

E-LEARNING – a new approach to behavioural change

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Introduction

Basic hygiene including hand hygiene is considered to be the most effective way of reducing cross-infection. Compliance among Health Care Workers (HCWs) is low, and the need for educational material, which can support behavioural change is evident

Aim

To uncover, explain and understand HCWs' lack of compliance in order to develop educational material to support a behavioural change

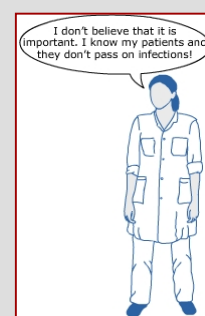
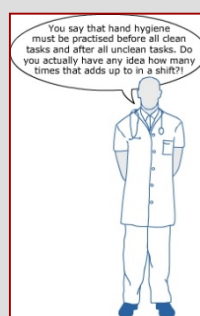
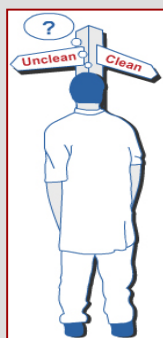
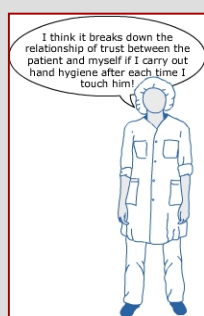
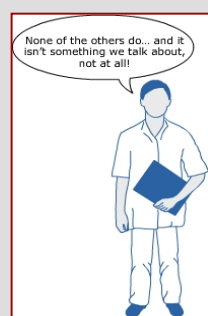


Methods

Literature review, qualitative questionnaire and interviews of HCWs in hospitals and primary sector were conducted. The outcome was analyzed using psychological, philosophical, pedagogical, sociological and anthropological theories

Outcome

Hygiene and especially hand hygiene deeply affect the relations between people, and is difficult to talk about without compromising the other part. Behaviour and the way we look at orderliness are a result of close interaction between people. Performance of hygiene is controlled by visual dirt, by knowledge gained through experience and experiments but also by the setting that hygiene is performed in.



Recommendations for educational material on hand hygiene which can support behavioural change should:

Start a dialog

Encourage reflection

Provide knowledge

Visualize microorganisms

To facilitate a behavioural change one must appeal to all intelligences

H. Gardner

Intrapersonal intelligence

Ability to self-reflect and be aware of one's inner state of being



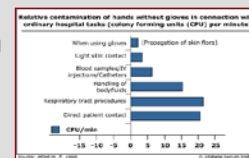
- Try to understand their inner feelings, dreams, relationship with others, and strengths and weaknesses



Logical/mathematical intelligence

Ability to use reason, logic and numbers

- Think conceptually in logical and numerical patterns making connection between pieces of information
- Ask lot of questions and like to do experiments



Verbal/linguistic intelligence

Ability to use words and language

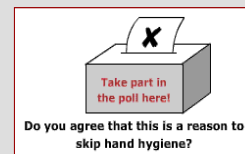
- Think in words rather than pictures



Interpersonal intelligence

Ability to relate and understand others

- Try to see things from other peoples' point of view in order to understand how they think and feel



Musical/rhythmical intelligence

Ability to produce and appreciate music

- Think in sounds, rhythms and patterns

Visual/spatial intelligence

Ability to perceive the visual

- Think in pictures
- Enjoy looking at maps, videos and movies



E-learning offers the possibility of appealing to a variety of intelligences. It is flexible and convenient and enables people to work at any place where access to the internet is available

<http://www.ssi.dk/hygiene>

