

Digital Appendix Systematic Cochrane Review and Meta-Analysis on Psychological Interventions to Foster Resilience in Healthcare Professionals

Appendix D5 Detailed Search Results of Both Searches (With Separate Flow Charts)

Using the original search strategy (Appendix D3.1), the database searches retrieved 32,184 records (including 1,601 from trials registers). An additional 100 records were found by searching other resources. Following de-duplication, the remaining 20,410 records were screened by title and abstract. Of these, 18,116 records were deemed to be irrelevant and the full texts of the remaining 2,294 records were sought for further assessment. On the level of title/abstract screening, a good agreement ($\kappa = .70$) between reviewers was achieved.

2,294 full text reports were retrieved. Based on the original eligibility criteria of this review (see Appendix D17.1), 251 studies met the inclusion criteria. Eighteen ongoing studies and 46 studies awaiting classification were identified (in total: 315 studies from 376 reports); 1,918 reports were excluded as irrelevant. The full text screening for the first search resulted in excellent inter-rater reliability ($\kappa = .95$).

After revising the eligibility criteria to focus on **healthcare professionals** (HCP) based on a broad definition of this target group (see Appendix D17.1), the studies found by the initial screening were reassessed. From these, 49 studies were identified that were performed in any of these groups. One ongoing study and 10 studies awaiting classification were also identified. Finally, after revising the eligibility criteria to focus on HCP, these 60 studies were reassessed. From these, 28 studies were identified that fulfilled the inclusion criteria (see Eligibility criteria in 2.2.1). One study awaiting classification was also identified. The results of the original search are presented in Figure D5.1.

From 2016 onwards, the search strategy was refined to focus broadly on the healthcare sector (including HCP; Appendix D3.2). The searches yielded 6,116 records (5,553 + 563). Based on these broad criteria, six additional reports of studies identified by earlier searches were found. Thirty-one studies were newly identified that were performed in any of these groups, eight ongoing studies and 19 studies awaiting classification. These 58 studies were reassessed according to the narrower population, which is the focus of this review (HCP only). From these, 16 studies were

identified that fulfilled the inclusion criteria. Five ongoing studies and seven studies awaiting classification were also identified. The full text screening for the top-up searches also resulted in excellent inter-rater reliability ($\kappa = 1$). The results of the top-up searches are presented in Figure D5.2.

Figure D5.1

Study Flow Diagram for Original Searches (January 1990 to October 2016) Taken From Kunzler et al.

(2020)

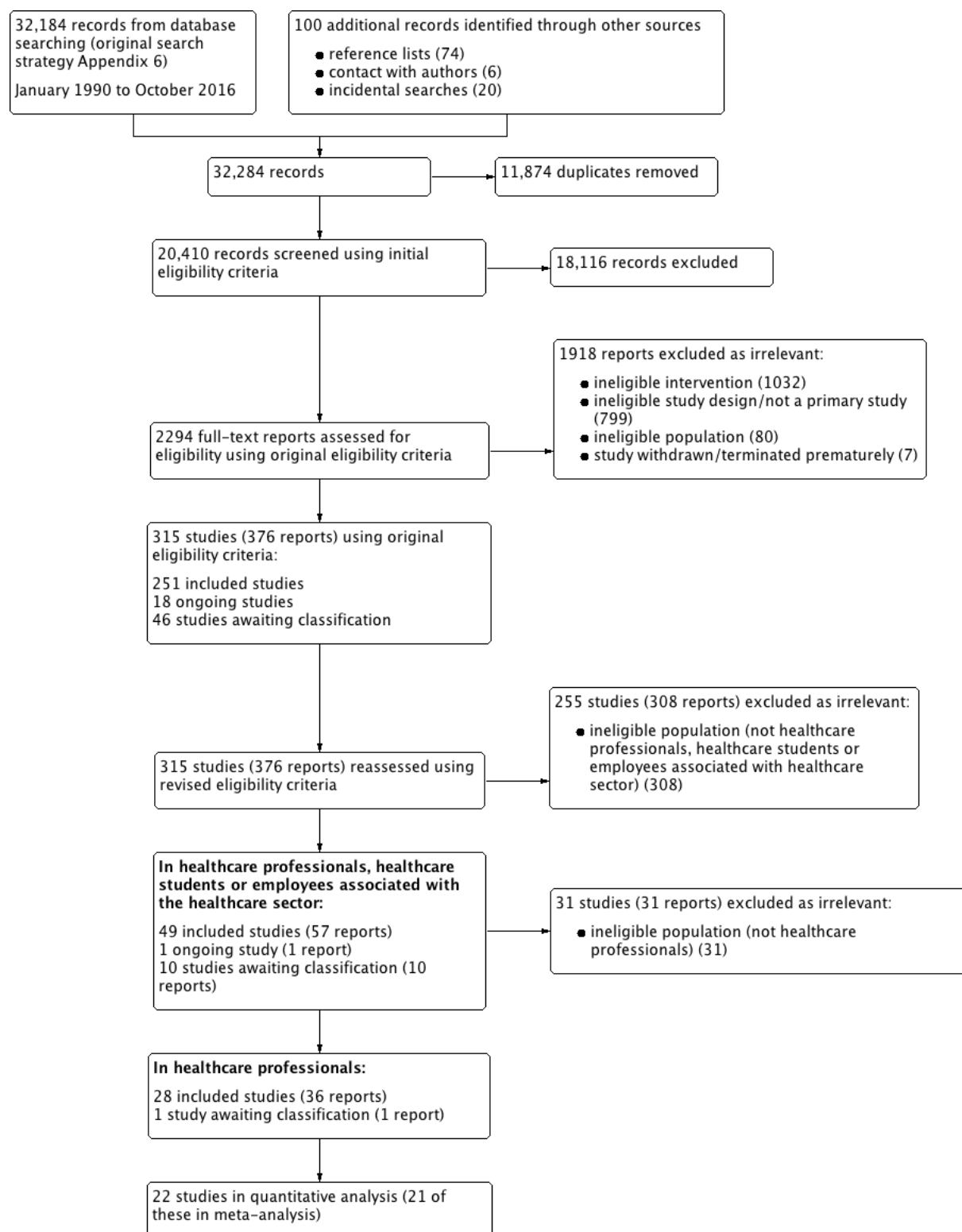
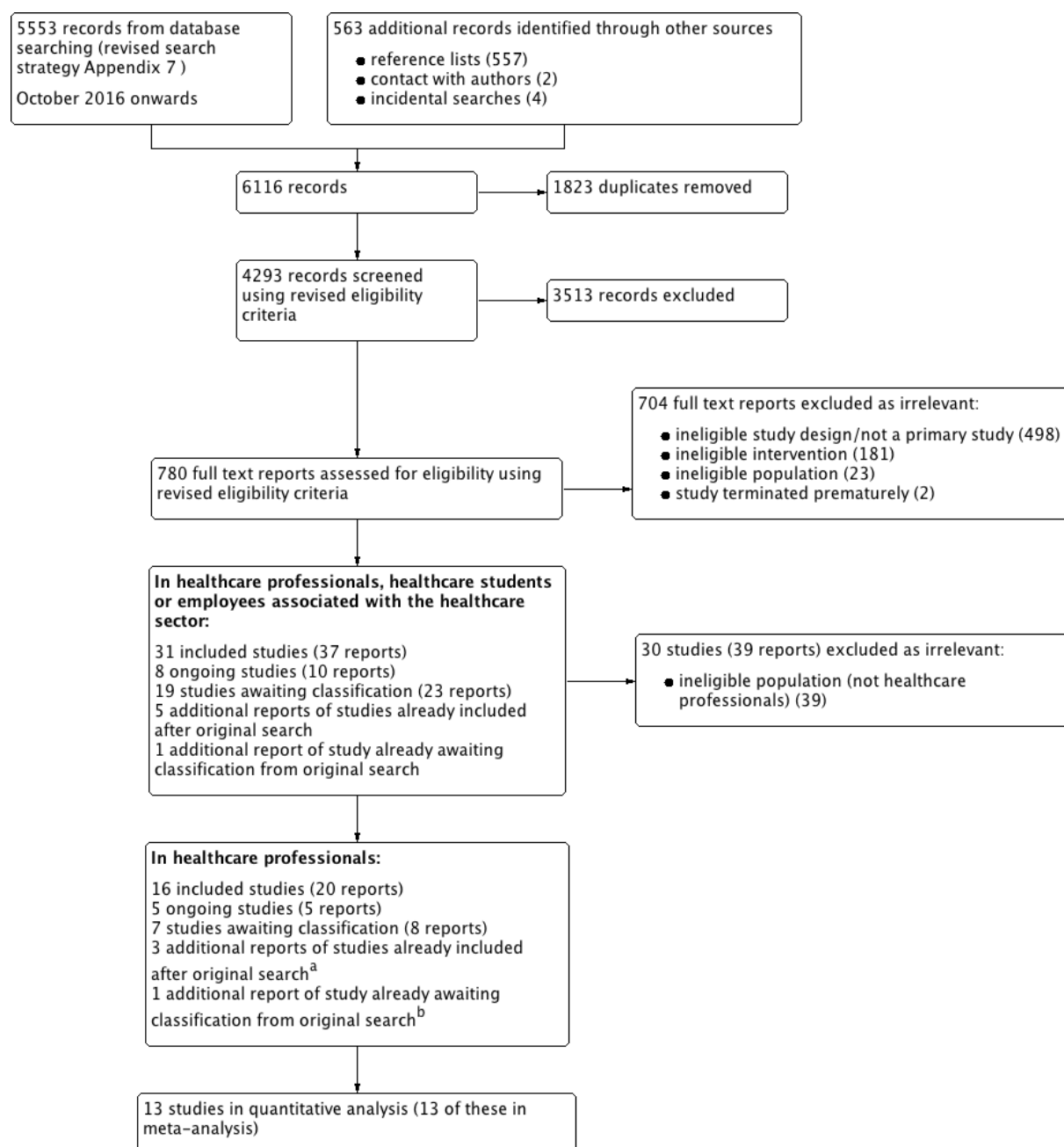


Figure D5.2

Study Flow Diagram for Revised Searches (October 2016 Onwards) Taken From Kunzler et al. (2020)



Note. ^a Duchemin et al. (2015); Mistretta et al. (2018); Schroeder et al. (2016); ^b Van Berkel et al. (2014).

References

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