

# Nudging Weaning in the Right Direction

*an electronic quality improvement tool to support multidisciplinary ventilation weaning in ICU*

**Lisa McIlmurray, MPhil RCN**

*Queen's University Belfast & CHI at Temple Street Dublin*

**Bronagh Blackwood, Charles Gillan & Murali Shyamsundar**

# Technology & Big Data in ICU

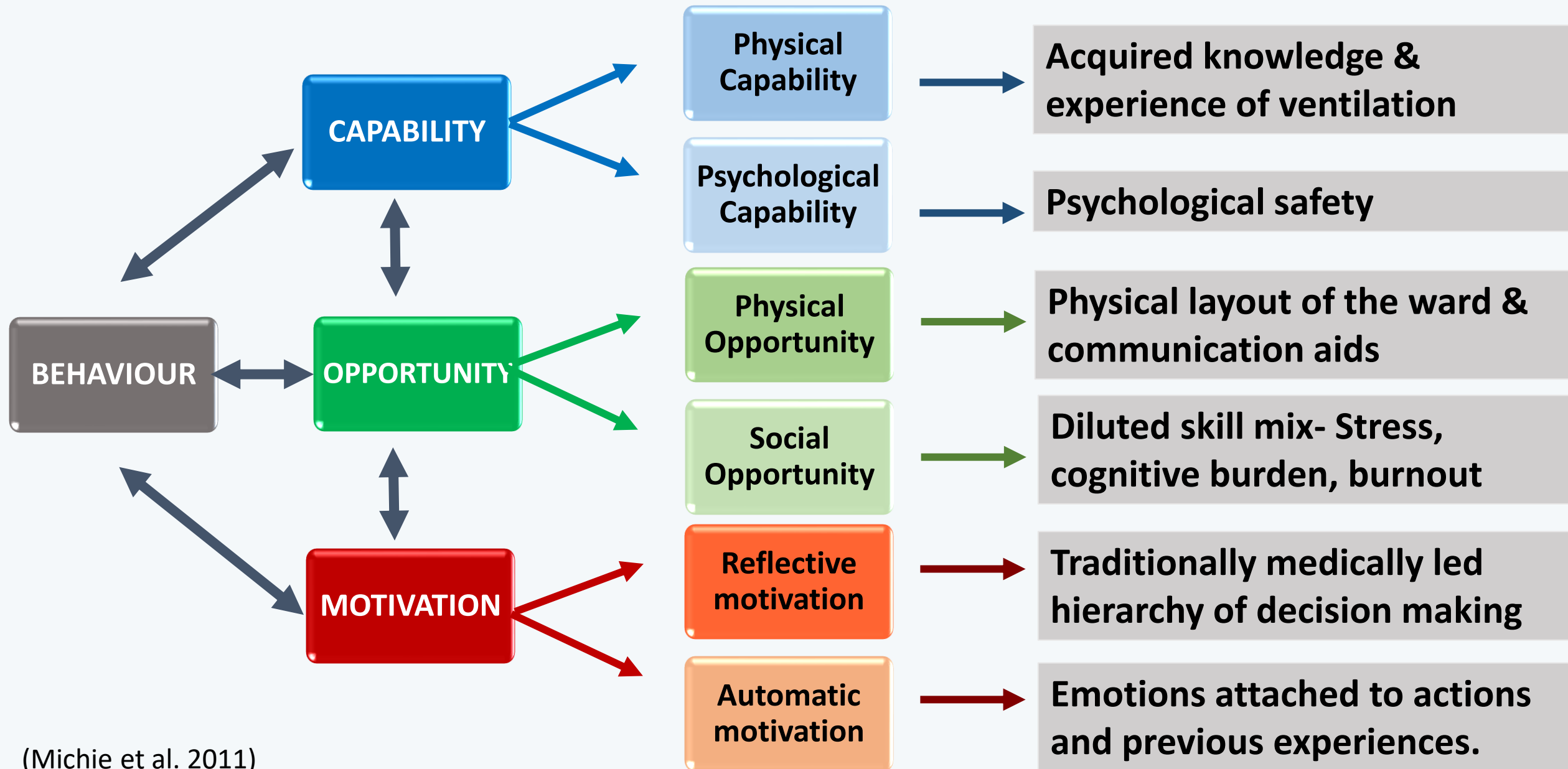


**‘to refine an electronic nudge tool  
prototype interface prior to testing its  
effectiveness in ICU’**

# Prototype Development Methods

- 1. Staff interviews & observations of ICU practice**
- 2. 9 multidisciplinary focus group feedback sessions**
  - Interface appearance**
  - Interactive features**
- 3. Weekly design meetings with electrical engineers**
- 4. On site testing of prototype linkage to live data**

# Prototype Development Methods

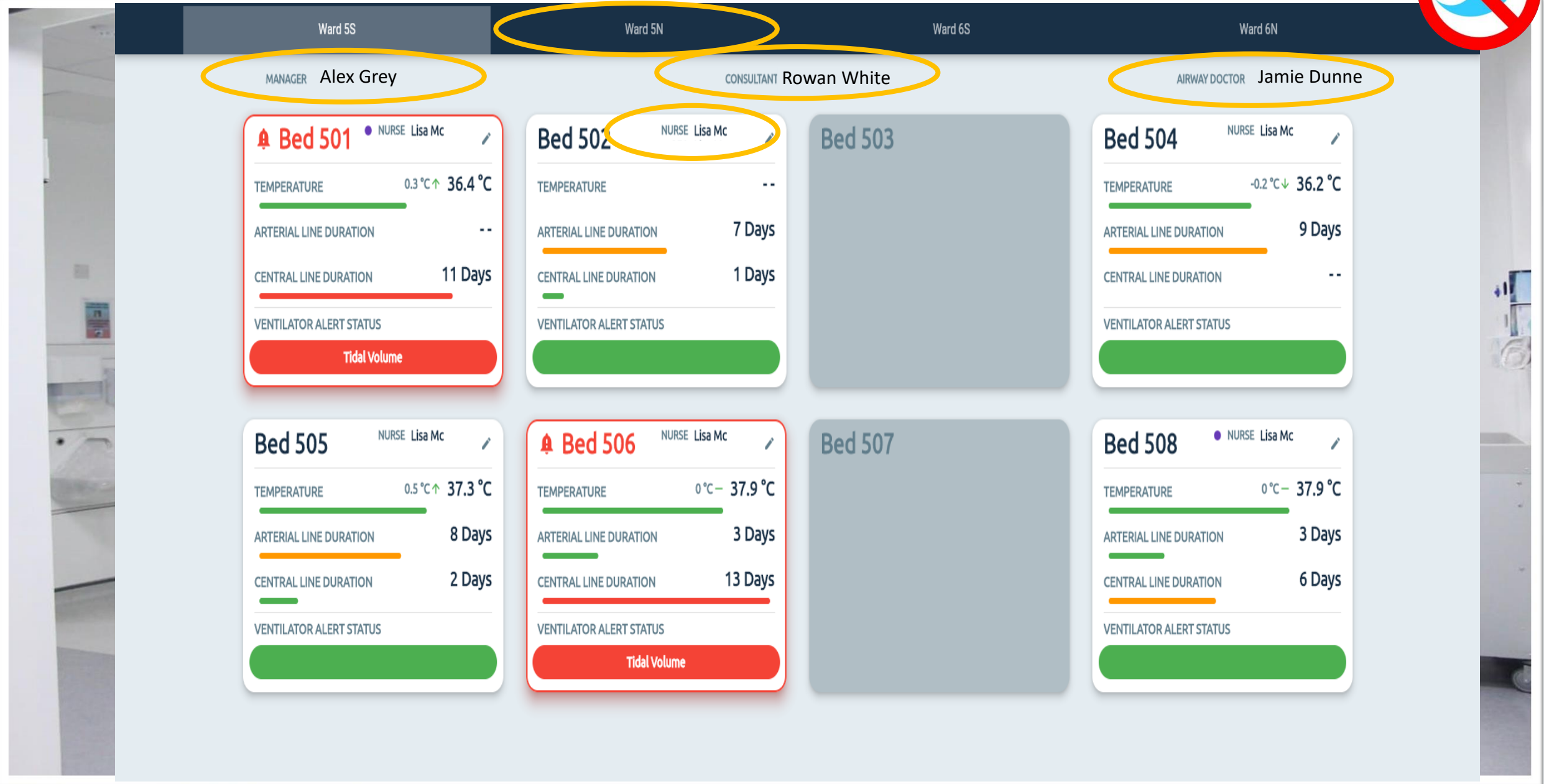




# Prototype Interface Refinement – eNudge Tool

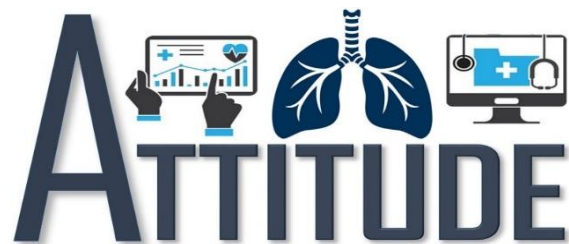


# Prototype Interface Refinement- eDashboard





# Thank you



@Lisa.Mcilmurray



[l.mcilmurray@qub.ac.uk](mailto:l.mcilmurray@qub.ac.uk)

