

Safer Healthcare: Five Opportunities to Learn
Sir Liam Donaldson, World Health Organisation
Teleclass broadcast sponsored by Virox Technologies Inc. (www.virox.com)

Safer healthcare: five opportunities to learn



Sir Liam Donaldson
ICPIC 2011
International Conference on Prevention and Infection Control · Geneva · Switzerland

Teleclass broadcast of this lecture sponsored by:
Virox Technologies Inc www.virox.com

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Accidents are largely systems failures

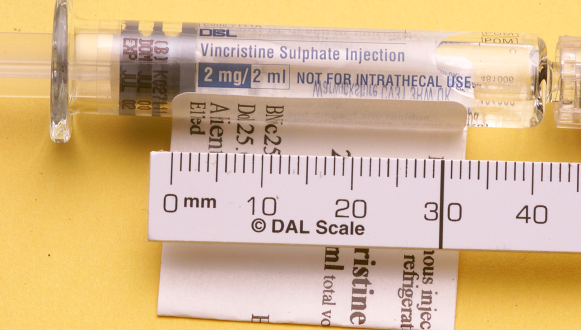
The classic medical accident



The seeds of destruction



PRE-FILLED SYRINGE CONTAINING VINCRIStINE
ILLUSTRATING THE WARNING WRITTEN IN BLUE TEXT

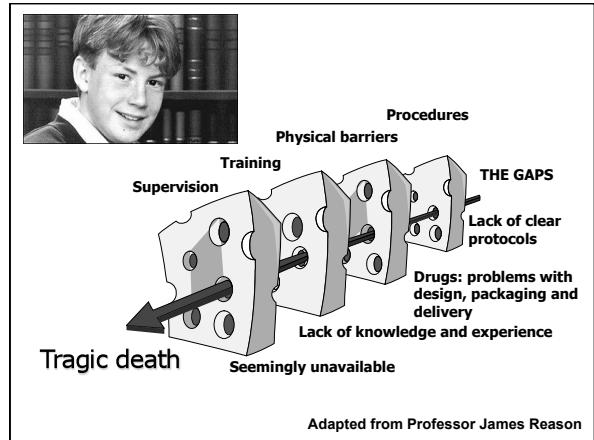
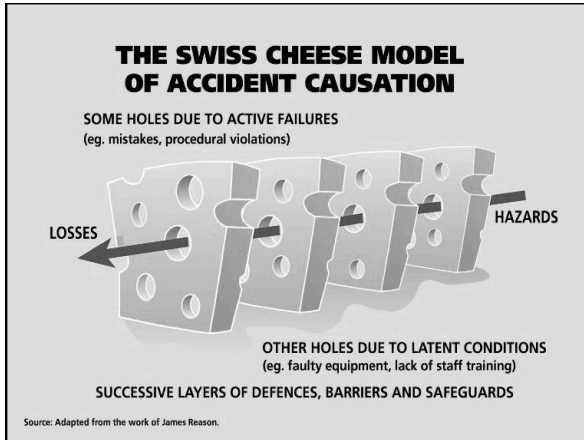


The point of no return



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Resources from the World Health Organisation

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Simple errors cost lives

Madison Emily Perry – killed in 2005

Source: In memory of Madison Emily Perry - <http://www.madison-perry.memory-of.com/Timeline.aspx>, 2005

Normal heart
Fallot's tetralogy

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A deadly prescription



PATIENT'S NAME:-	Madison Emily Perry	ADMINISTRATION DATE	
REGULAR DRUG	Date and Frequency		
HEPARIN	15 000		
Pharmacy	Duane		
INSTRUCTIONS FOR ADMINISTRATION			
DRUG Approval of name: [] Route: [] Dose and Frequency: [] Initial: []			

No abbreviations



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Safe teamwork is not just about doctors and nurses

2006 Annual Report of The Chief Medical Officer
 On the State of Public Health

Department of Health

Dirty hands... the human cost

MAIN FEATURES
 Healthcare Associated Infection
 Organ Transplants
 Radiotherapy
 Long-term-Related Deaths
 Women in Medicine

Clean Care is Safer Care

- Through the promotion of best practices in hand hygiene and infection control, the First Global Patient Safety Challenge aims to reduce health care-associated infection (HCAI) worldwide



The My Five Moments Approach

Making it easier to

- understand
- remember
- practice

the hand hygiene indications at the point of care



Sax H, Allegranzi B, Uçkay I, Larson E, Boyce J, Pittet D. J Hosp Infect 2007;67:9-21

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Systems are important but so are well-trained, safety-wise staff

Maurice Murphy – killed 2011

Source: London Evening Standard, January 2011

Departure from procedure

The risks of nasogastric tubes

2004

11 deaths, 1 severe harm* (2003-2005)

2005

5 deaths, 6 severe harm (2008)

2010

21 deaths (to date)

2009

Nasogastric tubes – findings from a national audit of junior doctors

Only 25% stated that the tube should be below the diaphragm on the gastric side

WORLD ALLIANCE FOR PATIENT SAFETY

WHO PATIENT SAFETY CURRICULUM GUIDE FOR MEDICAL SCHOOLS

A SUMMARY

DOWNLOAD THE GUIDE FOR FREE AT:
http://www.who.int/patient_safety/activities/technical/medical_curriculum/en/index.html

World Health Organisation

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Other industries have a lot to teach healthcare about risk

Graham Reeves – killed in 2000



Source: The Telegraph 2002


Risk cultures

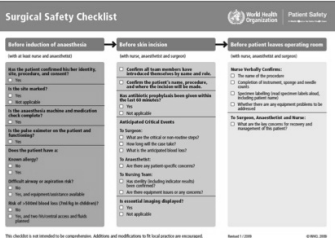



Second Global Patient Safety Challenge



WHO Surgical Safety Checklist





Safe Surgery saving lives

	Baseline	Checklist	P value
Cases	3733	3955	-
Death	1.5%	0.8%	0.003
Any Complication	11.0%	7.0%	<0.001

Haynes et al. A Surgical Safety Checklist to Reduce Morbidity and Mortality in a Global Population. *New England Journal of Medicine* 360:491-9. (2009)

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