

POSTER SYMPOSIUM

SYSTEMIC OXYGEN TRANSPORT

Thursday, April 30, 1987; 10:00 A.M. - 12:30 P.M.  
MARINA BALLROOM 4  
(Hotel Convention Center)

Moderators: William Friedman and George Lister

1. EFFECTS OF HYPOXIA (H) AND SUPERIMPOSED REDUCTIONS IN CARDIAC OUTPUT (CO) ON ORGAN BLOOD FLOW (Q) AND O<sub>2</sub> METABOLISM IN PIGLETS. Barbara S. Stonestreet, Sylvia Santos Ocampo, Moses Goddard, William Oh. Brown Univ., Women & Infants Hospital, Dept. of Pediatrics, Providence, RI. (Abstract 1292).
2. VOLUME EXPANSION INCREASES CARDIAC OUTPUT (CO) BUT NOT OXYGEN DELIVERY (QO<sub>2</sub>) IN PIGLETS. W.L. Meadow, B.F. Rudinsky, K.J. Komar, V. Hill (Spon. by K.S. Lee). Wyler Children's Hosp., U. of Chicago, Chicago, IL. (Abstract 188).
3. THE EFFECT OF BLOOD TRANSFUSION THERAPY (Tx) ON OXYGEN UTILIZATION (O<sub>2</sub>Ut) IN INFANTS WITH CHRONIC LUNG DISEASE (CLD). Verena H. Isken, Dale C. Alverson, Ronald S. Cohen (Spon. by William Berman, Jr.). Univ. of Heidelberg, Heidelberg, FDR, Univ. of New Mexico, Dept. of Pediatrics, Albuquerque, NM. (Abstract 172).
4. EFFECT OF HEMOGLOBIN CONCENTRATION (Hb) ON CRITICAL (crt) CARDIAC OUTPUT (CO) AND O<sub>2</sub> TRANSPORT (SOT). Felipe Heusser, Andrea O. Ray, John T. Fahey, George Lister. Yale Univ Sch. Med., Dept. Pediatrics, New Haven, CT. (Abstract 169).
5. ORGAN BLOOD FLOW (Q), OXYGEN (O<sub>2</sub>) & LACTATE (LAC) METABOLISM IN EXPERIMENTAL GROUP B STREPTOCOCCAL (GBS) SEPSIS. Elaine S. Barefield, William Oh, Moses Goddard, Thomas Malone, Barbara S. Stonestreet. Brown Univ., Women & Infants Hosp., Dept. of Pediatrics., Providence, RI. (Abstract 1072).
6. ELEVATED CARDIAC OUTPUT (CO) WITHOUT ELEVATED O<sub>2</sub> DELIVERY (QO<sub>2</sub>) DOES NOT PROTECT AGAINST METABOLIC ACIDOSIS DURING SEPSIS IN PIGLETS. B. F. Rudinsky, E. Strates, K. J. Komar, W. L. Meadow (Spon. by K.S. Lee). Dept. of Pediatrics, U. of Chicago, Chicago, IL. (Abstract 203).
7. RESPONSE TO LOW CARDIAC OUTPUT (Q): DEVELOPMENTAL DIFFERENCES IN O<sub>2</sub> DEFICIT (O<sub>2</sub>D) AND RECOVERY IN LAMBS. John T. Fahey, George Lister. Yale Univ. School of Med., Dept. of Pediatrics, New Haven, CT. (Abstract 162).
8. OPTIMAL POSITIVE END-EXPIRATORY PRESSURE (PEEP) IN INFANTS AND CHILDREN WITH ACUTE RESPIRATORY FAILURE. Madolin K. Witte, Sharon M. Galli, Robert C. Chatburn, Jeffrey L. Blumer. Case Western Reserve Univ. School of Medicine, Rainbow Babies and Childrens Hospital, Dept. of Pediatrics, Cleveland, OH. (Abstract 215).

9. EFFECTS OF CURARE (Cu) VERSUS PANCURONIUM (P) IN THE HYPOXIC DOG. Charles V. Bender, Robert W. Gotshall (Spon. by Maurice D. Kogut). Wright State Univ., The Children's Medical Ctr., Depts. of Pediatrics and Physiology, Dayton, OH. (Abstract 1077).
10. SIMULTANEOUS CHEST COMPRESSION AND VENTILATION DOES NOT ENHANCE CEREBRAL AND MYOCARDIAL PERFUSION IN AN INFANT MODEL OF CARDIOPULMONARY RESUSCITATION. Ivor D. Berkowitz, Teerachai Chantarojanasiri, Raymond C. Koehler, Charles L. Schleien, J. Michael Dean, John R. Michael, Mark C. Rogers, Richard J. Traystman. John Hopkins Medical Institutions, Dept. of Anesthesiology/Critical Care Medicine, Baltimore, MD. (Abstract 149).