

NEONATOLOGY

FIRST SESSION

May 17, 1973, 9:00 A.M.

Continental Ballroom 6

MODERATOR: June P. Brady

1. 9:00 RESPIRATORY DISTRESS SYNDROME WITH AMNIOTIC FLUID LECITHIN/SPHINGOMYELIN RATIOS GREATER THAN TWO. Richard D. Zachman; Earl B. Olson, Jr.; Thomas A. Frantz; Margaret E. Bergseth; and Stanley N. Graven, Univ. of Wis., Dept. of Peds., St. Marys Hosp. Med. Ctr., Madison.
2. 9:15 THYROID FUNCTION IN NEWBORN RESPIRATORY DISTRESS SYNDROME (RDS) Ralph A. Redding, Celina Pereira, and John T. Barrett (Intr. by L. Stern) Lying-In Hosp. and Brown Univ., Providence.
3. 9:30 PROLONGED RUPTURE OF MEMBRANES ASSOCIATED WITH A DECREASED INCIDENCE OF RESPIRATORY DISTRESS SYNDROME (RDS). Charles R. Bauer, Leo Stern and Eleanor Colle. McGill University-Montreal Children's Hospital Research Institute Montreal.
4. 9:45 SIMPLE DEVICE FOR PRODUCING CONTINUOUS NEGATIVE PRESSURE IN INFANTS WITH IRDS. Eduardo H. Bancalari, Tilo O. Gerhardt, Monkus, E.F. (Intr. by William W. Cleveland) Dept. of Pediatrics, Univ. of Miami, Sch. of Med., Miami.
5. 10:00 A CONTROLLED TRIAL OF CONINUOUS POSITIVE AIRWAY PRESSURE (CPAP) IN RDS AND A SIMPLIFIED APPLICATION BY THE NASAL ROUTE. John Kattwinkel, Avory Fanaroff, Chul Cha, David Fleming, Roberto Sosa, Robert Crumrine, and Marshall Klaus. CWRU Sch. of Med., Depts. of Ped. and Biomed. Eng., Cleveland.
6. 10:15 ABNORMAL PARTIAL THROMBOPLASTIN TIME AND SURVIVAL IN RESPIRATORY DISTRESS SYNDROME: EFFECT OF EXCHANGE TRANSFUSION. R. A. deLemos, G. W. McLaughlin, H. P. Koch, and H. W. Diserens. Dept. of Pediatrics, Wilford Hall USAF Medical Center and University of Texas Medical School, San Antonio, Intr. by M. J. Sweeney.

- 10:30 Intermission -

7. 10:50 CORD BLOOD COAGULATION STUDIES - ASSOCIATION WITH MORBIDITY IN HIGH-RISK INFANTS. Wn. E. Hathaway, Chularatana Mahasandana, Edgar L. Makowski, and Frederick C. Battaglia. University of Colorado Medical Center, Denver, University of Southern California-Los Angeles County Medical Center, Los Angeles.
8. 11:05 CARBON MONOXIDE DIFFUSING CAPACITY IN HEALTHY AND DISTRESSED NEWBORNS. D. B. Klain, A. N. Krauss, P.A.M. Auld, Dept. of Ped., Cornell Univ. Med. Coll., New York City.
9. 11:20 PLACENTA TO FETUS TRANSFUSION IN UTERO DURING ACUTE HYPOXEMIA IN FETAL LAMB. K. Omori, D. L. Phelps, G. C. Emmanouilides, and W. Oh, UCLA Sch. of Med., Harbor Gen. Hosp., Torrance.
10. 11:35 INCREASED UTERINE ACTIVITY & FETAL DETERIORATION DURING EXPERIMENTAL HYPERTHERMIA, H.O.Morishima, B. Glaser, W. H. Niemann, S.S. Daniel & L. S. James, Division of Perinatology, College of Physicians & Surgeons, Columbia University, N.Y.

NEONATOLOGY

SECOND SESSION

May 19, 1973, 2:00 P.M.

Continental Ballroom 6

11. 2:00 A FLUX DAY--OBSERVATIONS ON FACTORS INFLUENCING THE LIGHT ENVIRONMENT OF INFANTS. Jerold Lucey, Thomas Wolk, James Bottoggi and Richard Klein. Dept. of Ped. and Botany, Univ. of Vt., Med. Ctr. Hosp. of Vt., Burlington.
12. 2:15 BIOLOGIC RHYTHM OF LOW BIRTH WEIGHT NEWBORNS: PLASMA HUMAN GROWTH HORMONE. Thomas R. C. Sisson, and Allen W. Root. Temple Univ. School of Medicine, Philadelphia. (Intr. by Angelo Di George)
13. 2:30 A QUANTITATIVE METHOD FOR DETERMINATION OF NON-ALBUMIN-BOUND BILIRUBIN IN NEWBORN SERUM. Jorgen B. Jacobsen and Richard P. Wennberg, (Intro. by W. Alan Hodson) Dept. Ped., Univ. of Wash., Seattle.
14. 2:45 SUBSEQUENT GROWTH OF LOW BIRTH WEIGHT INFANTS FOLLOWING PHOTOTHERAPY. Joan E. Hodgman, Annabel J. Teberg, Paul Y. K. Wu. (Intr. by Paul F. Wehrle.) Los Angeles County-USC Medical Center.
15. 3:00 INSENSIBLE WATER LOSS IN PRE-TERM INFANTS EXPOSED TO NONIONIZING RADIANT ENERGY. Paul Y. K. Wu, Joan E. Hodgman. (Intr. by John A. James). Dept. of Pediatrics, LAC-USC Medical Center, Los Angeles.

- 3:15 Intermission -

16. 3:35 INTRALIPID: USE IN THE NUTRITIONALLY COMPROMISED PREMATURE INFANT. Betty Bernard and Salvador J. Garcia. (Intr. by Paul F. Wehrle). USC School of Medicine, Los Angeles.
17. 3:50 EFFECTS OF CORRECTION OF LATE METABOLIC ACIDOSIS ON GROWTH AND MINERALS IN VERY LOW BIRTHWEIGHT ( $<1.3$ kg) INFANTS (VLBW). Ingeborg C. Radde, Graham W. Chance, Kathryn Bailey, John O'Brien, Gillian M. Day, Josepha Sheepers (Intr. by Paul R. Swyer). Depts. Neonatology & Endocrinology, Research Inst. Hosp. for Sick Children, Toronto.

18. 4:05 TRACHEAL SUCTION IN MECONIUM ASPIRATION, Pauline Ting and June P. Brady, Children's Hosp., Dept. of Pediatrics, San Francisco, (Intro. by S. Giammona)
19. 4:20 IMPAIRED ARTERIAL OXYGENATION AFTER FEEDING IN NEWBORN INFANTS. Max Klein, V.C. Harrison and H. deV. Heese. (Intr. by W. H. Tooley). Dept. of Pediatrics, University of Cape Town, South Africa
20. 4:35 A WALKING BLOOD DONOR PROGRAM FOR REGIONAL NEONATAL INTENSIVE CARE NURSERIES (ICN'S). Braden E. Griffin, Mohamad R. Sedaghatian, Belton P. Meyer, Montgomery C. Hart, William J. Daily. St. Joseph's and Good Samaritan Hosps. Phoenix.