Chronic Failure: next steps for primary care

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Chronic Disease is a major challenge
Hospital admitted patient services
Precription pharmaceuticals
Community and public health

- Cardiovascular
- Oral health
- Mental disorders
- Musculoskeletal
- Injuries
- Neoplasms
- Respiratory
- Digestive system
- Genitourinary
- Nervous system
- Endocrine, nutritional
- Maternal conditions
- Infectious and parasitic
- Skin diseases
- Diabetes mellitus
- Neonatal causes
- Congenital anomalies

Disease expenditure ($ million)
Prevention is better than cure, but …
**Constitutional**  
Genetic, Functional, Structural

**Individual behaviour**  
Diet, Physical Activity, Substance Use, etc

**Settings & organisation**  
Home, Work, Community etc

**Societal**  
Cultural, Social, Economic, Environmental

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**Complex, Chronic & acute**  
Frequent hospital, primary & secondary care users

**Complex chronic**  
At high risk of hospitalisation, frequent primary and secondary care users

**Chronic self managed**  
Usual care

**General population**
We need a new systems wide approach
Prepared proactive practice team

Informed activated patient

Community

Resources and policies
Self management support

Health system

Health system organisation
Delivery System Design
Decision support
Clinical information system

Improved outcomes

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Chronic disease assessment and planning items cost almost $800 million per annum.
No. Admissions

- Asthma
- CCF
- Diabetes
- COPD (75+ years)
- Angina
- Iron Def
- Hypertension
- NutDef
- RHD

Age Groups:
- 75+ years
- 15 to 74 years
- Under 15 years

No. Admissions:
- Asthma: 30,000
- CCF: 50,000
- Diabetes: 40,000
- COPD: 60,000
- Angina: 20,000
- Iron Def: 10,000
- Hypertension: 7,000
- NutDef: 5,000
- RHD: 2,000
Cummulative 5 year % reduction in incidence

- End stage kidney disease
- Amputation
- Advanced eye disease (Proliferative retinopathy)
- Myocardial infarction
Recommendations for reform
Regional systems management

Performance framework

Financial incentives

Service innovation

Integrated services

Better outcomes