

Holistic Approach to Children with Chronic Lung Disease

Wanida Pao-in, MD.

Div. Pulmonology & Crit Care

Dept. Pediatrics,

Faculty of Medicine

Thammasart University

Suchada Sritippayawan, MD.

Div. Pulmonology & Crit Care

Dept. Pediatrics,

Faculty of Medicine

Chulalongkorn University

Case illustration

- **Triplet, GA 25 weeks**
- **Triplet A (male) 635 g, triplet B (female) 720 g, triplet C (female) 605 g**
- **APGAR: A-2,7, B-1,7, C-1,7**
- **Surfactant, on mechanical ventilator, antibiotics since birth**
- **Triplet B died at DOL 2 because of pulmonary hemorrhage**

Case illustration

Triplet C

- BW 605 g, HC 21 cm, Ht 30, APGAR 1,7
- Ventilator support: conventional mode

Initial setting: Conventional mode PIP 15
cmH₂O, PEEP 4 cmH₂O, IMV rate 60/min,
T_i 0.34 sec, FiO₂ 0.8

Case illustration

- **Antibiotics, antifungal**
- **Dopamine to maintain BP**
- **PRC, furosemide**
- **Monitor fluid, electrolytes**
- **Indomethacin for PDA closure**
- **PPN**
- **Enteral feeding: start at DOL 3, full feed at DOL 13**

Chest x-ray at DOL 1

