Background and aims: The Utsteyn formula of survival is teaching that survival = science x medical education x LOCAL education. Have we really implemented pediatric resuscitation training using classical and simulation way of performance?

Aims: Since 70ies American Academy of Pediatrics is running Pediatric emergency course, which gave start to several national and international courses. Do we have a clear idea what we are teaching between traditional and simulation based courses? The aim of this abstrat is to discuss what we are doing during teaching.

Methods: Revision of 15 year experience on pediatric resuscitation courses in a well defined region studying the approach by EXPRESS-simulation study group to bring classical pediatric resuscitation training towards tools of simulation as structured debriefing. A 2 years period from 2011 to 2013 has been studied in Europe. Different simulation tools has been evaluated. Video-introduction of clinical cases are very helpful to enter in scenario training. Virtual vitalparameter patient monitors are powerful means to enhance realism. Realistic heart- and lung sounds bring Pediatric simulation training closer to clinical practice.

Results: This is an ongoing study. We are collecting data to show, that simulation- and Pals-Training can be adapted to original pediatric approach to patient: clinical assessment, monitoring and auscultation as in real life of pediatrician inside and outside of hospital from rural environments to PICU. Conclusion: It seems that our approach after 2 courses is on a good way to combine pediatric practice with selected simulation teaching tools. Ongoing results will be published on www.0-18.eu and www.provinz.bz.it/se/paednotmed. More trial centers are wished.