Search Strategy

Database	Search String	Filters
PubMed	**#1** "Digital form*" OR "Digital Data Collection Tool*" OR "Mobile Data Collection Tool*" OR "Mobile Survey Tool*" OR "Mobile Data Collection" OR "Electronic Data Collection" OR "mHealth" OR "Wearable Technology" OR "Wearable Sensor*" OR "Biosensor*" OR "Smart medical device*" OR "electronic data capture" OR "patient monitoring device*" OR "electronic medical device*" OR "digital self monitoring" OR "survey*" OR "data collection" OR "data collection tool*" OR "data entry" OR "data logging" OR "self report*" OR "self-reporting" OR "self-monitor*" OR "self test*" **#2** "Low middle income countr*" OR "low and middle income countr*" OR "low income countr*" OR "developing countr*" OR "LMIC" **#3** "Randomised controlled trial*" OR "RCT" OR "RCTs" OR "randomized controlled trial*" **#4** #1 AND #2 AND #3	-RCT -Full text -Adult: 19+ -English articles only -Humans -Publication years: 2005-2023
CINAHL	**#1** "Digital form*" OR "Digital Data Collection Tool*" OR "Mobile Data Collection Tool*" OR "Mobile Survey Tool*" OR "Mobile Data Collection" OR "Electronic Data Collection" OR "mHealth" OR "Wearable Technology" OR "Wearable Sensor*" OR "Biosensor*" OR "Smart medical device*" OR "electronic data capture" OR "patient monitoring device*" OR "electronic medical device*" OR "digital self monitoring" OR "survey*" OR "data collection" OR "data	-Exclude medline -Publication years: Jan 2005-June 2023 -Adult (19-44) Middle aged (45-64) Aged (65+) -English articles only

	collection tool*" OR "data entry" OR "data logging" OR "self report*" OR "self-reporting" OR "self-monitor*" OR "self test*" **#2** "Low middle income countr*" OR "low and middle income countr*" OR "low income countr*" OR "developing countr*" OR "LMIC" **#3** "Randomised controlled trial*" OR "RCT" OR "RCTs" OR "randomized controlled trial*" **#4** #1 AND #2 AND #3	-Full-text -RCT
Web of Science	**#1** ALL=("Digital form*" OR "Digital Data Collection Tool*" OR "Mobile Data Collection Tool*" OR "Mobile Survey Tool*" OR "Mobile Data Collection" OR "Electronic Data Collection" OR "mHealth" OR "Wearable Technology" OR "Wearable Sensor*" OR "Biosensor*" OR "Smart medical device*" OR "electronic data capture" OR "patient monitoring device*" OR "electronic medical device*" OR "digital self monitoring" OR "survey*" OR "data collection" OR "data collection tool*" OR "data entry" OR "data logging" OR "self report*" OR "self-reporting" OR "self-monitor*" OR "self test*") **#2** ALL=("Low middle income countr*" OR "low and middle income countr*" OR "low income countr*" OR "developing countr*" OR "LMIC") **#3** ALL=("Randomised controlled trial*" OR "RCT" OR "RCTs" OR "randomized controlled trial*") **#4** #1 AND #2 AND #3	-Jan 2005- June 2023 -English articles only

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#4
#1 AND #2 AND #3 | - Randomized controlled trial
- Publication years: 2005-2023
-Adult (18-64)
Aged (65+)
-Exclude Medline
- English articles only |