



Example systematic review projects for the Medical Student Systematic Review Group

*These projects are examples from 2020, and not the actual projects on offer in 2021.
We will post the 2021 projects in November 2021.*

Short summary	Summary	Potential areas for student involvement	Anticipated time period for student involvement	Number of students
Respiratory failure	Efficacy of prone position in awake patients with respiratory failure	Literature searching, title and abstract screening, full text screening, data extraction, data analysis.	3-6 months	2-3
Early detection of cancer	Early detection and diagnosis of cancer	Literature searching, title and abstract screening, full text screening, data extraction, quality assessment, data analysis	6 weeks to 6 months	2
Integrated healthcare for children	Integrated healthcare for children and young people	Full text screening, data extraction, quality assessment, data analysis	12 months	3-4
Prostate cancer	The early detection and treatment of lethal prostate cancer	Literature search, text evaluation, synthesis and writing	4-6 months	1-3
Advanced Multimorbidity	Multi-perspective experiences of uncertainty in the context of advanced multimorbidity	Title/abstract screening, Full text screening, Data extraction, Potentially literature searching/quality assessment/analysis	Nov 20 - Mar 2021; Sept 21 onwards	1-2
Blended exercise interventions	outcomes of blended exercise interventions in multi-morbid older adults	Title and abstract screening, full text screening, data extraction, quality assessment	3-6 months	2
Screening programmes	Delivering screening programmes in primary care	Title and abstract screening, full text screening, data extraction, quality assessment, commenting on drafts. For co-authorship we would be looking for help with title and abstract screening,	Oct 20 - Mar 21	2



		full text screening and basic level data extraction as well as commenting on drafts.		
Improving Insomnia	the effectiveness of non-pharmacological interventions to improve insomnia or sleep quality in individuals with psychosis	literature searching, title and abstract screening, full text screening, data extraction, quality assessment	Nov 20- May 21	1
Anticoagulation persistence	Anticoagulation persistence in patients with atrial fibrillation	All areas are potential – initially literature searching/screening, definite scope for data extraction/data analysis as review moves forward.	Dec 20 onwards	1-3
Management of diabetes	The association between patient activation, self-management behaviours and clinical outcomes in diabetes and related metabolic disorders	literature searching, title and abstract screening, full text screening, data extraction, quality assessment	Oct/Nov 2020 - March 2021	3
Sample size; clinical trials	Adjusting the sample size during the course of a clinical trial – is it worthwhile?	potentially - literature searching, title and abstract screening, full text screening, data extraction, quality assessment, data analysis	Flexible	1
Sentinel node localisation	Does the interval between radioisotope scan for sentinel node localisation and surgery have an impact on outcomes in cancer?	Does the interval between radioisotope scan for sentinel node localisation and surgery have an impact on outcomes in cancer?	6 months	2
Effect of Chronological Age on the Cell Surface	The Effect of Chronological Age on the Cell Surface Characterisation and Differentiation Potential of	Literature searching, title and abstract screening, full text screening, data extraction, quality assessment	80 hours	2



	Mesenchymal Stromal Cells			
Effect of Gender on the Cell Surface	The Effect of Gender on the Cell Surface Characterisation and Differentiation Potential of Mesenchymal Stromal Cells	Literature searching, title and abstract screening, full text screening, data extraction, quality assessment	80 hours	2
Colorectal neoplasia	Risk prediction models for the incidence of post-colonoscopy advanced colorectal neoplasia	Title and abstract screening, Full text screening, Data extraction, Quality assessment and Data analysis	4-6 months	1

See more about the Medical Student Systematic Reviews Group here:

<https://www.phpc.cam.ac.uk/pcu/education-and-training-overview/undergraduate-medical-education/medical-student-systematic-reviews-group/>