2013 Pediatric Academic Societies' Annual Meeting

PROPOSAL NUMBER: 500252

PROPOSAL TYPE: Topic Symposium

PROPOSAL SUBMITTED BY:
John S Fuqua, MD
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SESSION INFORMATION

SESSION TITLE/TOPIC:
New Therapeutic Considerations in the Pediatric Hyperglycemic Patient

DESCRIPTION:
Hyperglycemia in children with type 2 diabetes, post-surgical patients, and critically ill children has fueled research into novel approaches for glycemic management in these populations. The TODAY study provided important data on outcomes in adolescents with type 2 diabetes. However, the evidence for effectiveness of several classes of medications remains unclear in the pediatric population. Controversy surrounds treatment thresholds and outcomes in hyperglycemic, critically ill adult patients. Parallel data in children are starting to emerge, raising important treatment considerations in this population. Islet transplantation remains an active area of research as a potential cure for diabetes. Autoislet transplantation following pancreatectomy in children with chronic pancreatitis has emerged as an effective procedure for alleviating pain and post-surgical insulin requirement. This symposium will explore these evolving areas of ongoing research and how they may affect current and future clinical management of hyperglycemia in these pediatric populations.

OBJECTIVE(S):
1. Recall evidence for efficacy of different treatment options in type 2 diabetes and their potential application to the pediatric population
2. Recognize relationship between hyperglycemia and clinical outcomes and the role of intensive insulin therapy in critically ill children
3. Discuss progress made in pediatric autoislet transplantation

SESSION TYPE:
Clinical

TARGET AUDIENCE:
Clinical and academic general pediatricians and pediatric subspecialists, including endocrinologists, intensivists, gastroenterologists, and adolescent
medicine specialists

POTENTIAL/ANTICIPATED AUDIENCE SIZE:
100 - 150

Q&A/DISCUSSION AT THE END OF THE SESSION (AND TIME WHERE APPLICABLE):
No

SESSION TRACK(S):
Endocrinology

ADDITIONAL COMMENTS:

CHAIR 1 INFORMATION

SUGGESTED PERSON:
Brandon Nathan, M.D.

Department:

Institution: University of Minnesota
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SOCIETY MEMBERSHIPS:
AAP
PES

WILL THIS CHAIR GIVE AN OVERVIEW:
No

CHAIR 2 INFORMATION
SUGGESTED PERSON:
Jamie Wood, M.D.

Department:

Institution: Children's Hospital Los Angeles
Address 1: 4650 Sunset Blvd Mailstop #61
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SOCIETY MEMBERSHIPS:

PES

WILL THIS CHAIR GIVE AN OVERVIEW:

No

TOPIC 1 INFORMATION

SUGGESTED PERSON:
Sonia Caprio, M.D.

Department: Department of Pediatrics, Division of Endocrinology
Institution: Yale University School of Medicine
Address 1: Doctors Building
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SOCIETY MEMBERSHIPS:
No society memberships

Explanation for this non-member selection:
Dr. Caprio is a well-respected authority on type 2 diabetes in adolescents.

PRESENTATION TITLE:
After TODAY: Treatment Strategies for Adolescents with Type 2 Diabetes

LENGTH OF LECTURE:
35 minutes

QA/DISCUSSION TIME FOLLOWING THIS PARTICULAR LECTURE:
Yes

LENGTH OF QA/DISCUSSION TIME:
5 minutes

TOPIC 2 INFORMATION

SUGGESTED PERSON:
Mark Ransford Rigby, MD, PhD

Department: Section of Pediatric Critical Care Medicine and Diabetes Research
Institution: Indiana University and Riley Hospital for Children
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SOCIETY MEMBERSHIPS:
AAP
APS
PES
SPR
PRESENTATION TITLE:
Hyperglycemia in the Critically Ill Child: When to Treat and Why

LENGTH OF LECTURE:
35 minutes

QA/DISCUSSION TIME FOLLOWING THIS PARTICULAR LECTURE:
Yes

LENGTH OF QA/DISCUSSION TIME:
5 minutes

TOPIC 3 INFORMATION

SUGGESTED PERSON:
Melena Bellin, M.D.

Department: Pediatrics, Division of Pediatric Endocrinology
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SOCIETY MEMBERSHIPS:
AAP
APS
PES
SPR

PRESENTATION TITLE:
Autoislet Transplantation: Lessons from Children with Chronic Pancreatitis

LENGTH OF LECTURE:
35 minutes

QA/DISCUSSION TIME FOLLOWING THIS PARTICULAR LECTURE:
Yes

LENGTH OF QA/DISCUSSION TIME:
5 minutes