Web of Science™   Search   Marked List   History   Saved Searches and Alerts   👤 fatehah zahir ⌄

English   Products

Search › Results for Effectiveness of ... › Effectiveness of a web-based, electronic medical records-integrated patient…

Full text at publisher   🔷   Export ⌄   Add To Marked List ⌄

‹   1   of 1   ›

Effectiveness of a web-based, electronic medical records-integrated patient agenda tool to improve doctor-patient communication in primary care consultations: A pragmatic cluster-randomized controlled trial study

By: Lee, YK (Lee, Yew Kong) [1] ; Ng, CJ (Ng, Chirk Jenn) [1] ; Syahirah, MR (Syahirah, Mohamed Reza) [1] ; Malik, TFA (Malik, Tun Firzara Abdul) [1] ; Chiew, TK (Chiew, Thiam Kian) [2] ; Lee, PY (Lee, Ping Yein) [3] ; Abdullah, A (Abdullah, Adina) [1] ; Lee, CRY (Lee, Charity) [4] ; Khaizura, K (Khaizura, Khalid) [5] ; Ahmad, MY (Ahmad, Mohd Yamin) [5] ; Ahmad, MZ (Ahmad, Mohamad Zahir) [5] ...Less

View Web of Science ResearcherID and ORCID (provided by Clarivate)

Citation Network

In Web of Science Core Collection

0
Citations

🔔 Create citation alert

20
Cited References
View Related Records

You may also like...

Abu Ujum, D; Jan, JM;
Unraveling Conflict Amongst Muslim Female Characters in Malay Chick Lit
WOMENS STUDIES-AN INTERDISCIPLINARY JOURNAL

Wu, YQ; Cheong, CYM;
Corporate branding of academic institutions: semiotic communication of logos and names
JOURNAL OF MARKETING FOR HIGHER EDUCATION

Jabeen, S; Cheong, CYM;
Multimodal narrativity in a Pakistani TV advertisement: a socio-semiotic and narratological analysis
SOCIAL SEMIOTICS

Lian, J;
Optimization of Music Teaching Management System for College Students Based on Similarity Distribution Method
MATHEMATICAL PROBLEMS IN ENGINEERING

Kilsdonk, E; van Dulmen-den Broeder, E; van den Berg, MH; et al.
Effect of Web-Based Versus Paper-Based Questionnaires and Follow-Up Strategies on Participation Rates of Dutch Childhood Cancer Survivors: A Randomized Controlled Trial

Abstract

Background: Doctors may struggle to identify patient agendas during busy primary care consultations. Therefore, an online patient agenda tool (the Values in Shared Interactions Tool-VISIT) was developed which allowed patients to enter their agenda items pre-consultation for doctors to view on their electronic medical records (EMR). This study aimed to measure the impact of this EMR-integrated website on patient satisfaction, number of agenda items discussed and consultation time. Methods: An unblinded cluster-randomized controlled trial was conducted in a university-based primary care clinic between June-October 2019. Twenty-five family medicine trainees were randomized into using the VISIT tool (intervention) and usual care (control). Descriptive analysis showed significant differences between arms for age, occupation and mobile device proficiency scores. These were entered as covariates in trial analyses. Primary outcome was mean self-reported patient satisfaction score using the Healthcare Provider-Patient Communication (HCPPC) questionnaire, secondary outcomes were mean agenda items per consultation and mean consultation time. Results: The intervention arm had 12 doctors and 109 patients; the control arm had 13 doctors and 137 patients. Participation rates were 25.5% for intervention vs 53.6% for control. There was no difference between arms for patient satisfaction scores (133.3, 95% CI: 130.67-135.88 intervention vs 134.0, 95% CI: 131.76-136.29 control, P =.680) and consultation duration (15.83 min, 95% CI: 13.66-17.99 intervention vs 15.45 min, 95% CI: 13.57-17.34 control, P =.805). Mean number of agenda items discussed was higher in the intervention arm (2.25 items, 95% CI: 2.06-2.44 intervention vs 1.94 items, CI 95%: 1.78-2.11, P =.024). Conclusions: Integrating patient agendas into the EMR did not affect patient satisfaction compared to usual care but was associated with a slightly increased number of agenda items without an increase in

consultation time. This shows it may be useful for a busy primary care setting with multiple comorbidities and short consultation times.

Keywords

Author Keywords: Patient agenda; Patient satisfaction; Web application; Electronic medical records; Patient portal

Keywords Plus: SHARED DECISION-MAKING; IMPACT

Author Information

Corresponding Address: Lee, Yew Kong (corresponding author)

▼ Univ Malaya, Fac Med, Dept Primary Care Med, Kuala Lumpur 50603, Malaysia

Addresses:

▼ [1] Univ Malaya, Fac Med, Dept Primary Care Med, Kuala Lumpur 50603, Malaysia

▼ [2] Univ Malaya, Fac Comp Sci & Informat Technol, Dept Software Engn, Kuala Lumpur 50603, Malaysia

▼ [3] Univ Putra Malaysia, Fac Med & Hlth Sci, Dept Family Med, Serdang 43400, Malaysia

▼ [4] Univ Malaya, Fac Languages & Linguist, Dept Asian & European Languages, Kuala Lumpur 50603, Malaysia

▼ [5] Univ Malaya, Dept Informat Technol, Med Ctr, Kuala Lumpur 50603, Malaysia

E-mail Addresses: leeyk@um.edu.my

Categories/Classification

Research Areas: Computer Science; Health Care Sciences & Services; Medical Informatics

➕ See more data fields

Journal information

INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS

ISSN: 1386-5056
eISSN: 1872-8243
Current Publisher: ELSEVIER IRELAND LTD, ELSEVIER HOUSE, BROOKVALE PLAZA, EAST PARK SHANNON, CO, CLARE 00000, IRELAND
Journal Impact Factor: Journal Citation Reports [TM]
Research Areas: Computer Science; Health Care Sciences & Services; Medical Informatics
Web of Science Categories: Computer Science, Information Systems; Health Care Sciences & Services; Medical Informatics

4.73
Journal Impact Factor ™ (2021)

20 Cited References

Showing 20 of 20   **View as set of results**

Survivors: A Randomized Controlled Trial
JMIR CANCER

See all

Use in Web of Science

Web of Science Usage Count

5
Last 180 Days

5
Since 2013

Learn more

This record is from:

Web of Science Core Collection

- Science Citation Index Expanded (SCI-EXPANDED)

Suggest a correction

If you would like to improve the quality of the data in this record, please Suggest a correction