



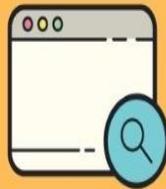
The Impact of Immersive and Non-Immersive Virtual Reality Trends in Sensorimotor Recovery of Post-Stroke Patients



META-ANALYSIS



PRISMA Guidelines for Systematic Reviews and Meta-Analysis



Google Scholar, PEDro, MEDLINE, Cochrane Library and Web of Science



Stroke **OR** Post-stroke **AND** Stroke Rehabilitation **AND** Virtual Reality **AND** Sensorimotor Feedback



Randomized controlled trials published in English language from **2010 to 2020**

Study Characteristics



Post-stroke patients Aged >18 years

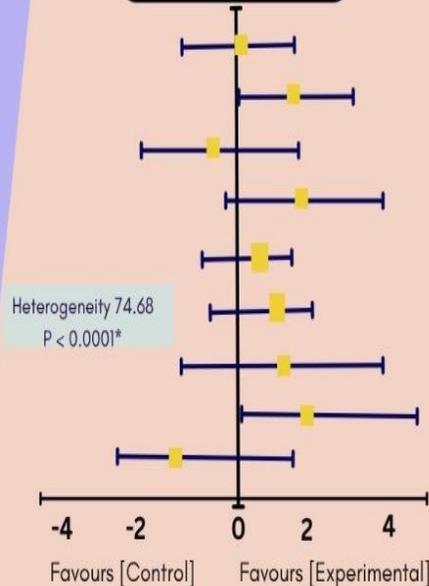


Virtual reality vs. Traditional physiotherapy



Fugl-Meyer Assessment Scale for Upper Extremity

Forest Plot



Low risk of bias



Moderate ES
SMD 0.498

Conclusion

The review supports the use of emerging VR trends, both immersive and non-immersive, for sensorimotor recovery which demonstrated significant improvement in overall FMA outcomes compared to control groups across all phases of stroke



Rizvi, Jaza, Sumaira Imran Farooqui, Abid Khan, Bashir Ahmed Soomro, and Bataol Hassan. "The Impact of Immersive and Non-immersive Virtual Reality Trends in Sensorimotor Recovery of Post-Stroke Patients-A Meta-Analysis." *Journal of Intellectual Disability-Diagnosis and Treatment* 9 (2021): 555-564.