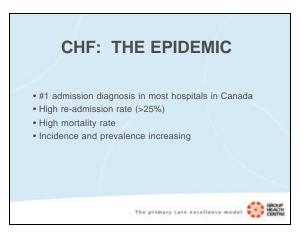
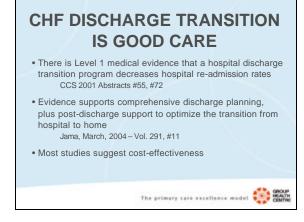
Leadership in Community Congestive Heart Failure (CHF) Program Decreases Readmission Rates Northern Ontario School of Medicine Northern Health Research Conference, June2-3, 2006 Cathy McCullough RN CCN(C)

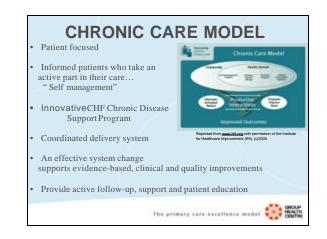


HEALTH PROMOTION INITIATIVES (HPI) HPI aims to develop and evaluate evidence-based outcomes management programs in order to improve the quality of health care for our patients. - Diabetes - CHF - Anticoagulation Clinic - Mammography/ Breast Health - Immunization - Smoking Cessation - Vascular Intervention Project - Falls, Fractures, Osteoporosis - Cervical Screening - Asthma

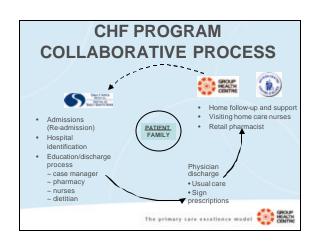
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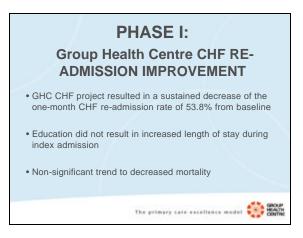


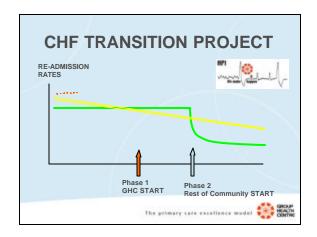


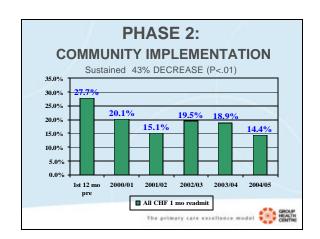


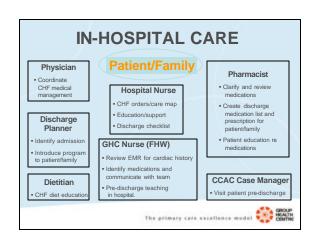


PHASED APPROACH • Phase I, March 2000: Group Health patients only > "proof of concept" visit patient in home within 48 hours • Phase II, Feb. 2001: Remainder of city incorporated into program GHC or Home Care nurse visits patient within 48 hours • Phase III: Entry to the program from outpatient (GHC patients presently access support)



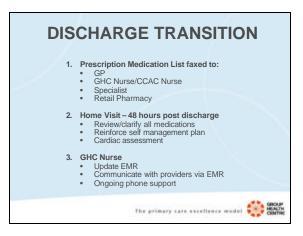




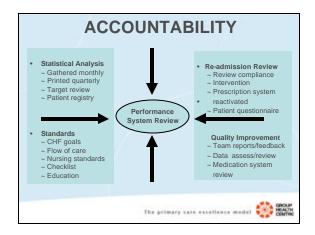












IS CHF PROTOCOL **COST EFFECTIVE?**

- •3 years of data indicates a 35% decrease in readmission (equivalent to 527 hospital days)
- Reduced ER visits (98% go through ER)
- Assuming \$800 per diem **P** savings = \$422,048
- Minimal cost for providing CHF monitoring/education and follow-up **P** use existing resources

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BARRIERS AND SOLUTIONS

BARRIERS

- Change is difficult
- Patient functional capacity
- Caregiver support
- Workload
- Ongoing changes to medications...
- Funding \$\$\$
- Expertise

SOLUTIONS

- Patient/nurse champions - experts in CDM
- Primary care nurse case management
- Funding for the collaborative program
- Common registry of CHF patients
- Retail pharmacy communication system

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LESSONS LEARNED

- · Longer and improved quality of life
- Health care leadership is paramount in overcoming barriers around traditional roles and responsibilities
- A coordinated, inter-disciplinary, discharge program reduces re-admissions ... good fiscal responsibility
- Shifting of costs: hospital **P** community
- · Overall savings to the health care system
- Integrated CHF project can work in a variety of settings

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HARD WORK.... PROUD OF OUR SUCCESS



Group Health Centre

National Best Practice Award

2002 - HPI

2003 - Anticoagulation

2004 - CHF

2005- Breast Screening

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NEXT STEPS... The primary care excellence model GROUP CONTROL



