

Providence Portland Medical Center

### **Organization Name:**

Providence Portland Medical Center

### **Organization Address:**

4805 NE Glisan St.  
Portland, OR 97213  
(503) 215-1111 phone  
[www.providence.org/oregon](http://www.providence.org/oregon)

### **Organization Contact:**

James D. Carpenter, R.Ph., M.S.

### **Schema Archetype**

Inpatient, Community Hospitals

### **Schema Factors**

Urban, Hospital Setting, >200 Beds, Non-Academic/Community

### **Organization Summary**

Providence Portland Medical Center (PPMC) is a 483 bed hospital associated with a 28 hospital regional network.

### **IT Environment**

Providence Portland Medical Center first implemented CPOE in 2005. They use McKesson Horizon Clinicals as their clinical information system. PPMC has been recognized by HIMSS Analytics as being one of the best in the country for EMR use.

PPMC is the only hospital in Oregon to reach HIMSS EMR Analytic EMR adoption stage six. This indicates that an institution has implemented CPOE, bar-coded medication, electronic charting and is working to eliminate all paper-based processes.

### **CDS Achievement**

PPMC uses clinical decision support embedded within CPOE. Alerts and reminders are provided to the clinician at the appropriate places in the workflow.

### **Lessons Learned**

PPMC has found it helpful to maintain an external repository wherein physicians and other multidisciplinary contributors can review clinical knowledge. This allows

Providence Portland Medical Center

review of rules, alerts, and underlying knowledge in natural language so that all clinicians may review or offer revisions to the data interventions.

To accomplish this objective, Providence Portland uses a site called DSCIS: Decision Support Collaboration, Inventory, and Sharing, which is built on a SharePoint platform. The platform allows asynchronous communication between clinicians and members of the CDS Committee. Although much of CDS Committee communication occurs asynchronously through the DSCIS site, they have found that it is a best practice to use a combination of both the online platform and face-to-face meetings. The DSCIS collaboration space allows for revisions in natural language and vetting by clinicians. The online communication between clinicians is important to managing knowledge and creating new content.

PPMC has also historically used Zynx AuthorSpace and ViewSpace for new content development.

## **Awards, Recognitions, and Citations**

Recognized as having accomplished EMR Adoption Stage 6 by HIMSS Analytics

Sittig DF, Wright A, Simonaitis L, Carpenter JD, Allen GO, Doebbeling BN, Sirajuddin AM, Ash JS, Middleton B. The state of the art in clinical knowledge management: an inventory of tools and techniques. *Int J Med Inform.* 2010 Jan;79(1):44-57. Epub 2009 Oct 14. PubMed PMID: 19828364; PubMed Central PMCID: PMC2895508.