I - RESPIRATORY CARE, PULMONARY DISEASES AND BPD - Part 1

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ESTIMATING THE ENDOTRACHEAL TUBE INSERTION LENGTH IN NEWBORN INFANTS USING WEIGHT OR GESTATION: A RANDOMIZED CONTROLLED TRIAL

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THE COMPARISON OF TWO DIFFERENT WEANING METHODS FOR CONTINUOUS POSITIVE AIRWAY PRESSURE

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THORACIC FLUID CONTENT AND RESPIRATORY DISTRESS IN PRETERM INFANTS: A LONGITUDINAL **BIOREACTANCE STUDY**

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EFFECTS OF FREQUENCY (F) AND TIDAL VOLUME (VT) ON CO2 REMOVAL (VCO2) DURING HIGH FREQUENCY OSCILLATORY VENTILATION (HFOV) OF HEALTHY NEONATAL PIGLETS

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A SINGLE CENTRE EXPERIENCE ON CONGENITAL DIAPHRAGMATIC HERNIA ENHANCING COMPREHENSION OF **RISK FACTORS FOR MORTALITY**

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RESPIRATORY FAILURE IN A PRETERM NEONATE WITH A COMBINATION OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR GENE MUTATIONS: A CASE REPORT

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II - NUTRITION / GROWTH

Chair: C. Härtel, Lübeck, Germany; William W. Hay Jr., Denver, USA

THE EFFECT OF POSTNATAL CORTICOSTEROID ON BROWN ADIPOSE TISSUE IN NEONATAL RATS Y.S. Chang¹, S.Y. Hou², C.H. Lin¹, Y.S. Tsai²

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SHORT-CHAIN FATTY ACID CONCENTRATIONS IN HUMAN MILK CONSUMED BY INFANTS BORN AT DIFFERENT GESTATIONAL AGES AND THE VARIATIONS IN CONCENTRATION PER LACTATION STAGE

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CHANGES IN HUMAN MILK MACRONUTRIENT, LYSOZYME AND LACTOFERRIN COMPOSITION DURING MILK PROCESSING IN VILNIUS DONOR HUMAN MILK BANK

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LACTOBACILLUS ACIDOPHILUS/BIFIDOBACTERIUM INFANTIS PROBIOTICS ARE BENEFICIAL TO EXTREMELY LOW GESTATIONAL AGE INFANTS IN THE CONTEXT OF HUMAN MILK EXPOSURE

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IMPACT OF PDA ON POSTNATAL GROWTH AND COGNITION OF VERY LOW BIRTHWEIGHT INFANTS

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SEVERE UPPER GI BLEEDING IN NEWBORNS WITH DIFFERENT ETIOLOGIES

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ARE LATE PRETERM INFANTS AT RISK FOR METABOLIC BONE DISEASE?

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III - BRAIN AND NEURODEVELOPMENTAL OUTCOME

Chair: C. Bührer, Berlin, Germany; N. Marlow, London, UK

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DAILY AMPLITUDE OF CEREBRAL REGIONAL OXYGEN SATURATION AS A PROGNOSTIC TOOL FOR CARDIOPULMONARY STABILITY IN NEWBORNS WITH RESPIRATORY DISORDERS: A PROSPECTIVE OBSERVATIONAL STUDY

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APOPTOSIS AND CONSECUTIVE BLOOD BRAIN BARRIER BREAKDOWN AS A POTENTIAL KEY MECHANISM IN UREAPLASMA-DRIVEN NEUROINFLAMMATION

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SURGICAL NECROTIZING ENTEROCOLITIS BUT NOT SPONTANEOUS INTESTINAL PERFORATION IS ASSOCIATED WITH ADVERSE NEUROLOGICAL OUTCOME AT SCHOOL AGE

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IMPLEMENTATION OF TELEMEDICINE SCREENING FOR RETINOPATHY OF PREMATURITY IN RURAL AREAS IN GUATEMALA

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