**Project Title:** A Systematic Review on Electronic Consent in Clinical Care (Scoping Review)

**Research team:** Kemi Gaffney, Gilad Kuperman, Susan Chimonas, Allison Snyderman, Michael Buckley, Suken Shah

**Databases:**

1) PubMed/MEDLINE (NLM): 506 records
2) EMBASE (Elsevier): 1,723 records
3) Scopus (Elsevier): 58 records

Total Database search results: 2,287 records (includes duplicates)
Duplicates removed: 164 records (via Covidence automated deduplication)
Total: 2,123 records (title/abstract to be reviewed)

Created Covidence project: [https://app.covidence.org/reviews/211379](https://app.covidence.org/reviews/211379)

**Project name:** Electronic Consent in Clinical Care Scoping Review

**Invited Reviewers:** gaffneyk@mskcc.org; kupermag@mskcc.org; snyderma@mskcc.org; chimonas@mskcc.org

(Covidence systematic review software, Veritas Health Innovation)
An Endnote 20 citation management library (Clarivate) with the data from the databases searched was created – it documents the search result set numbers by database source (see “My Groups”):

(File name: SR_ElectronicConsent_ClinicalCare_3_6_2022.enlx)

A second Endnote 20 library with the data from ALL three databases, with duplicates removed by Covidence:

(File name: DeDuped_SR_ElectronicConsent_ClinicalCare_3_6_2022.enlx)
The search strategy:

The search strategy was developed using two main concepts that were first searched upon individually (combining synonyms with the Boolean operator OR) and then combined altogether using the Boolean operator AND:

1) Electronic Informed Consent
2) Clinical Care

Limits and restrictions applied to the database search results:

1) No date limits were applied
2) No language limits were applied
3) No publication type limit was applied

Information sources used:

Three electronic databases were searched: PubMed/MEDLINE (NLM), EMBASE (Elsevier), and Scopus (Elsevier). Each database was searched individually on its respective interface/platform. PubMed/MEDLINE was used to develop the search strategy which was then translated to the other databases. A combination of relevant keywords and subject headings were used in PubMed/MEDLINE (Medical Subject Headings - MeSH) and EMBASE (EMTREE), and a keyword search was used in Scopus (Note: Scopus records are not indexed with subject headings/controlled vocabulary).

Grey literature searching: Google

Citation searching:

The Reference lists of included studies and of systematic reviews identified in the search will be checked. (Both Cited References and Citing References of included studies can be searched.)

Search Updates:

If the original search becomes older than 6-12 months (depending on the journal) at the time of manuscript submission, a search update may be needed.

Managing records:

Database search results from each database were added to the Covidence systematic review software (Veritas Health Innovation). These citations (grouped by source database) were also saved in an Endnote library (Endnote 20 citation management software program, Clarivate).

Deduplication:

Duplicates were identified and removed using the Covidence systematic review software (Veritas Health Innovation).
Full database search strategies: (conducted on 3/6/2022)

1. PubMed – 506 records


2. EMBASE – 1,732 records

   ("Electronic consent":ti,ab OR "Electronic informed consent":ti,ab OR ("elC" AND "electronic") OR "e-consent":ti,ab OR "econsent":ti,ab OR "virtual consent":ti,ab OR "remote consent":ti,ab OR "digital consent":ti,ab OR "tele-consent":ti,ab OR "telescense":ti,ab OR "interactive consent":ti,ab OR "online consent":ti,ab OR "mobile consent":ti,ab OR "Electronic consenting":ti,ab OR "Electronic informed consenting":ti,ab OR "e-consenting":ti,ab OR "econsenting":ti,ab OR "virtual consenting":ti,ab OR "remote consenting":ti,ab OR "tele-consenting":ti,ab OR "teleconsenting":ti,ab OR "interactive consenting":ti,ab OR "online consenting":ti,ab OR "mobile consenting":ti,ab OR ("informed consent"/exp) AND ("telemedicine"/exp OR "mobile application"/exp OR "computer interface"/exp OR "computer system"/exp OR "digital technology"/exp OR "electronic medical record system"/exp) AND ("Clinical Care":ti,ab OR "medical treatment*":ti,ab OR "medical procedure*":ti,ab OR "clinical treatment*":ti,ab OR "clinical procedure*":ti,ab OR "clinical intervention*":ti,ab OR "surgical treatment*":ti,ab OR "surgical procedure*":ti,ab OR "surgical intervention*":ti,ab OR "patient care"/exp OR "medical procedures"/exp OR "surgery"/exp OR "health care facilities and services"/exp OR "medical institution*":ti,ab)
3. Scopus – 58 records

( TITLE-ABS ( ( "eic" AND "electronic") ) OR TITLE-ABS ( ( "Electronic consent" OR "Electronic informed consent" OR "e-consent" OR "econsent" OR "virtual consent" OR "remote consent" OR "digital consent" OR "tele-consent" OR "teleconsent" OR "interactive consent" OR "online consent" OR "mobile consent" OR "Electronic consenting" OR "Electronic informed consenting" OR "e-consenting" OR "econsenting" OR "virtual consenting" OR "remote consenting" OR "digital consenting" OR "tele-consenting" OR "teleconsenting" OR "interactive consenting" OR "online consenting" OR "mobile consenting") ) OR (TITLE-ABS ( "informed consent" OR "Consent Forms" OR "consent" OR "consenting") AND TITLE-ABS ( "telemedicine" OR "mobile application" OR "computer interface" OR "computer system" OR "digital technology" OR "electronic medical record system") ) ) AND TITLE-ABS ( "Clinical Care" OR "medical treatment" OR "medical procedure" OR "medical intervention" OR "clinical treatment" OR "clinical procedure" OR "clinical intervention" OR "surgical treatment" OR "surgical procedure" OR "surgical intervention" OR "patient care" OR "health care facilities services" OR "medical institution" )

This summary prepared by: Konstantina Matsoukas, MLIS (matsoukk@mskcc.org), 3/7/2022