

Children's of Alabama Continuing Medical Education

Neonatal and Infants Course for Kidney Support (NICKS)

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4 Discuss specifics for different KST machines available for small children

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20 Consider the perspective of the parents and the responsibilities of taking care of babies on KST

***Date/Time:*** 2/3/2025 7:30:00 AM

***Location:*** Simulation Center in Dearth Tower

***Planners/Content Reviewers/Speakers – Disclosures:***

Planners, Content Reviewers and Speaker have the following financial relationship(s) with commercial interests to disclose:

Kara C Short, CRNP : Royalties or Patent Beneficiary-International patent of intellectual property through UAB - 10/31/2024

Tennille N Webb, MD : Nothing to disclose - 11/06/2024

Vincent Mortellaro, MD :

Traci Roberts, RPh : Nothing to disclose - 10/31/2024

Nancy Tofil, MD : Nothing to disclose - 10/31/2024

Martha McBride, CRNP : Nothing to disclose - 04/01/2024

David Askenazi, MD : Other: Consultant and Grant related to Aquapheresis, CRRT, Neonatal AKI-Nuwellis|Other: Consultant related to Nutrition in Children with Kidney Disease-Abbott Nutrition|Other: Consultant related to SCD-Seastar Medical|Grant or research support-Nuwellis|Executive-Zorro-Flow - 10/31/2024

James Dennis Odum, MD : Nothing to disclose - 10/29/2024

Daryl Ingram, BSN, RN : Consulting Fee-Nuwellis - 10/30/2024

Megg Jacks, Other : Nothing to disclose - 10/31/2024

Janelle Schirmer, Other :

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David Askenazi, MD : Other: Consultant and Grant related to Aquapheresis, CRRT, Neonatal AKI-Nuwellis|Other: Consultant related to Nutrition in Children with Kidney Disease-Abbott Nutrition|Other: Consultant related to SCD-Seastar Medical|Grant or research support-Nuwellis|Executive-Zorro-Flow - 10/31/2024

James Dennis Odum, MD : Nothing to disclose - 10/29/2024

Daryl Ingram, BSN, RN : Consulting Fee-Nuwellis - 10/30/2024

Megg Jacks, Other : Nothing to disclose - 10/31/2024

Janelle Schirmer, Other :

***Designation/Accreditation:***

Children's of Alabama designates this Live Activity for a maximum of 10.50 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Children's of Alabama Continuing Medical Education

Neonatal and Infants Course for Kidney Support (NICKS)

***Topic(s):*** NICKS is a one and a half day program. The first day primarily focuses on didactics while the second half day focuses on application of the didactics through live simulations and case studies.

***Objectives:*** 1 Discuss the timing of kidney support therapy for neonates and infants with AKI, FO, and CKF

2 Describe the terminology of KST

3 Discuss elements of the PD prescription

4 Discuss specifics for different KST machines available for small children

5 Discuss access for patients who need KST

6 Compare the options, benefits, risks, setup, complications and monitoring for different anticoagulation options

7 Discuss rationale regarding blood flow and how to prescribe an appropriate rate

8 Review options for priming circuits and the rationale for blood primes

9 Acquire strategies for optimizing blood prime procedures

10 Discuss elements of a CVVH/CVVHD prescription

11 Discuss filtration fraction

12 Discuss approaches to ultrafiltration rate prescription

13 Troubleshoot potential ultrafiltration issues and discuss plans to address these issues

14 Review hematocrit scenarios

15 Review options for KST on Extracorporeal Membrane Oxygenation

16 Discuss approaches to making decision to start KST in ICU

17 Discuss cardio-pulmonary disease in neonates on KST

18 Discuss strategies to have the best collaborative practices for your KST program

19 Discuss cases of end-stage kidney disease in patients who required ECMO and KT and overview of their current

20 Consider the perspective of the parents and the responsibilities of taking care of babies on KST

***Date/Time:*** 2/3/2025 7:30:00 AM

***Location:*** Simulation Center in Dearth Tower

***Planners/Content Reviewers/Speakers – Disclosures:***

Planners, Content Reviewers and Speaker have the following financial relationship(s) with commercial interests to disclose:

Kara C Short, CRNP : Royalties or Patent Beneficiary-International patent of intellectual property through UAB - 10/31/2024

Tennille N Webb, MD : Nothing to disclose - 11/06/2024

Vincent Mortellaro, MD :

Traci Roberts, RPh : Nothing to disclose - 10/31/2024

Nancy Tofil, MD : Nothing to disclose - 10/31/2024

Martha McBride, CRNP : Nothing to disclose - 04/01/2024

David Askenazi, MD : Other: Consultant and Grant related to Aquapheresis, CRRT, Neonatal AKI-Nuwellis|Other: Consultant related to Nutrition in Children with Kidney Disease-Abbott Nutrition|Other: Consultant related to SCD-Seastar Medical|Grant or research support-Nuwellis|Executive-Zorro-Flow - 10/31/2024

James Dennis Odum, MD : Nothing to disclose - 10/29/2024

Daryl Ingram, BSN, RN : Consulting Fee-Nuwellis - 10/30/2024

Megg Jacks, Other : Nothing to disclose - 10/31/2024

Janelle Schirmer, Other :

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