



**Combined Australasian Trauma Society
and Trauma Association of Canada
Annual Scientific Meeting**

**REAL CHILDREN IN PAEDIATRIC TRAUMA SIMULATION – SÜDTIROL
(EUROPE)**

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Aim

Various types of simulators exist, ranging from simple models to highly advanced, computer-driven systems corresponding to a very wide offer of courses often without an unified and homogenous educational strategy from basic to highly advanced neonatal/paediatric resuscitation courses.

The aim was to unify and integrate teaching models and materials of simulation in paediatric resuscitation integrating real children in Trauma scenarios.

Methods

Screening of existing courses in our area with trauma issues and stepwise educational and formal integration between 2003-2008:

Italian PBLS Paediatric Life Support since 1998, Italian PALS Paediatric Advanced Life Support 1998-2004, European PALS ("EPLS") since 2003, Paediatric Trauma Course/Module since 2005 in provider and instructor courses including real children, highly advanced Simulation with paediatric mannequins including CRM Crisis Resource Management since 2007.

Results

Integration between Italian PBLS and European PALS (2003).

Paediatric Trauma Course with real children (Argentina 1990 / Spain 1996 / Southtyrol 2005) well-suited since 2005 as supplementary module to european PALS and Instructor-courses in 2006 (Skill) and 2007 (scenarios). First (2008) homogenous course offered in our region: 1st level: PBLS(1day), 2nd PALS (2 days), 3rd level: advanced paediatric simulation integrating real children (5 scenarios with mannequins, 2 scenarios with children, 1 day).

Conclusions

Integration of different courses is possible increasing cost effectiveness. Real children in Simulation increase realism, communications kills and meet face to face with the specific pediatric patient situation. Is 't time for a unique International Standard for Paediatric Simulation Training (from basic to highly advanced).

Images: Real Children in Paediatric Simulation – Südtirol 2005-2008



Line 1: Training and preparation of children
Line 2: basic, advanced Trauma Skills/Scenarios
Line 3: Real Children in highly advanced Scenarios

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