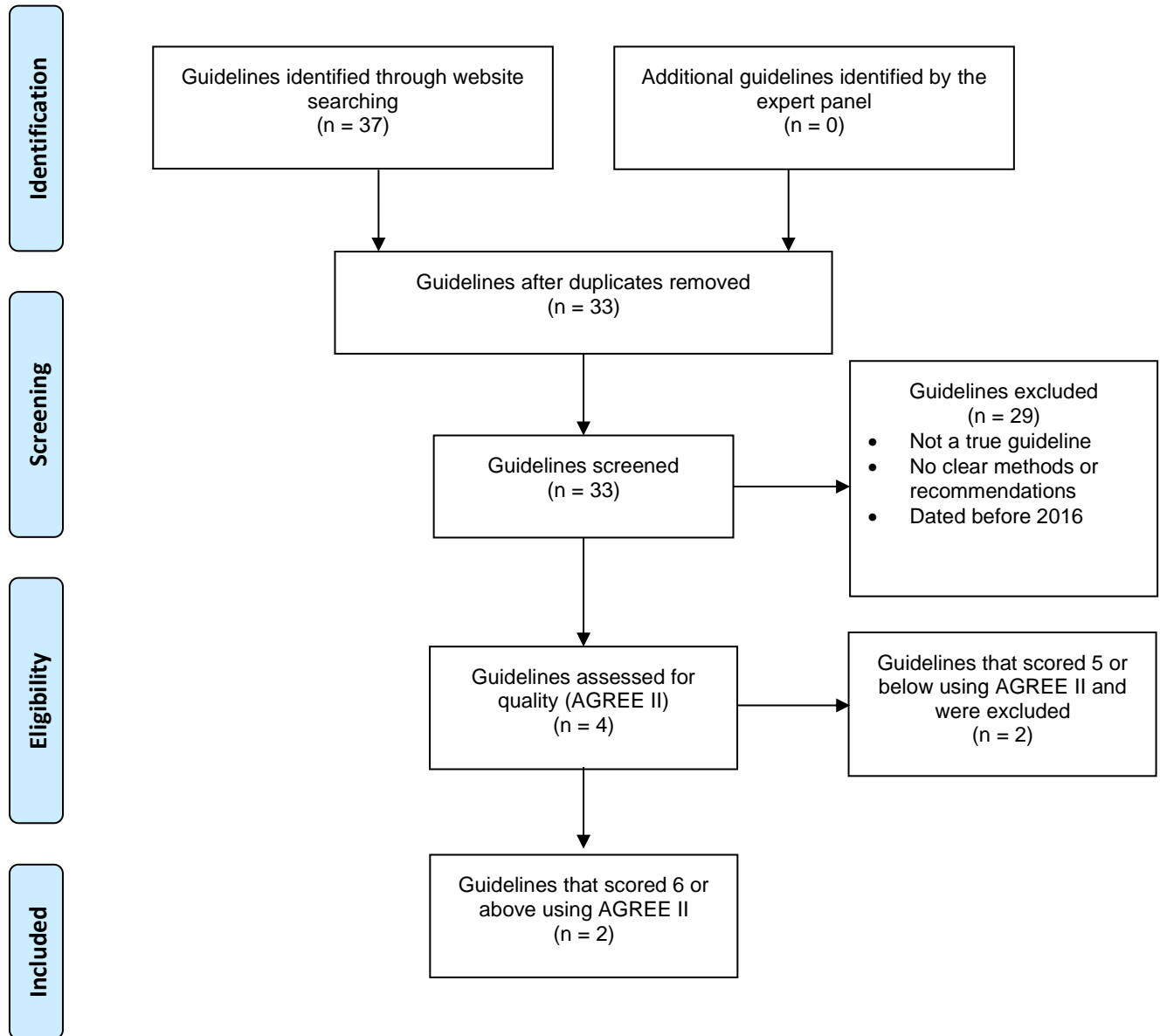


Registered Nurses' Association of Ontario
Clinical Practice in a Digital Health Environment
March, 2024

PRISMA Diagrams for Guideline Search and Systematic Reviews

Guideline Review Process Flow Diagram



Included guidelines were considered for GRADE-ADOLPMENT and required to have an overall AGREE II score of 6 or more (out of 7) (1). Although the expert panel did not identify any priority recommendations from the existing guidelines to be adopted or adapted for this BPG, two guidelines were used as supporting resources.

Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

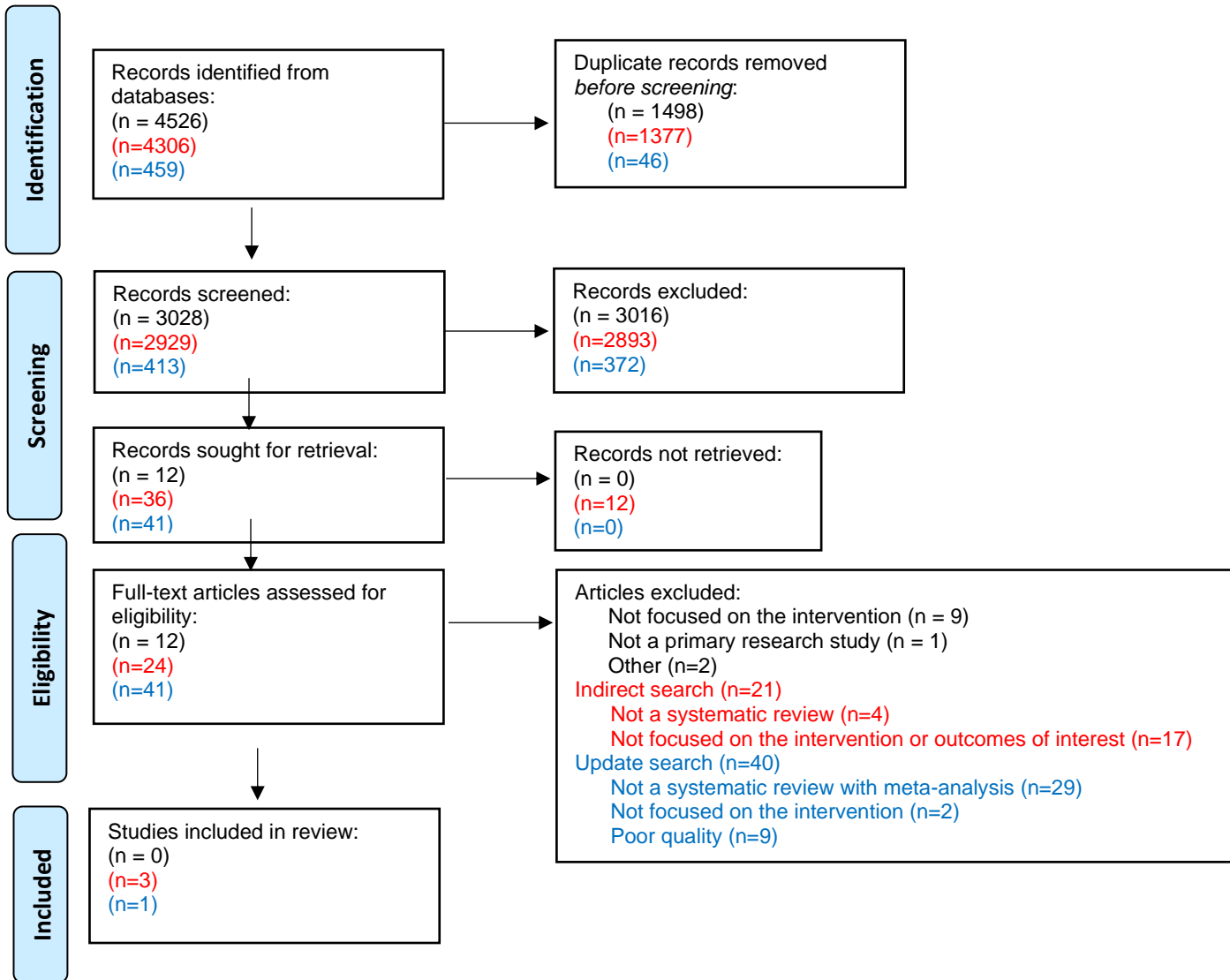
Article Review Process PRISMA Diagram for Recommendation Question #1

Recommendation Question #1: Should practical (e.g., hands-on) professional development education focused on the use of digital health technologies within an organization be recommended or not for all nurses?

n = original search

n = indirect search

n = update search



Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

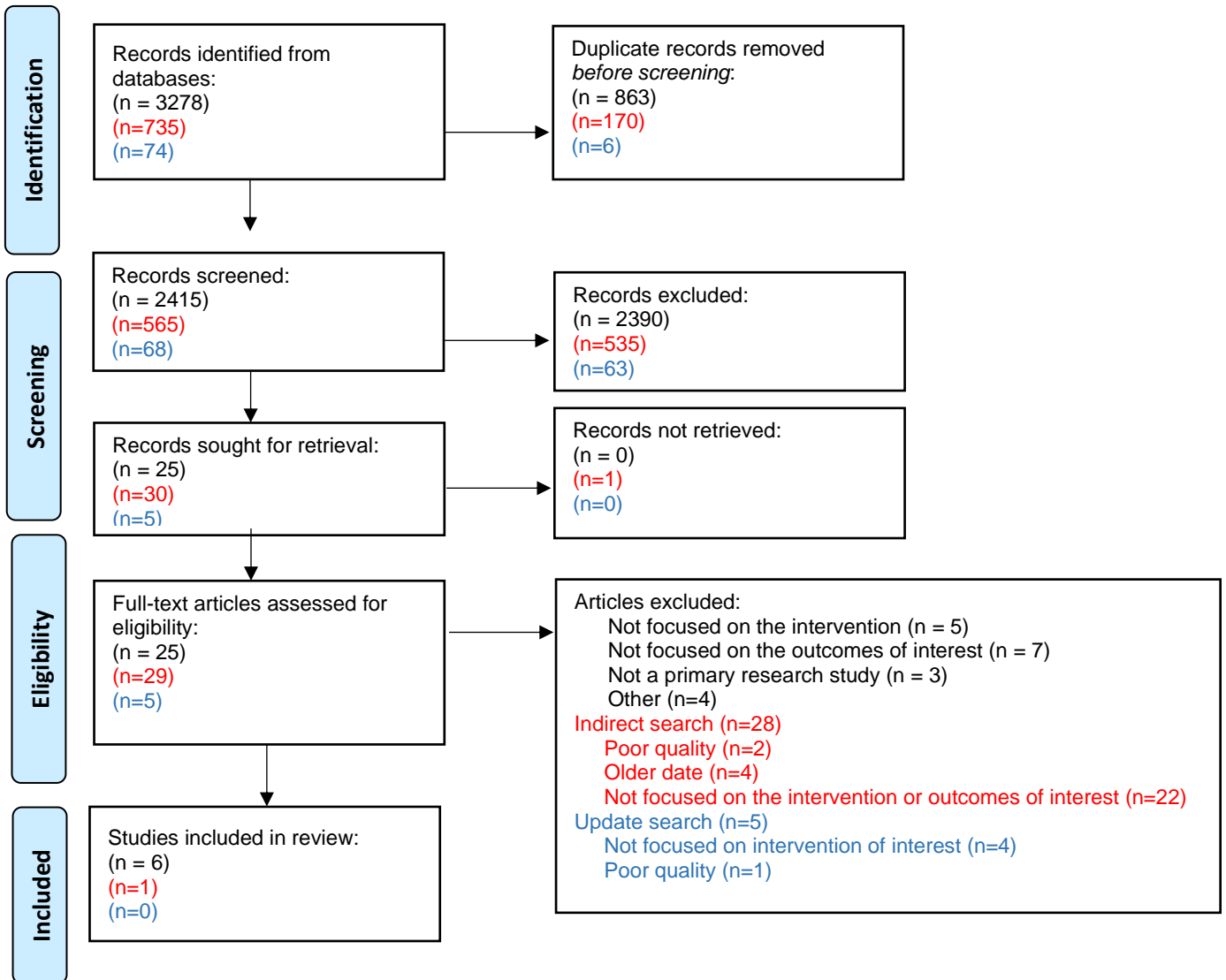
Article Review Process PRISMA Diagram for Recommendation Question #2

Recommendation Question #2: Should education about relational care and interpersonal communication skills be recommended or not for nurses practicing in virtual care settings and in-person digital health environments?

n = original search

n = indirect search

n = update search

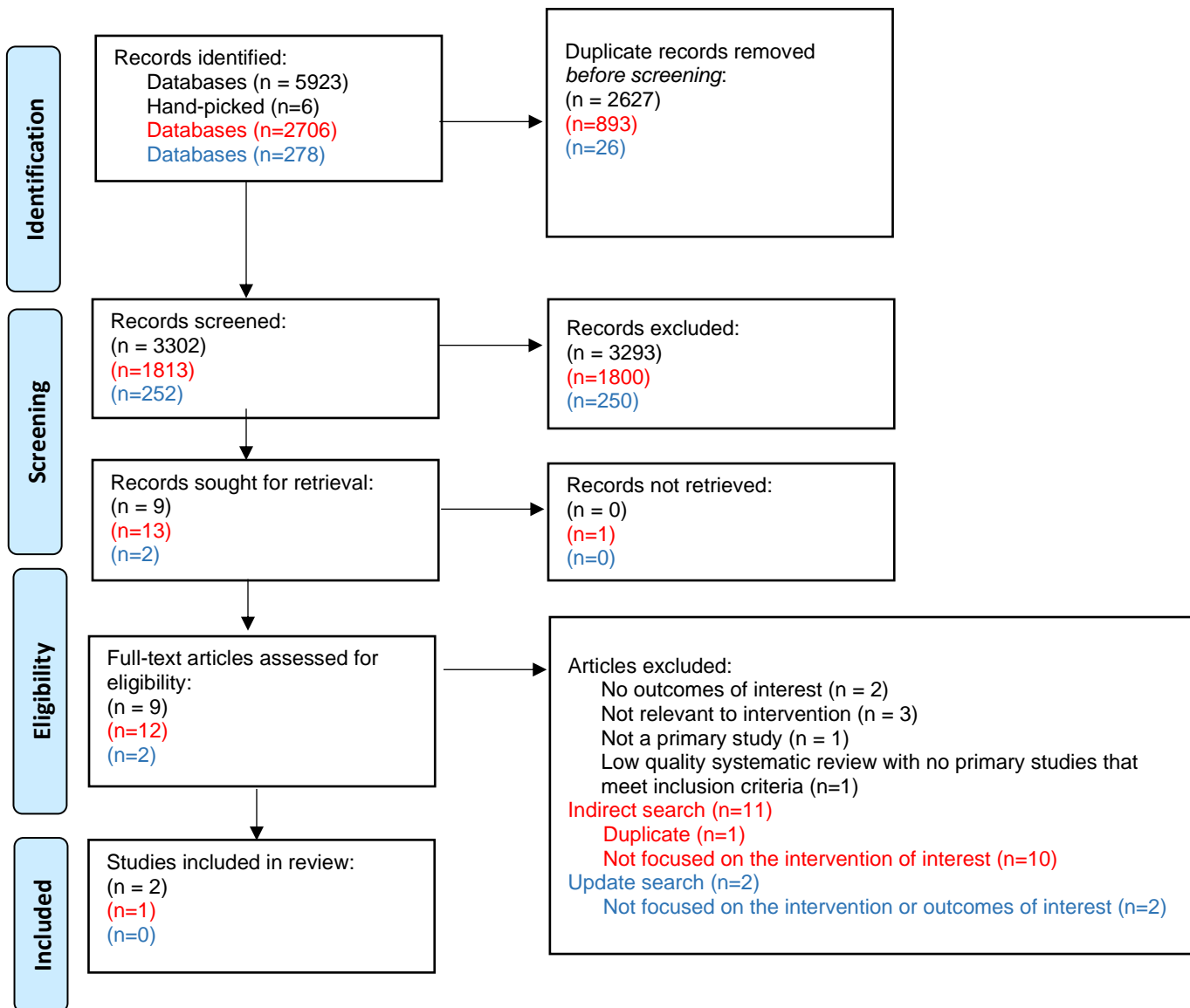


Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

Article Review Process PRISMA Diagram for Recommendation Question #3

Recommendation Question #3: Should the implementation of interdisciplinary peer champion models in health-service organizations be recommended or not to facilitate education for health providers on the use of digital health technologies?

n = original search
 n = indirect search
 n = update search



Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

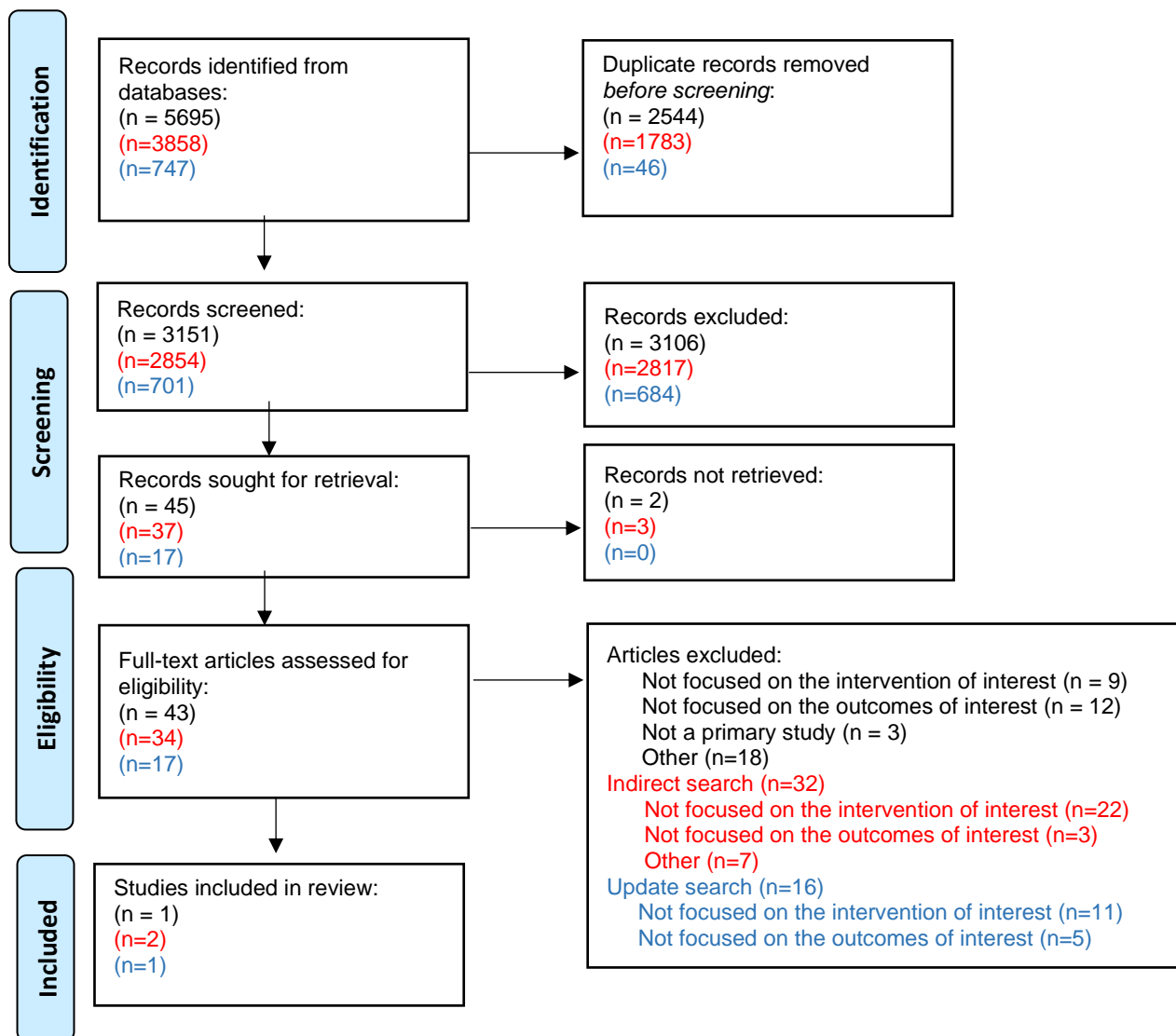
Article Review Process PRISMA Diagram for Recommendation Question #4

Recommendation Question #4: Should the use of predictive analytics software or systems (e.g., command centers and risk assessment software tools) for nurses providing care in all practice settings be recommended or not to inform clinical decision-making and improve clinical outcomes?

n = original search

n = indirect search

n = update search



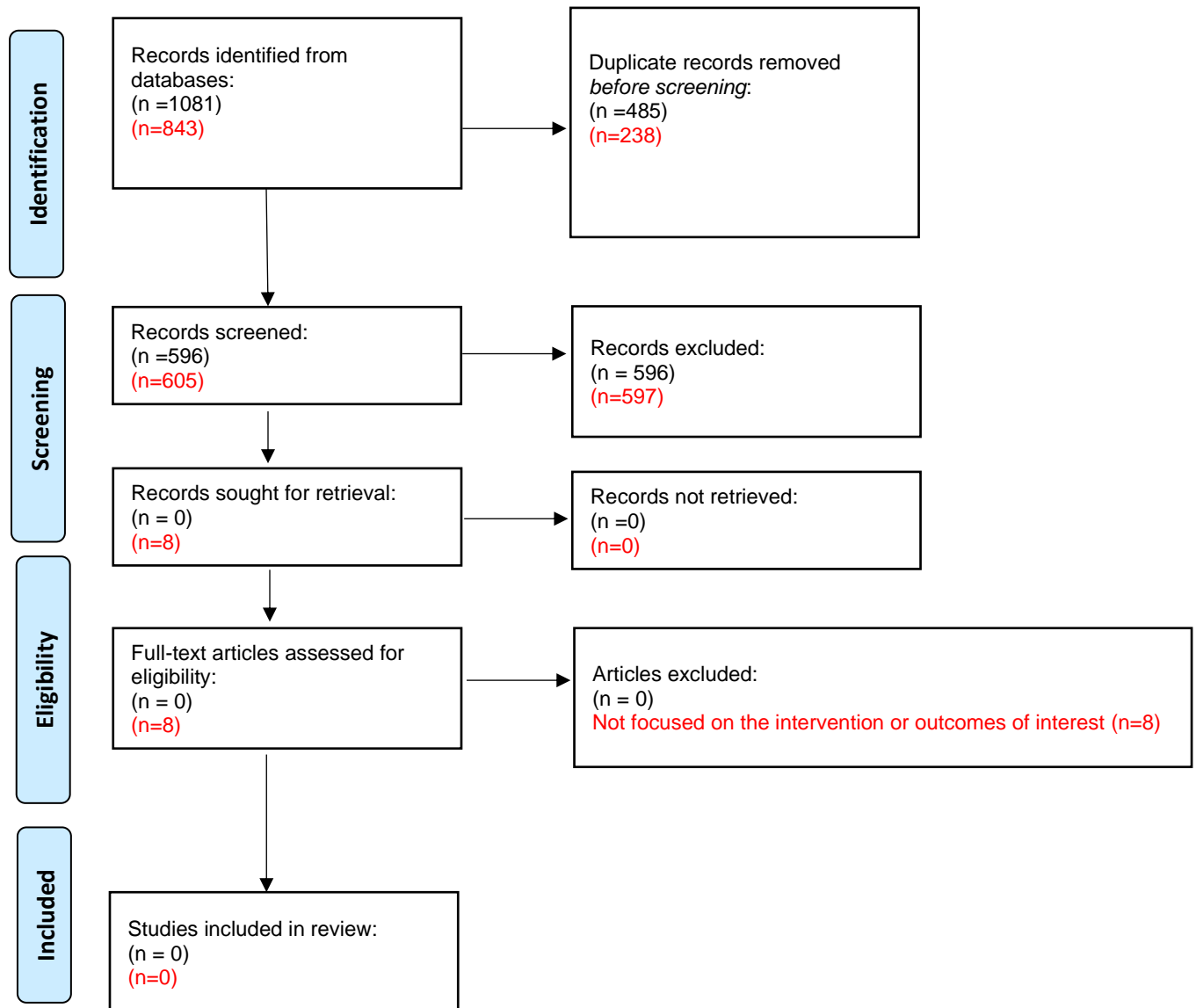
Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

Article Review Process PRISMA Diagram for Recommendation Question #5

Recommendation Question #5: Should a distributive model (versus no distributive model or any other type of change management model) be recommended to integrate digital health competencies into the professional practice roles and responsibilities of nurses at all levels within an organization?

n = original search
 n = indirect search

**An update search was not completed for this recommendation area as no recommendation statement stemmed from this question. More research is needed on this topic.*



Source: Adapted from: Page M, McKenzie P, Bossuyt P, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. Syst Rev. 2021;10(89). Available from: <https://doi.org/10.1186/s13643-021-01626-4>

References

1. Schunemann HJ, Wierioch W, Brozek J, et al. GRADE evidence to decision (EtD) frameworks for adoption, adaptation, and de novo development of trustworthy recommendations: GRADE-ADOLOPMENT. *J Clin Epidemiol.* 2017;81:101-10.