New interventions in health services

Rafael Bengoa

Training in Reproductive Health Research Geneva 2006

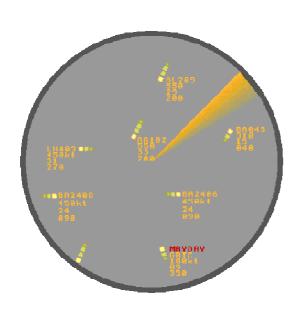
How do global priorities match country priorities? **Comparative Advantage Comparative Advantage** Categorical UN Agency (WHO, FAO, UNICEF, Multilateral Development Banks, EU, etc), bilaterals, NGOs, foundations, Pharma, larger bilaterals, national govs. **Global** patient association/self interest groups NATIONAL SYSTEMIC Level Management AIDS **FUNCTIONS** Delivery & Infrastructure Regional Walaria Tuberculosi Level Polio Measles **National** Level Oncho rachoma ocal Village Level Intersection Village health worker/ Local Level District medical officer

 Strengthen health systems as you implement vertical interventions!!



Within health care - Problems in the Organization of Care!

TYPICAL CARE



- Patient appears
- Patient is treated "find it and fix it"
- Patient is discharged

... then disappears from radar screen

Disease Continuum

Low risk At risk Early signs Symptoms Disease Post-onset

Primary Prevention

Secondary Prevention

POPULATION BASED

Early Detection

Disease Management

INDIVIDUALS

HEALTH CARE

Health System Organization of Health Care Community Resources & Clinical Self-**Policies** Delivery **Information** Decision Management **System Systems Support Support** Design **Prepared** Informed **Productive Proactive Activated Interactions Practice Team Patient**



Functional & Clinical Outcomes

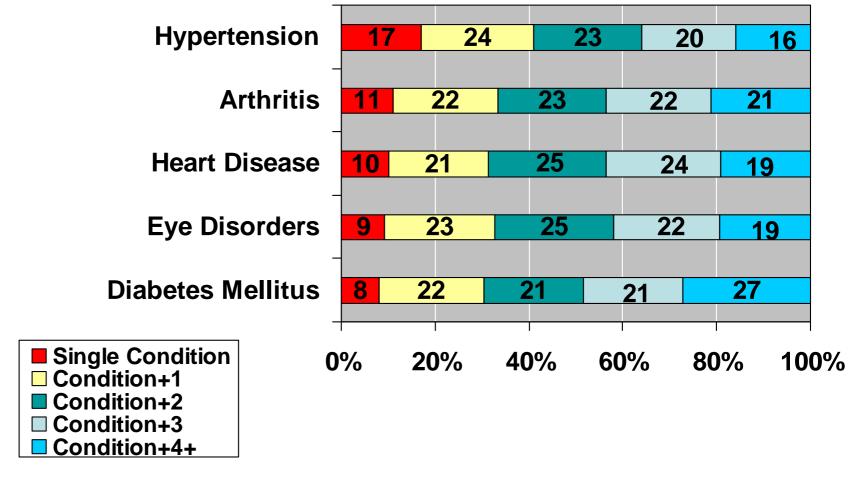
Cochrane Review of Interventions to Improve Diabetes Care in Primary Care

- 40 randomized trials
- Interventions classified as provideroriented, organizational, information systems, or patientoriented
- Combined interventions more potent than individual ones, especially those that included organizational change
- Patient outcomes (e.g., HbA1c, BP, LDL) only improved if patientoriented interventions included

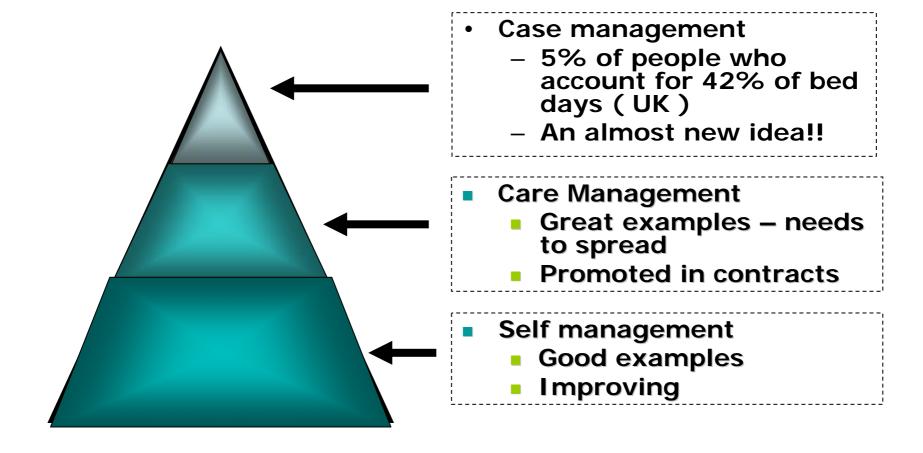




Only a Few Seniors Have One Chronic Condition

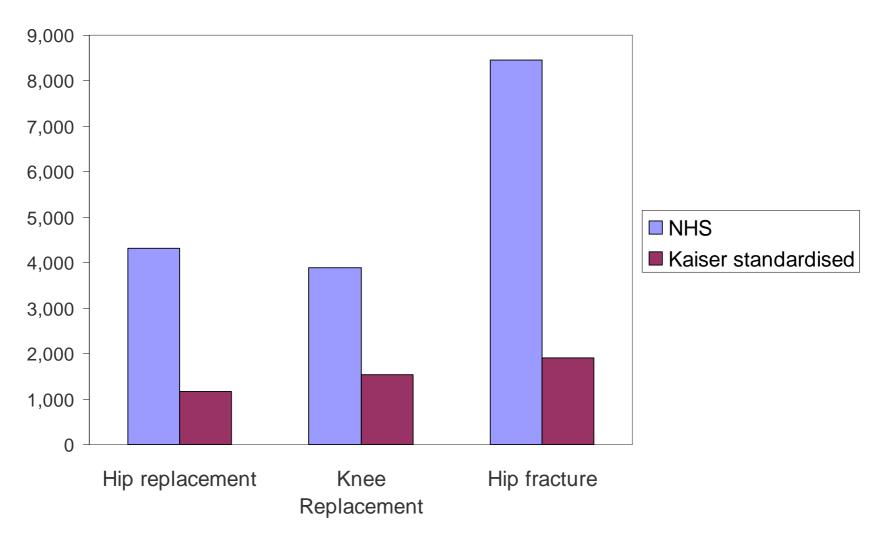


Adapting type of Care to need?



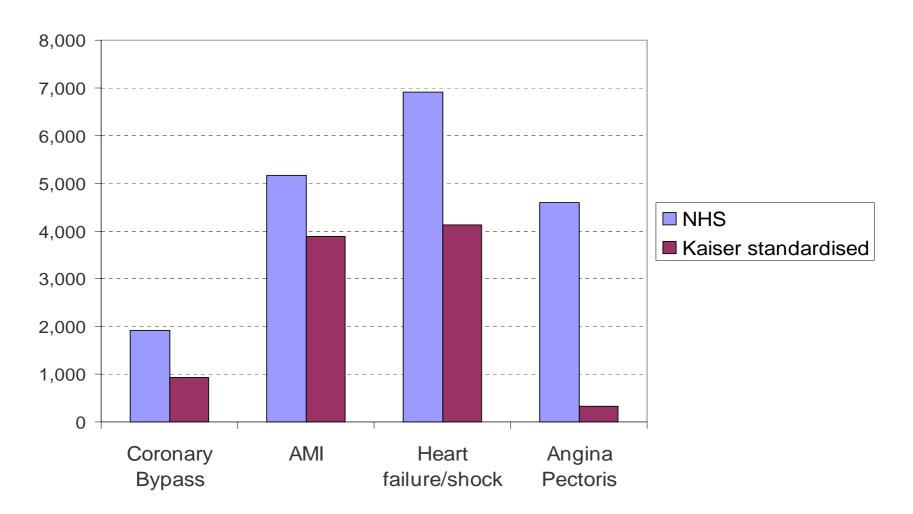


Orthopaedics Bed days per 100,000 aged over 65



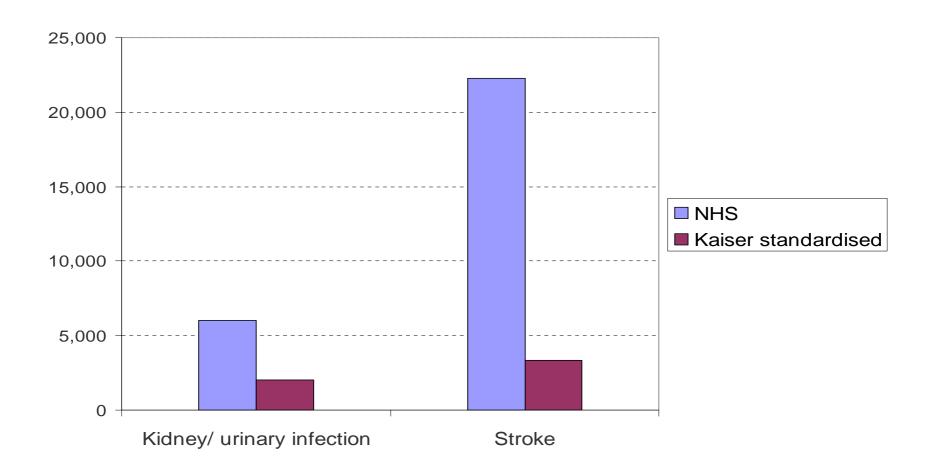


CHD Bed days per 100,000 aged over 65





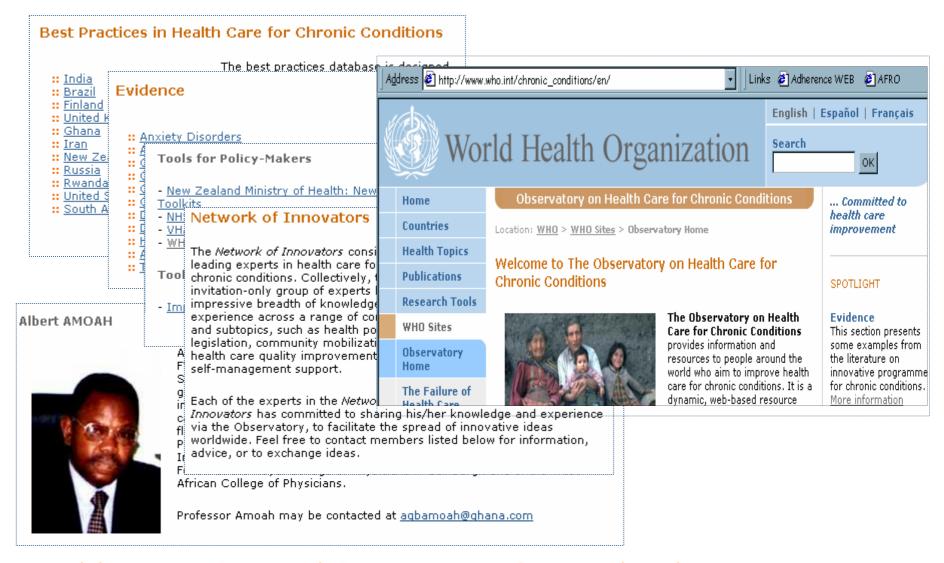
Other Bed days per 100,000 aged over 65





The Observatory on Health Care for Chronic Conditions





http://www.who.int/chronic_conditions/en/