
Title

Evidence-based design: a critical success factor for the implementation of Care Management Models; [Diseño basado en evidencia: un factor crítico de éxito para la implementación de Modelos de Gestión del Cuidado]

Abstract

Introduction: health institutions are inserted in an organizational conglomerate and where each of the organizations that make up society are subject to management as a fundamental pillar for their permanence in the system. There is an element that in the evidence of the implementation of care management models has not been raised as a critical success factor and that is essential in the organizational structure. This is evidence-based design (EBD). Therefore, the objective of this article is to explain the relevance of DBE in the implementation of care management models. Development: the design of healthcare facilities is a complex process that not only creates and allocates physical spaces, but also shapes the dynamic flows of patients, staff, visitors, equipment and information. In this context, it is relevant that nurse managers are participants in the prior planning and programming process, so that they are involved in making structural decisions that allow patients' needs to be resolved. Conclusion: with the current unprecedented increase in hospital construction, it is imperative to integrate the institutional management model, the financing model and the care management model and consider the environmental characteristics that influence the well-being of patients, visitors and personnel are identified and incorporated into future hospital designs.

© 2024; Los autores.

Authors

Reynaldos-Grandón K.L.; Rojas-Avila J.

Author full names

Reynaldos-Grandón, Katuska Lídice (56070690800); Rojas-Avila, Javier (58577282700)

Author(s) ID

56070690800; 58577282700

Year

2024

Source title

Salud, Ciencia y Tecnologia

Volume

4.0

Art. No.

673

Cited by

2

DOI

10.56294/saludcyt2024673

Link

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187897067&doi=10.56294%2fsaludcyt2024673&partnerID=40&md5=09685176fb7948922d74c318f1893590>

Affiliations

Facultad de Enfermería, Universidad Andrés Bello, Santiago, Chile; Facultad de Ciencias de la Salud Universidad Autónoma de Chile, Talca, Chile

Authors with affiliations

Reynaldos-Grandón K.L., Facultad de Enfermería, Universidad Andrés Bello, Santiago, Chile; Rojas-Avila J., Facultad de Ciencias de la Salud Universidad Autónoma de Chile, Talca, Chile

Author Keywords

Change Management; Evidence-Based Facility Design; Health Management; Models Nursing

Funding Details

Universidad Andrés Bello, UNAB, (DI-02-21/CBC)

Funding Texts

Esta investigación fue financiada por la Vicerrectoría de Investigación y Doctorados de la Universidad Andrés Bello, Chile. Código: DI-02-21/CBC.

References

Gonzalez-Argote J., Analyzing the Trends and Impact of Health Policy Research: A Bibliometric Study, *Health Leadership and Quality of Life*, 2, pp. 28-28, (2023); Dennis C., Strategic planning—a health system operational perspective, *Journal of Hospital Management and Health Policy*, 3, (2019); Garcia S, Sanchez A., Management Models in Socio-cultural Transformative Organizations. *VISUAL Review, International Visual Culture Review*, 9, 2, pp. 223-244, (2022); Zhou Y, Li Z, Li Y., Interdisciplinary collaboration between nursing and engineering in health care: a scoping review, *International journal of nursing studies*, 117, (2021); Pilosof NP, Grobman YJ., Evidence-Based Design in Architectural Education: Designing the First Maggie's Centre in Israel, *HERD*, 14, 4, pp. 114-129, (2021); Mahmood FJ., The role of evidence-based design in informing health-care architects, *Journal of Facilities Management*, 19, 2, pp. 249-262, (2021); Cambra-Rufino L, Paniagua-Caparros J, Bedoya-Frutos C., La acreditación y certificación del diseño basado en evidencias para la arquitectura sanitaria llega a España, *Rev. Esp. Salud Publica*, 93, (2019); Davoodi A, Johansson P, Aries M., The use of lighting simulation in the evidence-based design process: A case study approach using visual comfort analysis in offices, *Building Simul*, 13, pp. 141-153, (2019); Brambilla A, Rebecchi A,

Capolongo S, Evidence Based Hospital Design. A Literature Review of the Recent Publications about the EBD Impact of Built Environment on Hospital Occupants' and Organizational Outcomes, *Ann Ig*, 2, pp. 165-180, (2019); Harrison R, Fischer S, Walpola RL, Chauhan A, Babalola T, Mears S, Le-Dao H., Where do models for change management, improvement and implementation meet? A systematic review of the applications of change management models in healthcare, *Journal of healthcare leadership*, 13, pp. 85-108, (2021); Caero L, Libertelli J., Relationship between Vigorexia, steroid use, and recreational bodybuilding practice and the effects of the closure of training centers due to the Covid-19 pandemic in young people in Argentina, *AG Salud*, 1, pp. 18-18, (2023); Halawa F, Madathil SC, Gittler A, Khasawneh MT., Advancing evidence-based healthcare facility design: a systematic literature review, *Health Care Management Science*, 23, 3, pp. 453-480, (2020); Smith S, Elias BL, Baernholdt M., The role of interdisciplinary faculty in nursing education: A national survey, *Journal of professional nursing*, 35, 5, pp. 393-397, (2019); Lepez CO., Invisible challenges in healthcare leadership, *Health Leadership and Quality of Life*, 2, pp. 35-35, (2023); Gonzalez-Argote D, Gonzalez-Argote J, Machuca-Contreras F., Blockchain in the health sector: a systematic literature review of success cases, *Gamification and Augmented Reality*, 1, (2023); Gonzalez-Argote J, Castillo-Gonzalez W., Update on the use of gamified educational resources in the development of cognitive skills, *AG Salud*, 2, (2024); Auza-Santivanez JC, Diaz JAC, Cruz OAV, Robles-Nina SM, Escalante CS, Huanca BA., mHealth in health systems: barriers to implementation, *Health Leadership and Quality of Life*, 1, (2022); Brambilla A, Capolongo S., Healthy and sustainable hospital evaluation—a review of POE tools for hospital assessment in an evidence-based design framework, *Buildings*, 27, 4, (2019)

Publisher

Editorial Salud, Ciencia y Tecnologia

ISSN

27969711

Language of Original Document

Spanish

Abbreviated Source Title

Salud. Cienc. Tecnol.

Document Type

Article

Publication Stage

Final

Source

Scopus

EID

2-s2.0-85187897067