



# CDEMS

## CHRONIC DISEASE ELECTRONIC MANAGEMENT SYSTEM

CDEMS is an easy-to-use **free** registry for managing and reporting on patient populations with chronic health conditions. The program was developed and is shared by the Washington Diabetes Prevention & Control Program. CDEMS is used by community health centers, primary care practices, rural clinics, hospitals, IPA's, and quality improvement projects across the US and in Canada, India, Haiti, and South Africa.

A **flexible** database for tracking measures and outcomes for any chronic condition, CDEMS easily adapts to the unique practices and health care goals of each clinic. Powerful reporting tools enable population-based analysis with simple templates for report building by non-technical staff.

The CDEMS progress note facilitates a consistent, standardized approach to chronic disease health care. Printed progress notes with alerts and reminders and user-defined summary reports and intervention lists can alter the way services are delivered and improve patient outcomes.

[www.cdems.com](http://www.cdems.com)

### CDEMS Benefits

- User-friendly, *no cost* transition tool to electronically monitor chronic disease health care.
- Consistent, standardized organization of patient/population data.
- Health care planning for individual patients with timely reminders and alerts.
- Population-based analysis of care for patients with chronic conditions.
- Improved, proactive patient care; gaps in care identified for action.
- Performance tracked for practice team and care system.
- Simple templates for custom reports creation by non-technical medical staff – no long IT queues or extra costs to build meaningful reports!
- Outcomes documented for measuring quality improvement, quality certifications, pay-for-performance reimbursements, grant utilization.
- User owns data; no federal or state reporting requirements.

### CDEMS Features

- Flexible Microsoft Access<sup>®</sup> database program, adaptable to individual practices and goals
- Collaborative environment – monthly national support teleconference, shared user customizations
- Single-screen data entry for tracking conditions, visits, meds, services & labs
- Simple templates for user-defined population reports/intervention lists
- Easy customization of measures or creation of measurement tracks for any chronic condition
- Analysis by clinic, by provider, by insurance payer
- Electronic lab interface for automated lab posting
- Data aggregation module for multi-site reporting
- Import/export data between CDEMS and other systems
- Detailed user guides
- Bi-monthly training webinars
- Live technical support available

#### Technical Specs:

- ✓ PC (WindowsXP/Vista/Windows7) or Mac w/Windows Interface
- ✓ Microsoft Access<sup>®</sup> 2000 or higher
- ✓ 10 MB for programs plus room to grow (e.g. ~ 10 MB for 100 patient records over time)
- ✓ Color printer (recommended)

## Getting Started

1. Manage expectations (define goals, get buy-in, distribute registry roles & responsibilities).
2. Have a plan for implementation.
3. Decide on CDEMS configuration: single PC, network server, SQL.
4. Install CDEMS - download files at [www.cdems.com](http://www.cdems.com).
5. Attend Data Entry & Reports training.
6. Initial registry setup: establish clinic, customize providers, ethnicity/language lists, measures, set tickler alerts, pick lists for service results and lab validation rules.
7. Import or manually enter patient demographics.
8. Add patient health information.
9. Run baseline reports to analyze current state of patient care and identify areas for improvement.
10. Act on this information!



## Tips for Success

"The CDEMS registry is the best resource I know of."

James Stout, MD  
Odessa Brown Children's Clinic  
Seattle, WA

Start where you are today! Don't keep waiting for technology to get better, cheaper, easier...



Keep it simple – begin with one condition, one provider, or one clinic.



Train early and to sustain registry skills as staff turns over.



Collect data that matches reporting needs (e.g. "ethnicity" data for disparities reports).



Pilot test your registry to minimize confusion and frustration before spreading.



Install an electronic lab interface for improved accuracy, timeliness and less manual data entry.



USE YOUR REGISTRY to analyze patient care; ACT on what you learn from the data to improve patient outcomes!

### Free Support Resources

[www.cdems.com](http://www.cdems.com)

- User Guides
- Discussion Forum
- Newsletters
- Monthly web demonstrations
- National User Support teleconferences
- e-mail list
- Shared customizations and resources

### Fee-Based Support

[www.support.cdems.com](http://www.support.cdems.com)

- Web training (offered bi-monthly)
- Start-up installation, setup, data imports
- Technical issues resolution
- Forms and report customizations
- Electronic lab interface implementation
- Database cleanup
- Special projects