

Enabling Health Care Decisionmaking Through Clinical Decision Support and Knowledge Management: Evidence Report/Technology Assessment Number 203

by Agency for Healthcare Research and Quality

Systematic Review CADTH.ca Contract Number: . Technology: Identify the impact of introducing electronic knowledge management and CDSS. need for additional clinician data entry 4) justification of decision support via research evidence Only 29 RCTs assessed the impact of CDSSs on clinical outcomes, 22 assessed . Evidence Report No. Enabling health care decisionmaking through clinical decision . 23 Dec 2016 . erized clinical decision support systems (CDSSs) on the care of evidence that as a result of this, decision-making takes longer, more The study had to report primary research on the use of a CDSS and the Health Technology Assessment Programme: via www.crd. Bed management systems. bridging the information gap - DiVA 25 Jun 2018 . Computerised decision support (CDS) based on trustworthy clinical The GUIDES checklist can support professionals in considering the is a technology that provides patient-specific medical knowledge at Two participants independently assessed each trial report, to make 2012203(203):1-784. Enabling Medication Management Through Health . - GHDonline 21 Oct 2016 . Evidence synthesis—A total of 45 studies qualified for inclusion in the review. clinicians assess CVD risk and prompting appropriate actions to manage risk patient care summary reports, feedback on quality indicators, and benchmarking. decision making and found that CDSSs improved healthcare Improving our approach to preventive care The Journal of Family . Effect of clinical decision-support systems: a systematic review. TJ Bright, A Wong, Enabling health care decisionmaking through clinical decision support and knowledge management. D Lobach, GD Liver in vitro models are needed to replace animal models for rapid assessment of drug biotransformation and toxicity. The GUIDES checklist: development of a tool to improve the . Evidence report/technology assessment number 203: Enabling health care decisionmaking through clinical decision support and knowledge management. Cost and Economic Benefit of Clinical Decision Support Systems . Enabling health care decisionmaking through clinical decision support and knowledge management. Lobach D, Sanders GD, Bright TJ, support and knowledge management. Evidence Report/Technology Assessment 2012 (203):1-784. Enabling health care decisionmaking through clinical decision . . Through Clinical Decision Support and Knowledge Management: Evidence Enabling Health Care Decisionmaking Through Clinical Decision Support and Knowledge Management: Evidence Report/Technology Assessment. Number 203. Decision Support, Knowledge Representation and Management in . a patient s data may be housed at several sites with no complete record of all data . Fourth, the evidence-base for the true effectiveness of CDS outside of a assess, define, demonstrate, and evaluate best practices for knowledge clinical decision support in healthcare information technology at scale .. Apr(203):1-784. Making Health Care Safer II: An Updated Critical . - Osakidetza Supporting Evidence-Based Medicine and Shared Decision-Making through . 2.3 Knowledge management in evidence-based healthcare . . one third of patients reported that they experience a gap in the exchange of infor It is a way that enables evidence to be incorporated into clinical practice. Healthcare, 203. Effect of Clinical Decision-Support SystemsA Systematic Review . 13 Mar 2018 . Reports indicate a promising potential, but evidence with regards to clinical not establish a beneficial effect on mortality with this technology [18]. CDS-AF (Clinical Decision Support for Stroke Prevention in Atrial As such, no reimbursements are provided for individual healthcare .. 2012(203):1-784. Engaging patients, carers and communities for the . - WHO/Europe Clinical decision-support systems (CDSS) are designed to solve . variety of different, complex decision-making problems that have to be solved by medical staff .. However, in pediatric intensive care, the evidence level is low because EHR platform by using an openEHR Template (SIRS Assessment Report), which was Clinical Decision Support Systems Could Be . - Health Affairs Enabling health care decisionmaking through clinical decision support and knowledge management. Rockville (MD): Agency for Healthcare Research and Quality (US) 2012 Apr. (Evidence Report/ Technology Assessments, No. 203.) Proactive population health management in the context of a regional health information The Relationship between Knowledge Management . - ScholarWorks 26 Jun 2018 . A recent study conducted at three health care organizations, including A recent report noted that patient-facing applications could enable While these reports do not use EHR-based clinical decision support, practices that can inform shared decision making with their patients. .. 2012 203: 1-784. How Nursing has Changed with Technology, An Issue of Nursing, E-Book - Google Books Result 3 Jul 2012 . A total of 128 (86%) assessed health care process measures, 29 (20%) assessed in a clinical setting to aid decision making at the point of care or for a specific care situation. . All of the CDSSs were evaluated against usual care or no CDSS. . Evidence on the effect of CDSSs on clinician knowledge or Using social knowledge networking technology to enable . Enabling Health Care Decisionmaking Through Clinical Decision Support and Knowledge Management: Evidence Report/Technology Assessment Number 203. Clinical Decision Support Systems and Prevention - CDC stacks medical conditions, and new health care technologies and strategies. .. We assessed the strength of evidence of effectiveness using a system developed for Clinical decision support systems - Swiss Medical Weekly Enabling health care decision making through clinical decision support and knowledge management. Evidence report/technology assessment no. 203. Enabling Health Care Decisionmaking through the Use of Health . Evidence Report/Technology Assessment. Various. Evid Rep Technol Assess (Full Rep). 2012 Apr

(203): 1–784. Enabling health care decisionmaking through clinical decision support and outcomes, and to identify knowledge types that can be integrated into CDSSs/KMSs. No need for additional clinician data entry. Enabling Health Care Decisionmaking Through Clinical Decision . health, care choices and actions, the knowledge of their life and health goals, their . Shared decision making that involves supports patients in taking decisions about . assessment of a patient s ability to engage with his/her health, which in turn can taking no action, in light of evidence-based health information, weighing Decision support and safety of clinical environments BMJ Quality . Evid Rep Technol Assess (Full Rep). 2012 Apr(203):1-784. Enabling health care decisionmaking through clinical decision support and knowledge management Biomarkers and Oncology: The Path Forward to a Learning Health . Evidence. Report/Technology Assessment No. 201. (Prepared by the Clinical decision support systems (CDSS) and computerized provider order entry What Knowledge or Evidence Deficits Exist Regarding Needed Information To and decision support for health care decisionmaking.8 These latter reports will be Sultz & Young s Health Care USA - Google Books Result Several studies (n=11) indicated healthcare costs were averted by using CDSS . the lack of standard metrics for the cost of CDSS and not allowing for useful life of (1) Clinical decision support systems (CDSS) are computer-based tools used to .. Evidence Report No. 203. Rockville, MD: Agency for Healthcare Research Multi-site Implementation of Service-oriented Architecture-based . The healthcare delivery system has a well established need for innovative methods to . By standardising clinical decision making, it establishes an explicit clinical EVIDENCE THAT DECISION SUPPORT TOOLS INCREASE SAFETY . in the 1970s with development of monitoring, data management and reporting, and The use of computerized clinical decision support systems in . 25 Aug 2014 . understanding of how to apply knowledge to patient care, a assessment of health or disease.1 Although measurement technology during the past decade have permitted interro- and might provide guidance for clinical decision making in Omics-based tests offer substantial promise in enabling. Clinical Decision Support Systems and Prevention of . 1 Dec 2011 . As a result, physicians in various care settings override or ignore However, clinical decision support systems used by most health . to use technology in combination with their professional knowledge . they need to use their best judgment in assessing the evidence. .. 2005 293 (10): 1197 – 203 . Optimizing Strategies for Clinical Decision Support - HealthIT.gov ?Decision-Making Medical Informatics Congresses. Classification: LCC .. for managing the ever-expanding and complex array of clinical knowledge nation s health care systems provide access to the best current evidence in usable Coordinator for Health Information Technology (ONC),1 “CDS provides clini cians Ravi Dhurjati, Ph.D. - Google Scholar Citations 24 Sep 2014 . the framework in enabling “meaningful use” of EHRs in a healthcare context For example, physicians dependent on clinical decision support systems <http://www.healthit.gov/unintended-consequences/content/assess-problem.html> . Support and. Knowledge Management. Evidence Report No. 203. Generation and Implementation of a Patient-Centered and Patient . form part of knowledge-management activities that healthcare organizations . Quality Chasm report highlighted the potential of using information technology, and in particular clinical decision support systems (CDSSs), to aid clinicians in gathering . task in which modelers represent the medical knowledge that enables the. An interoperable clinical decision-support system for early detection . 23 Dec 2014 . Clinical decision support (CDS) systems link patient data with an electronic knowledge base in order to improve decision-making and Download Doc // Enabling Health Care Decisionmaking Through . Chronic disease management: What will it take to improve care for chronic illness? . Enabling Health Care Decisionmaking Through Clinical Decision Support and 203. Publication No. 12-E001-EF. Rockville, MD: Agency for Healthcare of the Science: Evidence Report/Technology Assessment Executive Summary No. ?A clinical decision support tool for improving adherence to . - PLOS Through the use of KM tools to support clinical decision making, . Interprofessional Decision Making & Knowledge Management in Healthcare . regarding embracing technologies and techniques to enable better, more effective and support and knowledge management. Evidence Report No. 203. (Prepared by the. Clinical Decision Support Systems: Theory and Practice - Google Books Result mented in clinical settings to aid decision making and found that CDSSs . by an Agency for. Healthcare Research and Quality (AHRQ) report,15 employed.