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# OPENINFOBUTTON

## HEALTHCARE IT

Clinical decision support resource that connects physicians with online medical knowledge resources to improve patient care.

### TECHNOLOGY TYPE

Software  
Clinical Decision Support  
Electronic Health Record  
Knowledge Resource

### STAGE OF DEVELOPMENT

- Obtained Health Level 7 and OSHERA certifications.

- In use at University of Utah, VA Hospital, Intermountain Healthcare, and Duke University.

- Additional functionality in development.

### LEARN MORE

For more information on OpenInfobutton, please visit <http://www.openinfobutton.org>

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### TECHNOLOGY SUMMARY

Clinicians frequently have patient care questions that go unanswered. Several online resources provide information to assist clinical decision making but current workflow limits their use.

OpenInfobutton is a novel, standards-based health information search tool that integrates with multiple EHR systems and allows clinicians to quickly answer clinical questions in real-time. The software uses contextual information stored within the patient's electronic health record (EHR) and utilized keywords to anticipate questions and provide links to relevant information. This tool allows clinicians to conduct online medical knowledge resource searches easily from multiple sources. To date, the software includes almost 40 knowledge resources. OpenInfobutton has received Health Level Seven (HL7) Infobutton Standard certification, which is required for EHR certification in the United States.

### FEATURES AND BENEFITS

- Expands clinicians' access to medical knowledge resources.
- Provides evidence-based research and guidance to support clinical decision making.
- Assists with generation of patient-specific education material.
- Meets core objectives of the Meaningful Use Act.

### RECENT PUBLICATIONS

Del Fiol, G., Huser, V., Strasberg, H.R., Maviglia, S.M., Curtis, C., Cimono, J.J. (2012). Implementations of the HL7 context-aware knowledge retrieval ("infobutton") standard: Challenges, strengths, limitations, and uptake. *Journal of Biomedical Informatics*. 45(4): 726- 735. doi: [10.1016/j.jbi.2011.12.006](https://doi.org/10.1016/j.jbi.2011.12.006)

### INVENTOR PROFILE

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