

Integrating Human Factors into APLS teaching ALSG

Background and Aim

- Advanced Paediatric Life Support is taught worldwide
 - 5000 candidates/year worldwide
 - APLS has advanced resuscitation training for children
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-but....., APLS focuses on skills and knowledge.....

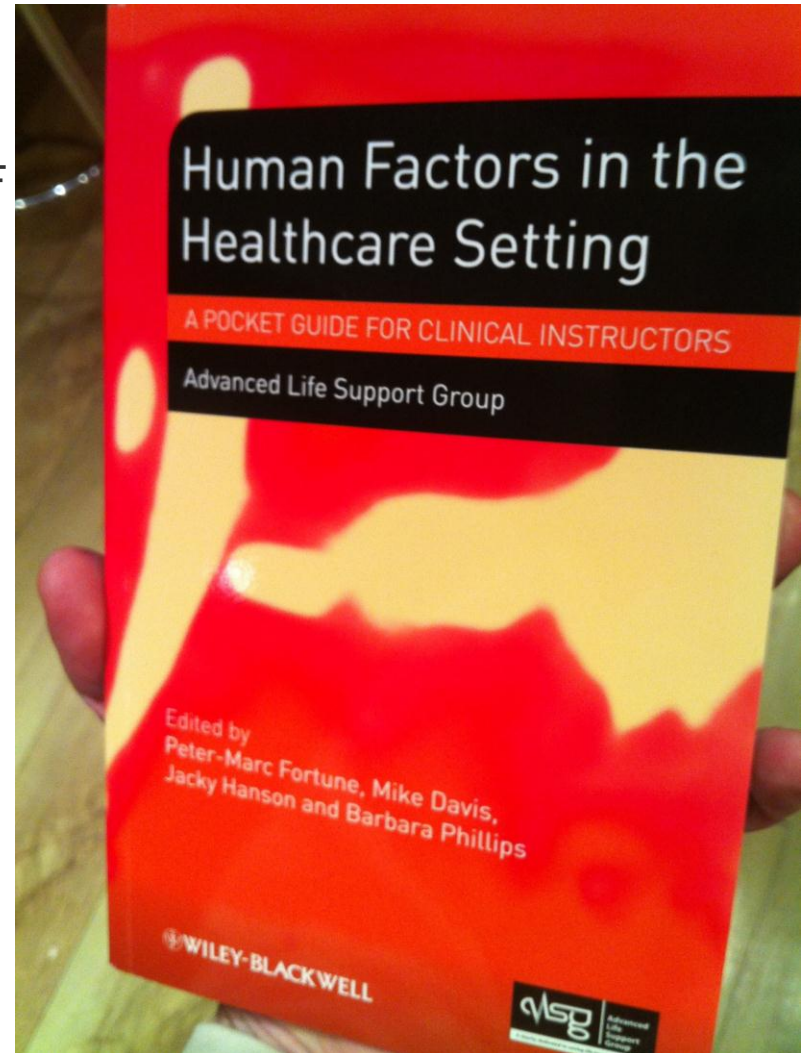
We know

- Resuscitation also needs
 - Team Work
- Human Factors are essential too.
 - APLS offers an opportunity to integrate HF into teaching.



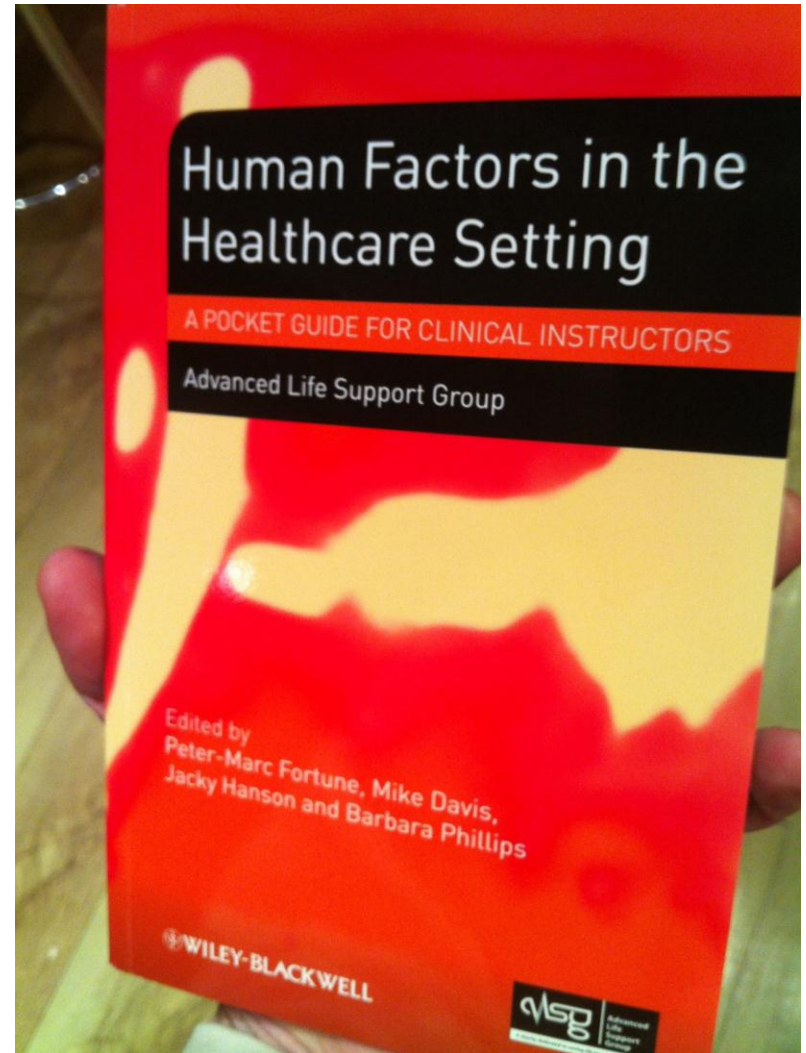
What did we do?

- Developed a 'Champions Model'
 - We trained experienced instructors in HF issues
 - We developed a 1-day HF champions course with online supported learning.
 - We wrote and published a guide to HF training for Life support instructors.
 - Course designed to integrate HF issues into APLS teaching
 - Aim is for each APLS course will eventually have an HF champion on the faculty



What's on the course?

- MedEd designed content
 - Intro to HF
 - Personality and Behaviour
 - Tiredness and Fatigue
 - Situational Awareness
 - Organisation and culture
 - Leadership
 - Decision Making



Evaluation

- Results from first 4 courses.
 - Global assessment of course content 3.32 (1-5 scale)
 - Self assessment of ability to perform as HF champion 3.34 (1-5 scale)
- Qualitative assessments
 - Feedback positive
 - Awaiting further feedback from provider courses
- Personal experience (SDC)
 - Moulage stations on APLS are excellent settings to introduce candidates into HF issues.
 - Most if not all moulage stations allow discussion of HF related factors.
 - Great opportunity to embed HF into life support teaching.

What we believe (the summary)

- APLS and other advanced life support courses offer real opportunities for the integration of human factors learning.
- At the current time we believe that this is an untapped opportunity.
- ALSG has designed and delivered a course to deliver HF training for APLS and plans to roll this out to other courses in the near future.
- We would encourage all those involved in life support education to do likewise and seize the learning opportunities available to instructors and candidates alike.



The team

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- Barbara Phillips - Paediatrics
- Jackie Hansen - EM
- Mike Davies – Med Ed
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- For more information please contact ALSG
- <http://www.alsg.org>

