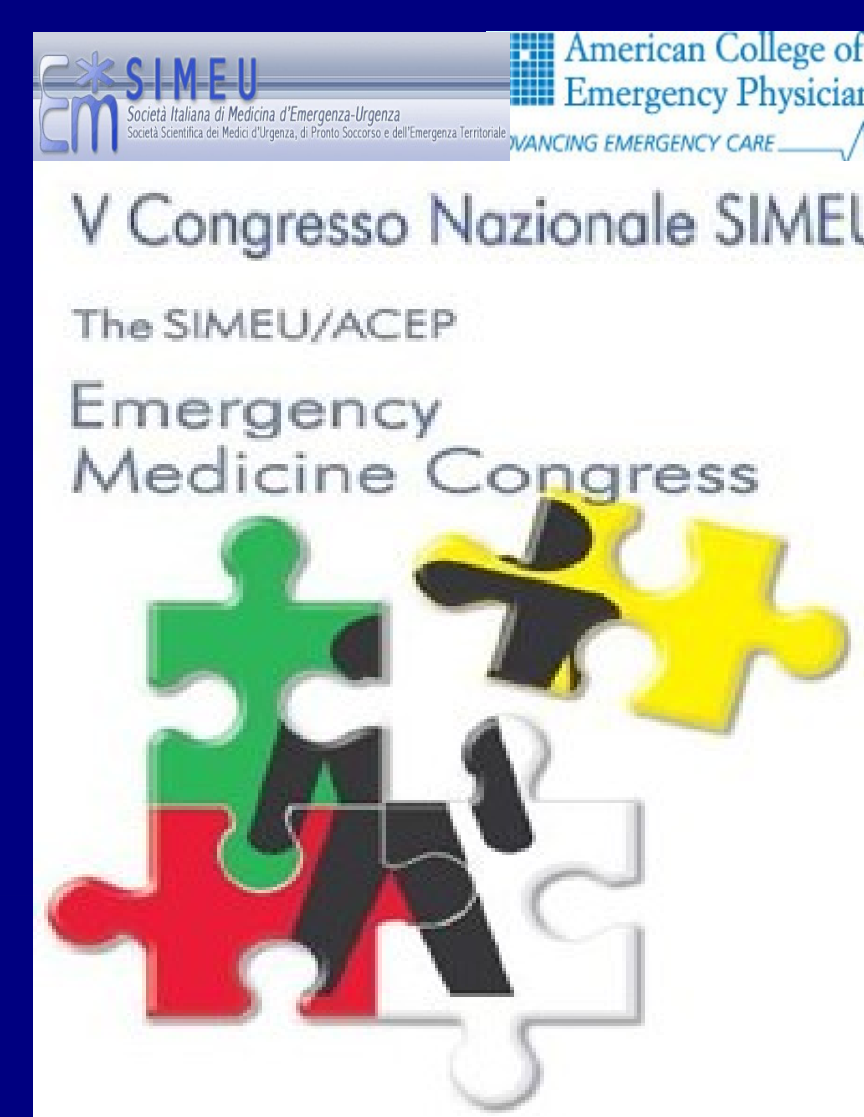


IMPLEMENTATION OF PLS PEDIATRIC LIFE SUPPORT SOUTH TYROL - HANNOVER



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South-Tyrol
population: 495.000 hab.

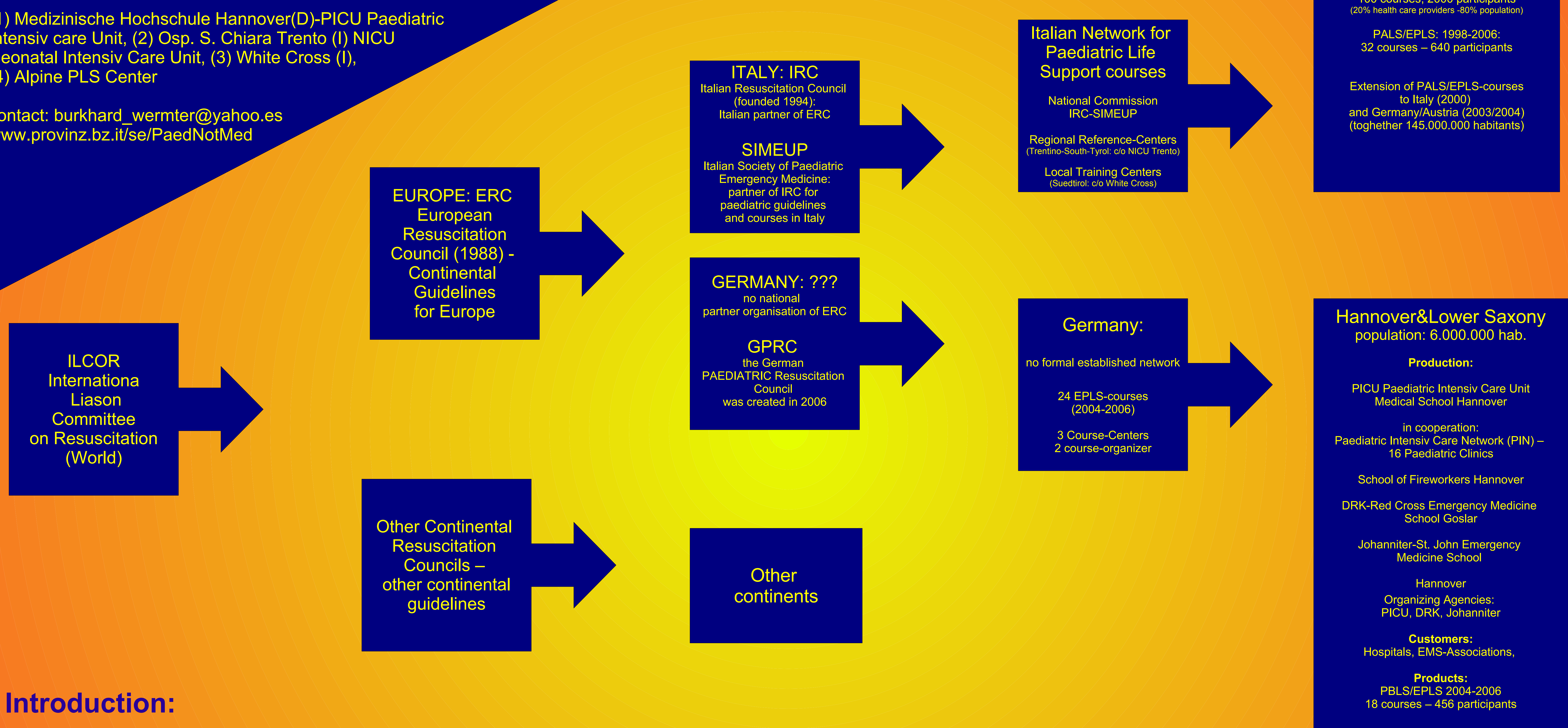
Production:
IRC-SIMEUP-Training Center
South-Tyrol (Partner of National Network)
Organizing Agency: White Cross (EMS)-
32 sections all over SouthTyrol with
centralised education

Customers:
Hospitals, EMS-Associations,
Southtyrolean Health Department,
Southtyrolean School Department

Products:
PBLs: year 2006
100 courses, 2000 participants
(20% health care providers -80% population)

PALS/EPLS: 1998-2006:
32 courses – 640 participants

Extension of PALS/EPLS-courses
to Italy (2000)
and Germany/Austria (2003/2004)
(together 145.000.000 habitants)



Introduction:

Transfer from Medical Science → Education → LOCAL Implementation

can be dealt by regional networks if epidemiological impact is aimed. We compare 2 regional Training networks for Paed. Life support in Italy & Germany linked by international cooperation.

Material & Methods:

Southtyrol (3 official languages: German, Italian, Ladin (Raetoromanic)): Integration of Paediatric Life Support National Network (IRC Ital. Resuscitation Council/SIMEUP Ital.Soc.Paed. Emerg. Medicine) and Regional Education Network of local EMS Association White Cross linked by regional Reference-Center at Neonatology Trento. Interdisc. instructors of Paediatrics, Neonatology & Emerg. Medicine with physicians, nurses, paramedics. Start 1998: PBLs/PALS Paediatric Basic/Advanced Life Support. Since 2003 european version of PALS: EPLS European Paediatric Life Support/ European Resuscitation Council: export to Germany/Austria creating german speaking Instructors for reimport to Southtyrol.

Hannover: PICU network Lower Saxony: 16 Paediatric dep. coordinated by PICU Hannover. Joint CME & Critical Patient treatment. Intrahospital Resuscitation/Educational Management at Hannover dealt by university PICU. Resus. Training updated/upgraded with italian/european courses & cooperation with local emerg. assoc. were introduced via italian cooperation. The German Paediatric Resuscitation Council was created

Results & conclusions:

Southtyrol: 2006: 100 PBLs-courses, 2000 participants. 20% healthcare providers/80% lay persons (mainly personal of Kindergarten sponsored by Southtyr. Edu. Dep.). PBLs mandatory for paramedics/nurses on ambulances (regional laws). 1998-2006: 32 PALS/EPLS courses: 640 participants. From Southtyrol (495.000 hab.)PALS/EPLS were extended to Italy, Germany & Austria (146 million hab.).

Hannover upgraded CME with international course products via Italy. 2004-06: 18 PBLs/EPLS courses, 456 participants. PICU 100% physicians, 51% nurses PBLs/EPLS accredited.

We conclude: integration of local structures involved in emerg. medicine linked with national & internat. networks is a powerful instrument to implement PLS-courses.