric Critically Ill Cancer Patients

Sajad Khazal, MBChB

9:40 Pain Management of the Terminal Pediatric Care Patient

Karen Moody, MD

10:00 High Frequency Oscillatory Ventilation in Critically Ill Pediatric Patients

Renán Orellana, MD, FAAP

10:20 Q & A Session

10:30 Break

SESSION III

Moderator: Jose Cortes, MD

10:50 Practices and Outcomes of CPR in Pediatric Patients

Utpal Bhalala, MD

11:10 Nursing Care of the Hemato-Oncological Critically Ill Pediatric Patient

Riza Mauricio, PhD, APRN, FCCM

11:30 Fiberoptic Bronchoscopy in Pediatric Patients with Cancer

Rodrigo Mejia, MD

11:50 Ethical Issues in the Pediatric Intensive Care Unit*

Jessica Moore, DHCE, MA

12:10 Simulation: A Paradigm Shift in Quality and Safety in Critical Care Medicine

Utpal Bhalala, MD

12:30 pm Adjourn

* Indicates ethics credits awarded



MD ANDERSON FACULTY

Jose Cortes, MD

Assistant Professor
Pediatrics - Patient Care

Sajad Khazal, MBChB

Assistant Professor
Pediatrics - Patient Care

Kevin Madden, MD

Assistant Professor
Palliative Care Medicine

Rodrigo Mejia, MD

Professor
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Karen Moody, MD

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Jessica Moore, DHCE, MA

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Regina Okhuysen-Cawley, MD

Associate Professor
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Texas Children's Hospital
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Renán Orellana, MD, FAAP

Associate Professor
Critical Care
Baylor College of Medicine
Houston, Texas

REGISTRATION INFORMATION

The deadline for advanced registration for all programs is Wednesday, April 24.

There are three ways to register:

1. On-line at www.mdanderson.org/conferences
2. Fax to: 713-794-1724
3. Mail to: CME/Conference Management
Unit 1781
The University of Texas
MD Anderson Cancer Center
P.O. Box 301407
Houston, TX 77230-1407

We accept the following forms of payment:

- Check (payable through U.S. banks only)
- Money Order
- Credit Cards (MasterCard, VISA, and American Express)
- Cash (on-site registration only)

A receipt and confirmation letter will be sent to you within ten working days of receipt of your fee. The conference registration fee includes tuition, final symposium agenda, continental breakfasts, breaks, and lunch. Please refer to the registration form for specific information regarding fees.

REFUND/CANCELLATION POLICY

The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before **Wednesday, April 24**. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check.

CME/Conference Management reserves the right to cancel activities prior to the scheduled date, if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or the contact numbers as given on the registration form. In case of activity cancellation, liability of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee.

CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

For additional information, please contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

PEDIATRIC PROGRAM REGISTRATION INFORMATION

On-site registration for the Critical Care in Pediatric Cancer Patients opens at 7:00 am on Saturday, June 1. The conference will begin at 8:00 am and adjourn at 12:30 pm. Advanced registration is encouraged as space and materials are limited.

SPECIAL ASSISTANCE

Contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

ACCOMMODATIONS

- A block of rooms has been reserved for conference attendees at the **Houston Marriott Medical Center** located at 6580 Fannin Street, Houston, Texas 77030.
- Early hotel reservation is suggested and the room block cutoff date is **Tuesday, April 30, 2019**.
- The hotel phone number is 713.796.0080
- When you make reservations, be sure to mention the group name: **2nd Symposium of Critical Care in Cancer Patients** to be assured of receiving the special meeting rate of \$149 for a standard guest room. Please add 17% Texas state and local taxes.

GROUND TRANSPORTATION

(prices are subject to change and variable depending on location of conference)

- Houston is served by two airports, George Bush Intercontinental (IAH) and William P. Hobby (HOU).
- Taxicabs are available at an estimated cost of \$50-60, to or from William P. Hobby Airport or George Bush Intercontinental Airport.
- Super Shuttle operates a shuttle bus between George Bush Intercontinental Airport and the Houston Marriott Medical Center for \$27 one-way and \$54 round-trip. For more information, call 713-523-8888 or toll-free at 800-258-3826 or on-line at www.supershuttle.com.
- Super Shuttle operates a shuttle bus between William P. Hobby Airport and the Houston Marriott Medical Center for \$24 one-way and \$48 round-trip. For more information, call 713-523-8888 or toll-free at 800-258-3826 or on-line at www.supershuttle.com

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Program Chairs for consideration.

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