

February 2-6, 2008

Educational Methods

Needs and Target Audience:

With the implementation of expanded newborn screening and other advances in the field of clinical genetics, the need for healthcare professionals trained in the field of inborn errors in metabolism has increased. Diagnosis and management of these diseases requires an interdisciplinary approach. Dietitians, Nurses and Genetic Counselors play critical roles in the care of these patients. Metabolic University is targeted to professionals newly entering the field of inborn errors in metabolism.

Objectives

At the conclusion of the week, participants should be able to:

- Describe the pathophysiology and primary offending metabolites in common disorders of amino acid, organic acid, urea cycle, carbohydrate and fatty acid metabolism.
- Describe nutrition interventions commonly used disorders of amino acid, organic acid, urea cycle, carbohydrate and fatty acid metabolism.
- Describe common management issues in disorders of amino acid, organic acid, urea cycle, carbohydrate, and fatty acid metabolism as it relates to one's health care profession.
- Describe use of tandem mass spectrometry in the identification of metabolites suggestive of disorders of amino acid, organic acid, urea cycle, carbohydrate, and fatty acid metabolism.

Education Methods

Lectures, Group teaching, Observations, Pre and post tests, Web-based learning (e-protocols)

Evaluation

Evaluation by questionnaire will address program content and presentation.

Planning Committee and Faculty

Laurie Bernstein, MS RD FADA
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Director – IMD Nutrition
The Children's Hospital, Denver, CO

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Nutricia North America

Fran Rohr, MS RD
Clinical Nutrition Specialist
Metabolism Program
Children's Hospital, Boston

Erin Dunn, R.Psych; Psychologist
Eating Disorders Program
St. Paul Hospital, Vancouver



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Lodging Information:

Lodging: Doubletree Hotel (Group: *Metabolic University*)
 Dates: February 2-6, 2008
 Registration Deadline: January 10, 2008
 Room Types: Double or Single
 Rate: \$109.⁰⁰/night plus CO sales tax
Free shuttle service available to and from the hotel

Book directly online!

The address for Booking directly online will be available the week of November 12th.2007
 Or call 1-800-222-TREE and ask for Doubletree Denver – Metabolic University

Registration Information:

Registration Fee: \$475.⁰⁰ US
 (Includes reception, 1 dinner, all lunches and all coffeekbreaks.
 This will also include all shuttle service during the program.)
 Make checks payable to: The Children's Hospital – Metabolic University
 Registration deadline: January 1, 2008
*Due to space limitations, no more than 10 dietitians, 10 nurses
 and genetic counselors will be accepted.*

You may pay by personal or company check, no credit cards are accepted. **Registration will not be processed without payment.**

Mail check and completed registration form to:

Attn: Laurie Bernstein MS RD FADA
 Assistant Professor - Department of Pediatrics
 Director - IMD Nutrition
 Clinical Genetics and Metabolism, MS8400
 Education South 2, Building L28, Room 4109
 13121 E. 17th Avenue
 PO Box 6508
 Aurora, CO 80045

RDs:
 30 CEU's Applied

CGCs:
 Can Apply for Level 2

Metabolic Univeristy Registration Form *(Please Print)*

Full Name:

Degree(s):

Institution:

Address:.....

City:.....

State, Zip, Country:.....

Telephone:.....

E-Mail:.....



Schedule of Events

– Tentative Schedule –

Saturday Afternoon

- > Welcome and Opening Remarks
- > Full Course Pretest
- > Genetics And Pathophysiology
- > PKU – A New Patient – The Role Of A Multidisciplinary Team
- > Amino Acid Disorders
- > Biochemistry, Clinical Manifestations, Principals of Diet, Clinical Management
- > Reception

Sunday Morning

- > Organic Acid Disorders
Biochemistry, Clinical Manifestations, Principals of Diet, Clinical Management
- > Urea Cycle Defects
Biochemistry, Clinical Manifestations, Principals of Diet, Clinical Management
- > Fatty Acid Oxidation Defects
Biochemistry, Clinical Manifestations, Principals of Diet, Clinical Management

Sunday Afternoon

- > Motivational Interviewing
- > Adjourn for the day

Monday Morning

- > Eat Right, Stay Bright – *A trip to the hospital to observe a group clinic*
- > Management of IEM Pregnancies
- > Expanded Newborn Screening

Monday Afternoon

- > Organic Acidemias
- > Urea Cycle Defects
- > Fatty Acid Oxidation
- > Disability, Frontal Lobe Dysfunction, Compliance Issues
- > Creating Adult Transition Programs
 - Clinical Pearls – FAQs
- > Use of Medical Foods

Monday Evening

- > Adjourn for the day

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Schedule of Events

– Tentative Schedule –

Tuesday Morning

- > Laboratory Studies
 - Amino Acid Analysis
 - Organic Acid Analysis
 - MS/MS

Tuesday Afternoon

- > Nutritional Assessment And Disorders of Carbohydrate Metabolism
- > Nutritional Assessment
- > Disorders of Carbohydrate Metabolism
- > Biochemistry, Clinical Manifestations, Principals of Diet, Clinical Management
- > An Evening In Denver – Compliments of Nutricia

Wednesday Morning

- > E-protocols
- > Open Mike Question and Answers
- > Meet the Patients
- > Wrap-up
- > Evaluations
- > Post-test
- > Adjourn

If you have any questions, please contact Laurie Bernstein at 303-724-2341

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