

Multimedia Appendix 1. Search strings by each database.

Database: Web of Science

TI=((doctor* OR patient* OR physician* OR "healthcare professional")AND (internet OR online OR electronic OR web* OR "social media" OR "social network" OR "ICT" OR "OHC" OR "e-health")AND

TS=(health* OR medical OR "medicine")

Types of literature: ARTICLE OR MEETING

Databases= WOS

Time span =2000-2019

Retrieval language = automatic

Database: PubMed

((doctor[Title] OR patient[Title] OR physician[Title] OR health professional[Title] OR healthcare professional[Title]) AND (Internet[Title] OR online[Title] OR web[Title] OR electronic[Title] OR social media[Title] OR social network[Title] OR ICT[Title] OR OHC[Title] OR e-health[Title]) AND (health [All Fields] OR medical[All Fields] OR medicine[All Fields])) AND ("2000/01/01"[PDat] : "2018/06/30"[PDat]))

Database: Scopus

(TITLE (("doctor" OR "patient" OR "physician" OR "healthcare professional") AND ("Internet" OR "online" OR "web" OR "electronic" OR "social media" OR "social network" OR "ICT" OR "OHC" OR "e-health")) AND TITLE-ABS-KEY ("health" OR "medical" OR "medicine")) AND DOCTYPE (ar OR re) AND PUBYEAR > 1999 AND PUBYEAR < 2019 AND (LIMIT-TO (LANGUAGE , "English"))