

Fifth European Postgraduate Course in Neonatal and Pediatric Intensive Care

March 15-17, 2001

**University Children's Hospital, Inselspital
Bern/Switzerland**



**Sponsored by the European Society of
Pediatric and Neonatal Intensive Care (ESPNIC)**

Final Programme

Scientific Programme, Thursday, March 15, 2001

08.45 h Opening of the Course

09.00 – 12.50 h **Neurological Intensive Care**
Chairman: O. Bänziger, Zürich

09.00 – 10.30 h 1 Brain imaging techniques in neonatal and pediatric intensive care
G.A. Taylor, Boston

2 Pathophysiology of brain injury in term and preterm infants
A.D. Edwards, London

10.30 – 11.00 h Coffee Break

11.00 – 12.50 h 3 Hypoxic-ischemic encephalopathy in neonates and children – an
ethical dilemma
J. Pfenninger, Bern

4 Selection criteria for trials of brain protection in neonates
O. Bänziger, Zürich

Round Table: Brain protection after birth asphyxia
Chairman: O. Bänziger, Zürich

A.D. Edwards, R.C. Tasker, B.P. Wagner, D.L. Wessel

12.50 – 14.00 h Lunch

14.00 – 18.00 h **Neurological Intensive Care**
Chairman: R.C. Tasker, Cambridge

14.00 – 16.00 h 5 Management of traumatic brain injury
N. Stocchetti, Milano

6 Benzodiazepine treatment for status epilepticus
R.C. Tasker, Cambridge

7 Emergencies of inborn errors of metabolism leading to coma and
Convulsions
V. Prietsch, Heidelberg

16.00 – 16.30 h Coffee Break

Scientific Programme, Friday, March 16, 2001

08.30 – 12.15 h **Sepsis and septic shock**
Chairman: F. Shann, Melbourne

08.30 – 10.15 h 9 The toxic shock syndromes
C. Aebi, Bern

10 Myocardial function in sepsis and septic shock
D.J. Bohn, Toronto

11 From sepsis to multiple organ dysfunction
J.A. Hazelzet, Rotterdam

10.15 – 10.45 h Coffee Break

10.45 – 12.15 h 12 Extracorporeal techniques in sepsis
F. Shann, Melbourne

Round Table: My approach to the patient in septic shock
Chairman: D.J. Bohn, Toronto

C. Aebi, J.A. Hazelzet, F. Shann, R.C. Tasker

12.15 – 14.00 h Lunch

14.00 – 18.00 h **Update in respiratory intensive care**
Chairman: D.J. Bohn, Toronto

14.00 – 16.00 h 13 Pleural empyema – what kind of approach?
M. Tönz, Bern

14 Towards gentle ventilation: Open the lung and keep it open – but avoid
Overdistension
P. Rimensberger, Genève

15 Adjuncts to positive pressure ventilation: surfactant replacement
therapy, nitric oxide, prone position ventilation
D.J. Bohn, Toronto

16.00 – 16.30 h Coffee Break

16.30 – 18.00 h 16 Management of severe respiratory failure and pulmonary hypertension
in the newborn
J.-C. Mercier, Paris

17 Bronchopulmonary dysplasia in the post-surfactant era
S. Kotecha, Leicester

Scientific Programme, Saturday, March 17, 2001

- 08.30 – 12.00 h** **Cardiovascular intensive care**
Chairman: J. Pfenninger, Bern
- 08.30 – 10.15 h 18 Splanchnic perfusion in shock and inflammatory states
J. Takala, Bern
- 19 Fluid therapy in head injury and sepsis
F. Shann, Melbourne
- 20 Brain protection during cardiopulmonary bypass
D. Wessel, Boston
- 10.15 – 10.45 h Coffee Break
- 10.45 – 12.00 h **Round Table: Perioperative management of difficult cardiovascular malformations in the neonatal period**
Chairman: M. Leijala, Helsinki
- T. Carrel, J.-P. Pfammatter, D.J. Wessel