

Overcome

Reducing ICU patients' anxiety through medical alarms feedback provision

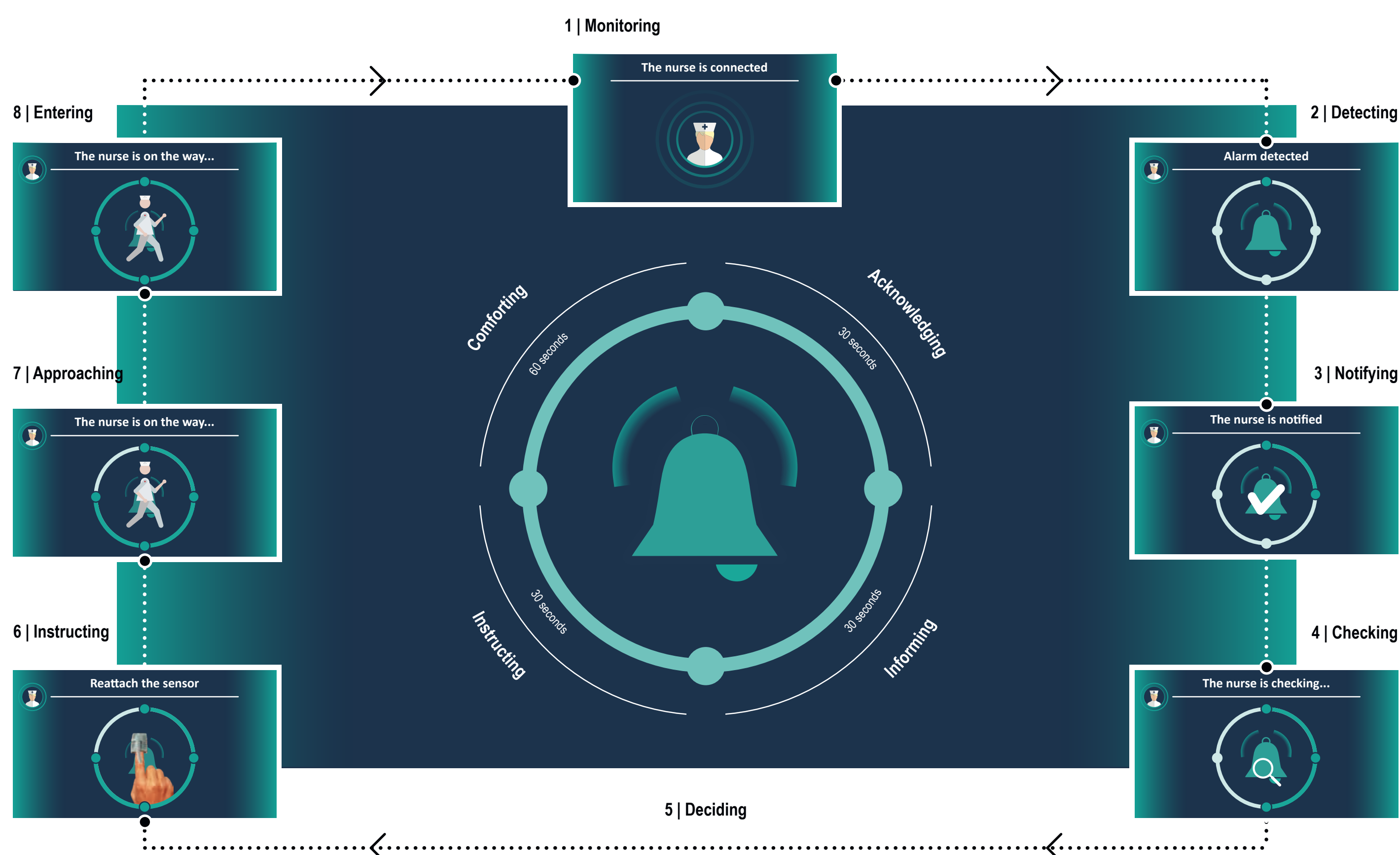


“Alarms become part of your dreams in the Intensive Care. Being critically ill, and surrounded by ambiguous alarms, means living with the anxiety of never knowing what to expect”

Overcome is a feedback interface designed to enable nurses to communicate by a distance with patients to reduce the risks of developing a state of anxiety when a medical alarm goes off. Through the provision of feedback, Overcome informs patients about the nurses' decisions over medical alarms

while they are approaching the room thus restoring the perceived sense of safety. Information about the decisions made by nurses over an alarm, as well as information regarding the reason for an alarm, promote medical alarms understanding and reduce the uncertainty of dying that patients can experience

when exposed to ambiguous alarms and when they have to wait longer than expected before receiving the nurses' support. Indeed, medical alarms feedback provision reassure the patients and positively influencing their state of anxiety that may result in reduced stress levels.



Salvatore Luca Cucinella
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Committee Dr Elif Özcan Vieira
Dr Jos Kraal
Dr Diederick Gommers
Company Erasmus Medical Center

