

Organization of Care:

Key elements from the CDA 2008 Clinical Practice Guidelines

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If there were an intervention that reduced A1C...wouldn't you use it?

There is!
It is a systematic approach to diabetes care.

GOOD OUTCOMES FOR PEOPLE LIVING WITH DIABETES DEPEND ON:

1. Daily commitment to **self-management**
2. Support by their **proactive interdisciplinary team**
3. A **system** that links these two together

This article translates evidence from the **Organization of Care** chapter of the *Canadian Diabetes Association's 2008 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada* into **practical strategies for primary care providers**. These providers include family physicians, healthcare teams, diabetes education centres that provide ongoing care and/or specialists who are the primary diabetes care provider.

THE SYSTEM

A systematic approach to diabetes care will improve outcomes. The key components of a systematic strategy for diabetes care are to:

1. Identify patients with diabetes
2. Have a diabetes registry
3. Have a systematic recall process
4. Use clinical flow sheets
5. Consider diabetes-focused visits/group visits

Outcome studies show that the use of flow sheets is associated with increased adherence to guidelines.



THE SYSTEM

1 Identify patients with diabetes

When seeing patients, ordering medication or arranging investigations, it is helpful for professional and support staff to know who in the practice has diabetes.

Paper charts

- Use stickers on the outside of chart or colour code charts.
- Include a problem list on front sheet of chart and highlight diabetes.
- Include a clinical diabetes flow sheet at the front of the chart.

Electronic Medical Records (EMR)

- Most EMR have a summary section or patient profile that lists diagnoses, and when opened identifies patients with diabetes.

2 Have a diabetes registry

It is important to know your entire patient population to manage them well. A diabetes registry is a list of people with diabetes in your practice.

Paper charts

- Can be created from billing information.
- Chronic Disease Toolkit (available in some provinces) - to help primary care physicians keep track of their patients and create a practice registry.
- Community resources - Diabetes education centres may be able to generate a list by primary care provider.

Electronic Medical Records

- EMR can be a very helpful and sophisticated tool for tracking the number of patients with diabetes and demographic information.
- Lists can be generated and sorted by age, type of diabetes, A1C or other criteria.
- Can track the number of patients achieving targets and whether any changes made improved control.
- Can help identify patients for group visits who have similar needs.

3 Have a systematic recall process

Outcomes can be improved if the primary care team works within a structure that provides reminders and recall for metabolic control and complication risk assessment.

Paper charts

- Once a registry is in place, a recall system can be established.
- Can be simple - such as recalling patients by their birth month or allocating certain last name first initials to specific months for recall.
- A three-month prescription can serve as a basis for reminding patients of their next visit (Note: this may not be ideal for a non-adherent patient).
- Recall visit can be booked at the time of the current visit.
- Laboratory can book patient for their next lab test at the time of the current blood work; Physician can recall patient once blood work is received.

Electronic Medical Records

- EMR can generate “tasks” to automatically recall patients for lab work and visits.
- EMR can search for “overdue” interventions for patients who have not shown up and might get lost to follow-up in a paper-based system.

THE PROACTIVE INTERDISCIPLINARY TEAM

Diabetes healthcare teams, proactive about self-management practice that provide comprehensive, shared care of a collaborative nature have been shown to increase the commitment and participation of the person with diabetes.

- Should be interdisciplinary and include the person with diabetes and their family, the physician and diabetes educators (i.e. nurse and dietitian) and other specialists as required.
- Nutritional counselling by a registered dietitian is recommended.
- Family healthcare teams may provide some of the chronic disease management and work collaboratively with more specialized diabetes education centres within various models of care.
- Case management across a number of disciplines (i.e. diabetes education/pharmacy) have been shown to improve care; most effective when integrated into the team and where relevant team member's role is enhanced (i.e. incorporating a diabetes educator's advice on insulin dose adjustment).



DAILY COMMITMENT OF THE PERSON WITH DIABETES TO SELF-MANAGEMENT

- Diabetes self-management programs have been demonstrated to improve A1C values.
- Ongoing diabetes education and comprehensive care should occur together.
- Approach should include problem solving, goal setting and active participation in decision-making.
- People with diabetes should be supported in interpreting and acting on self-monitoring of blood glucose results, making informed management decisions about insulin, medication, nutrition, physical activity and other lifestyle issues, including daily preventive practices such as good foot care.

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