

Multimedia Appendix 1: Search strategy

Web of Science

Date searched: 4/10/2018

TS=((“social determinants of health” OR ((socioeconomic OR social) NEAR/1 (determinant* OR factor*)) OR (behavior* NEAR/1 factor*) OR ((health or healthcare) NEAR/1 disparit*) OR exposome OR “environmental exposure”) AND (((clinical OR patient*) NEAR/1 data) OR "electronic health record*" OR ((electronic OR computerized) NEAR/2 (medical OR health OR patient)) OR "medical order entry systems*" OR "decision support system*"))

Limits:

- English language
- Document types: Article OR Editorial Material OR Letter OR News Item OR Note OR Proceedings Paper OR Review
- Publication date: 2010 – 2018 (Current)

TOTAL: 539 records

Medline Ovid

Date searched: 4/10/2018

(exp Social Determinants of Health/ or exp Socioeconomic Factors/ or (social adj2 determinant\$).mp. or (social adj2 factor\$).mp. or (behavior\$ adj2 factor\$).mp. or Social conditions/ or Healthcare Disparities/ or Health Status Disparities/ or (health adj3 disparities).mp. or Exposome.mp. or Environmental Exposure/) AND (((clinical OR patient*) adj2 data) OR exp Electronic Health Records/ OR ((electronic or computerized) adj3 (medical or health or patient) adj3 record*) OR Medical Order Entry Systems/ OR Decision Support Systems, Clinical/)

Limits:

- English language
- Publication date: 2010 – current

Total: 2209 records

Journal Table of Contents Searched

- Health Affairs
- New England Journal of Medicine
- Journal of the American Medical Association
- Applied Clinical Informatics