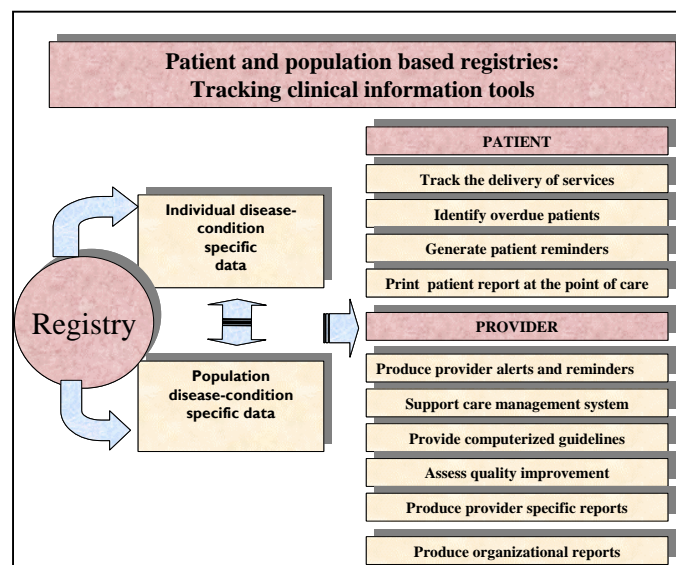


Clinical information systems such as registries and electronic health records (EHR) enhance the quality, safety, and efficiency of patient care and office workflow. Registries are useful and important tools in assisting physician offices and clinics to achieve improvement of clinical outcomes.¹ A registry or list of patients and their related data is a tool for tracking individual and population clinical care information. **Manual registries** track patient information in a card file or notebook. **Computerized registries** capture, manage, and provide information on individual disease/condition to support care management.³

Definition: A registry is a computer application that stores disease-condition specific individual and population-based information to support care management, outreach, quality improvement, and outcome research.

Components: Registries identify overdue patients, provide computerized guidelines, implement care management systems, produce automated reminders, assess quality improvement, and produce provider-organizational specific reports.¹

Choose or develop a registry: Many registries are free of charge. Others are available commercially. A comprehensive list of registries including contact name, domains, functions, and costs is provided in the following pages. Select the registry that best supports the desired operational or clinical outcome and that fits your practice or clinic's technical and financial needs.²



Document processes and ensure accurate information: Decide the data to include in the database, document the registry process, and define the process of identifying patients with gaps in care.³ Test the database and make sure data quality is appropriate.

Integrate the registry within the workflow of the practice or clinic: Develop processes for use of the registry, including designating personnel to enter data, assure data integrity, and maintain the registry.²

Use the registry to provide clinical support and population-based care management:

Registries support physicians by providing printed patients reports, identifying patients that are overdue and creating aggregate reports. Use the registry to generate reminders and care-planning tools for individual patients. Also, use the registry to provide feedback to care team, leaders and affiliated organizations.^{2, 3}

References

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- ² Metzger, J. (2004). Using computerized registries in Chronic Disease care. First Consulting Group. Prepared for the California HealthCare Foundation. Available at: <http://www.chcf.org/topics/view.cfm?itemID=21718&dir=chronicdisease> Assessed on 3/8/2004.
- ³ Institute for Healthcare Improvement. Health Disparities Collaboratives. Health Disparities Collaboratives Diabetes Resource Manual. Changing Practice Changing Lives. Diabetes. Available at: <http://www.healthdisparities.net/resources.html>. Assessed on 3/8/2004.

Diabetes Registry Products

Free	
Adult Preventive Health Software	Qualis Health http://www.qualishealth.org/aphs.htm
Chronic Disease Management System (CDMS)	Mountain-Pacific Quality Health Foundation http://www.mpqhf.org/mpqhf_web/cdmsinfo/index.html
CV-DEMS	Health Disparities Collaborative http://www.apiweb.org/CVDEMS.htm
DEMS-Lite 2.0	New Mexico Medical Review Association http://www.nmmra.org
ICIC Demo Registry	Improving Chronic Care http://www.improvingchroniccare.org/
OR-DEMS Diabetes Registry	OMPRO http://www.ompro.org/diabcollab/ORDEMS.html
Patient Care Management (PCM)	MetaStar, Inc. http://www.metastar.com
Patient Electronic Care System (PECS)	The Aristos Group http://www.pecs-cis.org
Physicians Medical Group (PMG) - In Development	Physicians Medical Group (PMG) http://www.pmgsc.com
Preventive Health Electronic Management System (PHEMS)	MissouriPRO http://www.mpcrf.org
VistA	Veterans Administration http://www1.va.gov/vista_monograph
Commercial	
CliniPro	NuMedics http://www.numedics.com
D2Hawkeye Explorer	D2Hawkeye http://www.d2hawkeye.com
Delphi Diabetes Registry	Delphi Health Services http://www.delphihealth.com
DiaTrends	Overlook Software, Inc. http://www.overlooksoftware.com
Outcome and OutReach	Outcome Sciences, Inc. http://www.outcomesciences.com
PatientPlanner and PopulationPlanner	DocSite http://www.docsite.com/
SMART, Blues on Call	High Mark http://www.highmark.com

Adapted from information developed by Jeff Lucas at OMPRO, 503-279-0100. Revision #1 by PRO-West Idaho, Julie Cantlon (JC) on 3-4-2002. Available at: http://www.improvingchroniccare.org/tools/ICIC_Registry_Comparison_May2003.xls and <http://www.vhqc.org/inc/pdf/regprodgrid.doc>