

Supplementary File 1

Systematic Search: Electronic Health Record Adaptation and Innovation among Healthcare Professionals

PubMed: <https://www.cabidigitallibrary.org/doi/10.1079/searchRxiv.2025.00991>

((("ambidextrous"[Title/Abstract] OR "explorat*" [Title/Abstract] OR "exploitat*" [Title/Abstract] OR "emergent"[Title/Abstract] OR "proficient"[Title/Abstract] OR "improved"[Title/Abstract] OR "optim*" [Title/Abstract] OR "meaningful"[Title/Abstract] OR "advanced"[Title/Abstract] OR "smart"[Title/Abstract] OR "efficient"[Title/Abstract] OR "effective"[Title/Abstract] OR "integrated"[Title/Abstract] OR "mature"[Title/Abstract] OR "extended"[Title/Abstract] OR "innovat*" [Title/Abstract] OR "adapt*" [Title/Abstract] OR "post-acceptance"[Title/Abstract] OR "post-adoption"[Title/Abstract] OR "post-routine"[Title/Abstract] OR "post-implementation"[Title/Abstract]) AND ("use"[Title/Abstract] OR "utiliz*" [Title/Abstract] OR "utilis*" [Title/Abstract] OR "usage*" [Title/Abstract] OR "user*" [Title/Abstract] OR "behavio*" [Title/Abstract])) OR "meaningful use"[MeSH Terms]) AND ("electronic health records"[MeSH Major Topic] OR "electronic health record*" [Title/Abstract] OR "electronic medical record*" [Title/Abstract] OR "electronic patient record*" [Title/Abstract] OR "EHR"[Title/Abstract] OR "EMR"[Title/Abstract] OR "EPR"[Title/Abstract]) AND ("determina*" [Title/Abstract] OR "predict*" [Title/Abstract] OR "antecedent*" [Title/Abstract] OR "factor*" [Title/Abstract] OR "barrier*" [Title/Abstract] OR "obstacle*" [Title/Abstract] OR "challeng*" [Title/Abstract] OR "facilitat*" [Title/Abstract] OR "enabl*" [Title/Abstract] OR "driv*" [Title/Abstract]) AND (health personnel[MeSH Terms] OR "physician*" [Title/Abstract] OR "doctor*" [Title/Abstract] OR "nurse*" [Title/Abstract] OR "healthcare professional*" [Title/Abstract] OR "hospital*" [Title/Abstract])

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((("ambidextrous" OR "explorat*" OR "exploitat*" OR "emergent" OR "proficient" OR "improved" OR "optim*" OR "meaningful" OR "advanced" OR "smart" OR "efficient" OR "effective" OR "integrated" OR "mature" OR "extended" OR "innovat*" OR "adapt*" OR "post-acceptance" OR "post-adoption" OR "post-routine" OR "post-implementation") adj3 ("use" OR "utiliz*" OR "utilis*" OR "usage*" OR "user*" OR "behavio*")).ti,ab,kf or "meaningful use criteria"/) AND (("electronic health record*" OR "electronic medical record*" OR "electronic patient record*" OR "EHR" or "EMR" or "EPR").ti,ab,kf. OR electronic health record/ OR electronic health record certification/ OR electronic medical record/ OR electronic medical record system/ OR electronic patient record/) AND ("determina*" OR "predict*" OR "antecedent*" OR "factor*" OR "barrier*" OR "obstacle*" OR "challeng*" OR "facilitat*" OR "enabl*" OR "driv*").ti,ab,kf. AND ("physician*" OR "doctor*" OR "nurse*" OR "healthcare professional*" OR "hospital*").ti,ab,kf.

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TITLE-ABS-KEY(("ambidextrous" OR "explorat*" OR "exploitat*" OR "emergent" OR "proficient" OR "improved" OR "optim*" OR "meaningful" OR "advanced" OR "smart" OR "efficient" OR "effective" OR "integrated" OR "mature" OR "extended" OR "innovat*" OR "adapt*" OR "post-acceptance" OR "post-adoption" OR "post-routine" OR "post-implementation") W/3 ("use" OR "utiliz*" OR "utilis*" OR "usage*" OR "user*" OR "behavio*")) AND TITLE-ABS-KEY({electronic health record} OR {electronic health records} OR {electronic medical record} OR {electronic medical records} OR {electronic patient record} OR {electronic patient records} OR "EHR" OR "EMR" OR "EPR") AND TITLE-ABS-KEY("determina*" OR "predict*" OR "antecedent*" OR "factor*" OR "barrier*" OR "obstacle*" OR "challeng*" OR "facilitat*" OR "enabl*" OR "driv*") AND TITLE-ABS-KEY("physician*" OR "doctor*" OR "nurse*" OR "healthcare professional*" OR "hospital*") AND PUBYEAR > 2018 AND PUBYEAR < 2024

(TI (("ambidextrous" OR "explorat*" OR "exploitat*" OR "emergent" OR "proficient" OR "improved" OR "optim*" OR "meaningful" OR "advanced" OR "smart" OR "efficient" OR "effective" OR "integrated" OR "mature" OR "extended" OR "innovat*" OR "adapt*" OR "post-acceptance" OR "post-adoption" OR "post-routine" OR "post-implementation") N3 ("use" OR "utiliz*" OR "utilis*" OR "usage*" OR "user*" OR "behavio*")) OR AB (("ambidextrous" OR "explorat*" OR "exploitat*" OR "emergent" OR "proficient" OR "improved" OR "optim*" OR "meaningful" OR "advanced" OR "smart" OR "efficient" OR "effective" OR "integrated" OR "mature" OR "extended" OR "innovat*" OR "adapt*" OR "post-acceptance" OR "post-adoption" OR "post-routine" OR "post-implementation") N3 ("use" OR "utiliz*" OR "utilis*" OR "usage*" OR "user*" OR "behavio*")) OR KW (("ambidextrous" OR "explorat*" OR "exploitat*" OR "emergent" OR "proficient" OR "improved" OR "optim*" OR "meaningful" OR "advanced" OR "smart" OR "efficient" OR "effective" OR "integrated" OR "mature" OR "extended" OR "innovat*" OR "adapt*" OR "post-acceptance" OR "post-adoption" OR "post-routine" OR "post-implementation") N3 ("use" OR "utiliz*" OR "utilis*" OR "usage*" OR "user*" OR "behavio*"))) AND (DE "Electronic Health Records" OR TI ("electronic health record*" OR "electronic medical record*" OR "electronic patient record*" OR "EHR" OR "EMR" OR "EPR") OR AB ("electronic health record*" OR "electronic medical record*" OR "electronic patient record*" OR "EHR" OR "EMR" OR "EPR") OR KW ("electronic health record*" OR "electronic medical record*" OR "electronic patient record*" OR "EHR" OR "EMR" OR "EPR")) AND (TI ("determina*" OR "predict*" OR "antecedent*" OR "factor*" OR "barrier*" OR "obstacle*" OR "challeng*" OR "facilitat*" OR "enabl*" OR "driv*") OR AB ("determina*" OR "predict*" OR "antecedent*" OR "factor*" OR "barrier*" OR "obstacle*" OR "challeng*" OR "facilitat*" OR "enabl*" OR "driv*") OR KW ("determina*" OR "predict*" OR "antecedent*" OR "factor*" OR "barrier*" OR "obstacle*" OR "challeng*" OR "facilitat*" OR "enabl*" OR "driv*")) AND (DE "Health Personnel" OR TI ("physician*" OR "doctor*" OR "nurse*" OR "healthcare professional*" OR "hospital*") OR AB ("physician*" OR "doctor*" OR "nurse*" OR "healthcare professional*" OR "hospital*") OR KW ("physician*" OR "doctor*" OR "nurse*" OR "healthcare professional*" OR "hospital*"))