Patient Safety: Concepts & Practicalities
Sir Liam Donaldson, World Health Organisation
Broadcast live from the annual conference of the infection Prevention Society

Patient Safety: Concepts and Practicalities
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Triangulating System
Clinician Culture

System

The classic medical accident

The seeds of destruction

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The point of no return

**THE SWISS CHEESE MODEL OF ACCIDENT CAUSATION**

SOME HOLES DUE TO ACTIVE FAILURES (e.g. mistaken, procedural violations)

OTHER HOLES DUE TO LATENT CONDITIONS (e.g. faulty equipment, lack of staff training)

SUCCESSIVE LAYERS OF DEFENCES, BARRIERS AND SAFEGUARDS

Source: Adapted from the work of James Reason

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Tragic death

The Swiss Cheese Model of Accident Causation

THE GAPS
- Lack of clear protocols
- Drugs: problems with design, packaging and delivery
- Lack of knowledge and experience
- Seemingly unavailable

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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

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The My Five Moments Approach
Making it easier to understand remember practice the hand hygiene indications at the point of care

Hand hygiene compliance improvement around the world
Baseline: 23,596 opportunities Follow-up: 24,627 opportunities

Pearl Gelman – killed in 2007

Can it be done? Michigan, USA
Reductions in ICU catheter-related blood stream infections across the whole State of Michigan USA

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WHO Surgical Safety Checklist

Safe Surgery saving lives

A final comment on checklists

"Of course, checklists are not the final step toward optimizing surgical quality..... In the meantime, checklists seem to have crossed the threshold from good idea to standard of care."

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1:300
1:10,000,000

Commercial aviation versus healthcare: comparative risks

Global action to save lives

Source: Donaldson L. When will healthcare pass the orange-wire test? The Lancet 2004; 364: 1567-1568

International Members Welcome .... www.ips.uk.net

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