BibTeX:  
@INPROCEEDINGS{8115411,   
author={L. Chen and T. W. Day and W. Tang and N. W. John},   
booktitle={2017 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)},   
title={Recent Developments and Future Challenges in Medical Mixed Reality},   
year={2017},   
volume={},   
number={},   
pages={123-135},   
abstract={Mixed Reality (MR) is of increasing interest within technology- driven modern medicine but is not yet used in everyday practice. This situation is changing rapidly, however, and this paper explores the emergence of MR technology and the importance of its utility within medical applications. A classification of medical MR has been obtained by applying an unbiased text mining method to a database of 1,403 relevant research papers published over the last two decades. The classification results reveal a taxonomy for the development of medical MR research during this period as well as suggesting future trends. We then use the classification to analyse the technology and applications developed in the last five years. Our objective is to aid researchers to focus on the areas where technology advancements in medical MR are most needed, as well as providing medical practitioners with a useful source of reference.},   
keywords={Databases;Market research;Mobile communication;Surgery;Training;Virtual reality},   
doi={10.1109/ISMAR.2017.29},   
ISSN={},   
month={Oct},}

**Bibliography**

# Medical field in the present world is a must for every animal on this earth. Mixed Reality (MR) is of increasing interest within technology- driven modern medicine but is not yet used in everyday practice. There are lots and lots of researches going on about how to integrate mixed reality with the medical field so that people can use it in day today life. The paper explores the emergence of Mixed Reality technology and the importance of its utility within medical applications.

# A research has been presented in this paper that results and reveals a taxonomy for the development of medical Mixed Reality research during the current period. This also present the future trends. In this paper, a classification method is used to analyze the technology and applications developed in the last five years. The objective is to aid researchers to focus on the areas where technology advancements in medical Mixed Reality is most needed. And it’s been tried to bring up the Mixed Reality concept in real medical world by providing the feature to medical practitioners with a useful source of reference.

# This paper also focuses on the technical challenges. There are other factors that might affect the use of mixed reality technology in which one of them is often reluctance of the medical profession to embrace changes in their field. A prediction has been made that Mixed Reality technology will be adopted into everyday medical practices.

**References:**

* <http://ieeexplore.ieee.org.libproxy.uml.edu/stamp/stamp.jsp?arnumber=8115411>
* UML Library guides

"This is entirely my own work, except as disclosed in the documentation. I gave help to the following persons:   
None  
Signed Kiran C Shettar"