



## Article

# Scoping review of the use of virtual reality in intensive care units

Hill, James Edward, Twamley, Jacqueline, Breed, Hetty, Kenyon, Roger, Casey, Rob, Zhang, Jennifer and Clegg, Andrew

Available at <http://clock.uclan.ac.uk/39967/>

*Hill, James Edward ORCID: 0000-0003-1430-6927, Twamley, Jacqueline, Breed, Hetty, Kenyon, Roger, Casey, Rob, Zhang, Jennifer and Clegg, Andrew ORCID: 0000-0001-8938-7819 (2021) Scoping review of the use of virtual reality in intensive care units. Nursing in Critical Care . ISSN 1362-1017*

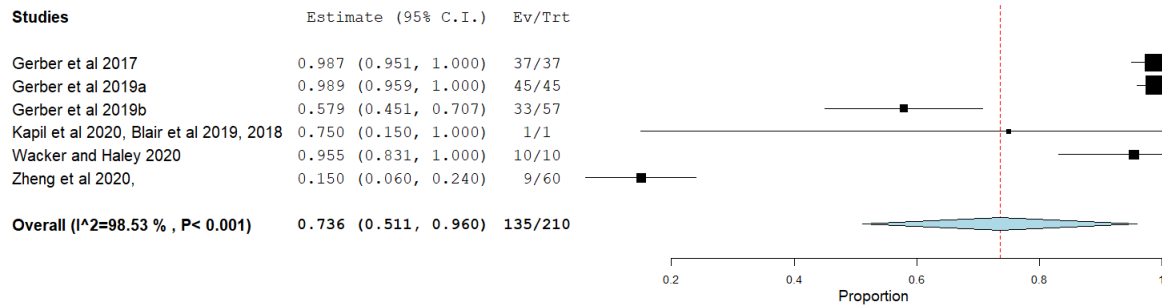
It is advisable to refer to the publisher's version if you intend to cite from the work.  
<http://dx.doi.org/10.1111/nicc.12732>

For more information about UCLan's research in this area go to <http://www.uclan.ac.uk/researchgroups/> and search for <name of research Group>.

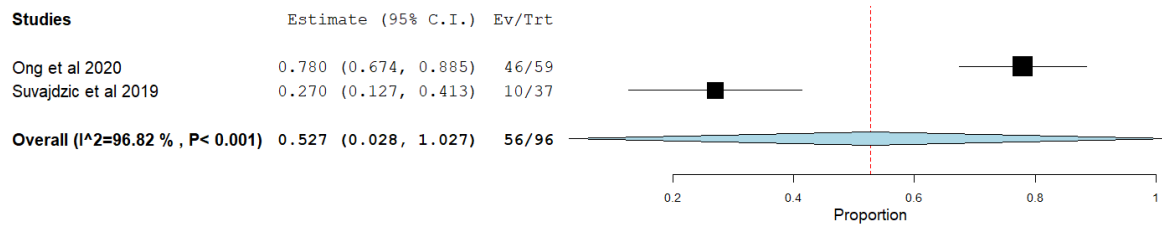
For information about Research generally at UCLan please go to <http://www.uclan.ac.uk/research/>

All outputs in CLoK are protected by Intellectual Property Rights law, including Copyright law. Copyright, IPR and Moral Rights for the works on this site are retained by the individual authors and/or other copyright owners. Terms and conditions for use of this material are defined in the [policies](#) page.

## Supplementary electronic file 1: Meta-analysis for completion rates of target treatment



### *Pooled estimates of completion rates of target treatment for VR for relaxation in ICU patients*



### *Pooled estimates of completion rates of target treatment for VR for delirium in ICU patients*

## MEDLINE search strategy.

Search Number	Query	Hits	Database	Date searched
1	virtual reality/	2381	Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to January 08, 2021	12/01/2021
2	(virtual reality or immersive technolog*).tw.	10437		
3	(head mounted display or helmet mounted or oculus or htc vive).tw.	1864		
4	1 or 2 or 3	12645		
5	exp Critical Care/	59303		
6	Intensive Care Units/	56962		
7	(intensive care or critical care or icu or icus or ccu or ccus).ti,ab,kw.	196775		
8	(intensive therapy or intensive treatment or intensive recovery or coronary care unit* or post an?esthesia care).tw.	15526		
9	(high dependency unit* or medical step down unit*).tw.	705		
10	(life support or mechanically ventilated).tw.	23653		
11	critical* ill*.tw.	53135		
12	or/5-11	280593		
13	4 and 12			