



THE KNOWLEDGE REPOSITORY

The Knowledge Repository is a collaborative effort between The Center for Health Design and our partners

Academy of
Architecture for Health
an AIA Knowledge Community



Design for Aging
an AIA Knowledge Community



Additional key point summaries
provided by



RESEARCH DESIGN
connections

Background

Launched in November 2012, The Knowledge Repository (KR) is a complete, user-friendly online database of healthcare design research citations and Key Point Summaries of research papers. It continues to grow each year with the latest relevant citations added monthly, allowing the healthcare and design industries to search for articles and citations on the relationship between the built environment and healthcare related outcomes.

Unlimited access to the Knowledge Repository is made possible with the funding support of the Facility Guidelines Institute, The American Institute of Architects Academy of Architecture for Health through the Academy of Architecture for Health Foundation, the American Society for Healthcare Engineering, and Design for Aging, an AIA Knowledge Community. Additional Key Point Summaries are provided by the Nursing Institute for Healthcare Design and Research Design Connections.

What's Included

Housing over 4,000 citations, the Knowledge Repository is a great place to search for relevant evidence on a range of healthcare design topics, from outcomes and features, to design processes. More than 700 articles have been reviewed and summarized for ease of use and developed into Key Point Summaries. Our goal is to support the many collaborators who are involved in new construction and renovation by making available the most recent findings that may guide decision making and improve outcomes.

In the past year (January - December 2018), more than 450 citations have been added to the KR. Of these, 350 were published in 2016 or later. This is a strong starting point to advance an evidence-based and research-informed process – whether for designing facilities or developing guidelines and standards. The range of additions last year would be of interest to broad range of stakeholders – architects and designers, owners, clinicians, and others who are engaged in facility improvement projects. Additions cover topics such as safety (infection control, falls, etc.), the experience (noise, lighting, preferences), facility engineering topics (HVAC systems, air quality, etc.), and a continuum of age-related topics (from neonates to the elderly) as well as a range of care settings (residential, acute care, outpatient, etc.).

Of papers published in 2018, approximately 30% were related to patient/workers safety, 30% were related to patient/resident centered care, 13% covered work



environments, 12% related to two specific environment types (EDs, dementia care), 7% related to facility management issues, 7% studying the design process, and 6% pertaining to gardens and site design.

Impact

In the past year, approximately 700 people who were on fgiguideelines.org went directly to The Center for Health Design's website, healthdesign.org. (FGI is one of the top 10 sites referring individuals to The Center for Health Design.) These referrals are helping to build recognition for the Knowledge Repository, and for the contribution FGI is making to the industry. Each year, the popularity of the KR has grown; in the past year alone, the KR has received almost 70,000 visits. (Each year the KR adds on between 15,000 and 20,000 page visits.)

This growth is due in part to The Center's "Research in a Snap" document. Research in a Snap publishes the latest citations that have been included in the KR. Every other month, The Center produces and sends this document to 18,000+ people. FGI and the other KR partners help to expand that reach by sending the Snap to their members, further highlighting the efforts made by this collaboration.

Visiting Countries

People are visiting the Knowledge Repository from all over the world:

Europe: Croatia, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Lithuania, Malta, Netherlands, Poland, Russia, Spain, Slovenia, Switzerland, Turkey, United Kingdom

North America: Bahamas, Bermuda, Canada, Mexico, Puerto Rico, United States

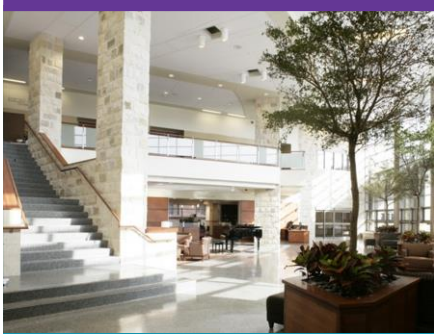
South America: Brazil, Chile

Africa: Kenya, Libya, Morocco, Nigeria, South Africa, Zimbabwe

Australasia: China, Hong Kong, India, Iran, Israel, Japan, Jordan, Kazakhstan, Maldives, Oman, Philippines, Qatar, Saudi Arabia, Singapore, South Korea, Sri Lanka, Taiwan, United Arab Emirates, Australia, New Zealand

Visiting Organizations

The individuals who visit the Knowledge Repository come from hundreds of diverse organizations, including universities, health systems, architecture and design firms, technology companies, insurance companies, and more. Examples include: Banner Health, Carolinas Healthcare System, HGA, HKS, Aetna Inc., and others.



The Center for Health Design:
Moving Healthcare Forward

The Center for Health Design advances best practices and empowers healthcare leaders with quality research that demonstrates the value of design to improve health outcomes, patient experience of care, and provider/staff satisfaction and performance.

Learn more at
www.healthdesign.org

Partner Benefits and Expectations

As part of your partnership, FGI:

- Identifies topics/types/categories of research relevant to your audience.
- Participates as a thought leader organization that emphasizes the importance of using research to inform design, advancing a resource to easily do so.
- Meets with like-minded organizations on a quarterly basis (phone, in-person).
- Is listed, including logo, as a partner on all Knowledge Repository materials.
- Advances your mission for research informed guidelines.

For more information about the Knowledge Repository or The Center for Health Design, please contact Debra Levin at dlevin@healthdesign.org or call 925-521-9404.