Children's National

Pulmonary and Sleep Medicine Department

Pediatric Pulmonology: State-of-the-Art

AI Cannot Do That: Blood Gas Interpretation & Your Patient

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Virtual via ZOOM

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To claim credit, text ZARSAY to 703.260.9391

Target audience: Pediatric Pulmonologists; Advance Practice Practitioners, nurses and respiratory therapists in pulmonary medicine; Intensivists; Emergency Medicine physicians; Allergists; General Pediatricians

Learning objectives:

- Explore the importance of correct interpretation acid-base status in managing patients
- Realize that different body systems respond at different times and correct defects to different extents but all to a *limit*
- Learn that in metabolic disorders:
  i. Base excess is the least reliable measure
  ii. AG is accurate once VD and unmeasured anions and cations are accounted for
  iii. Stewart-Fencl method promises more accuracy, insight into pathogenesis and likely prognosis
- Describe current strategies for collaboration and progress in this field

Accreditation: The Medical Society of Virginia is a member of the Southern States CME Collaborative, an ACCME Recognized Accreditor. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Southern States CME Collaborative (SSCC) through the joint providership of Inova Health System Office of Continuing Medical Education and Children's National Hospital. Inova Health System Office of Continuing Medical Education is accredited by the SSCC to provide continuing medical education for physicians.

Credit designation: The Inova Office of Continuing Medical Education designates this live educational activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Physicians may claim up to 1.0 credit in Type 1 CME on the Virginia Board of Medicine Continued Competency and Assessment Form required for renewal of an active medical license in Virginia.

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