Standard Paediatric Resuscitation Courses meet realistic life-like environment for Simulation


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Background:
Paediatric Basic & Advanced Life Support Courses has been introduced as EPLS European Paediatric Life Support of ERC European Resuscitation Council in 2004 by PICU Paediatric Intensiv Care Unit of Medical School Hannover in Lower Saxony (Germany) in cooperation with Alpine Paediatric Life Support Training Center/White Cross Southtyrol.

Conceptual Underpinnings:
Standard paediatric resuscitation courses of ERC and AHA American Heart Association) set the bases to start with highly advanced and/or highly realistic simulation training.

Material/Procedures:
More than 500 participants in Paediatric Intensiv Care Network Lower-Saxony participated in the EPLS-courses between 2004-2008. Highly advanced Simulation with very realistic setting has been realized in 2008 in cooperation with DRF, German Air rescue, Firebrigade Hannover & White Cross Southtyrol in ambulance-car-setting. In 2009 EPLS has been combined with highly realistic setting in daily indoor- and outdoor-settings of normal live. It was an EPLS-Recertification course in setting of realistic scenarios with videodebriefing

Evidence for the benefit of the Concept
Realistic Simulation with videodebriefing increase acceptance of recertification courses, because the provider courses are different from recertification. Standard courses helps to prepare highly advanced Simulation providing good Algorhythm knowledge.

Conclusions / Next Steps
aim: to bring participants from PBLS/EPLS/PALS and EPLS recertification courses to highly advanced Simulation with good bases knowledges & skills (www.provinz.bz.it/se/paednotmed), ERC/AHA-courses are very helpful. Intermediate simulation settings as at www.drk-sitz.de could be useful. Realistic environment makes recertification more attractive and prepares for highly advanced simulation. Different levels of Simulation should be used following needs of participants.

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