



 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.


The service careers and costs of HIP vs HACC clients


Gill Lewin
 Candice Patterson
 Kristen De San Miguel
 Suzanne Vandermeulen
 November 2010


 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

Presentation Outline

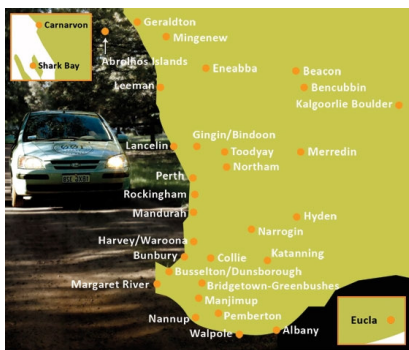
- Silver Chain
- The Home Independence Program (HIP)
- The HIP story
- The RCT
- Data Linkage results
- Summary





 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

Silver Chain


- Perth, Western Australia
- Community and Health Care Provider
- 100+ years old
- 2,535 staff and 440 volunteers
- Wide range of services including home help, personal care, nursing, respite, social support, CACPs, EACH, allied health, palliative care and home hospital





 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

What is HIP?


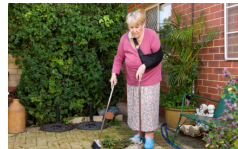
- Home based early intervention
- Inter-disciplinary team
Goal orientated care planning
Targeted evidence-based interventions
- Restorative and preventative
- Promotes healthy ageing
- Encourages self-management of chronic diseases





 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

HIP story

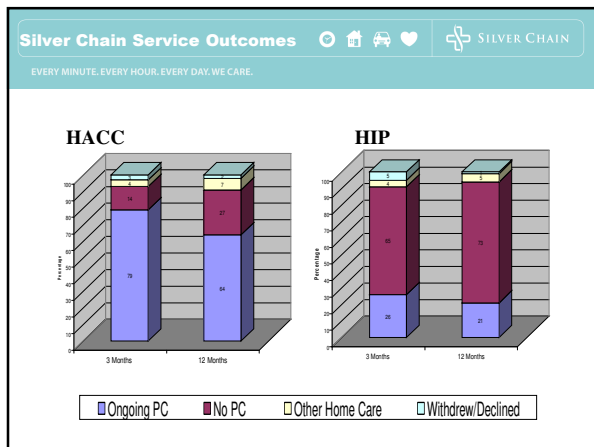
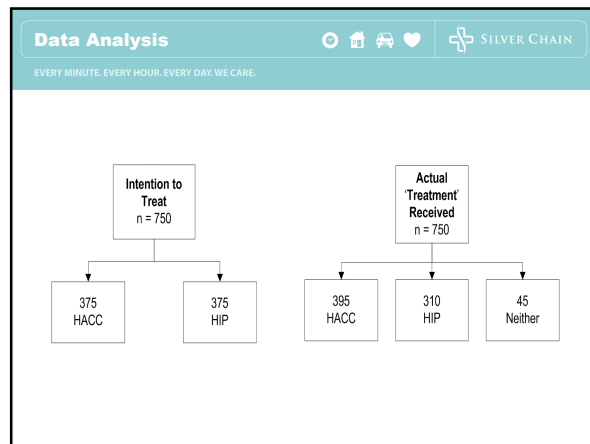
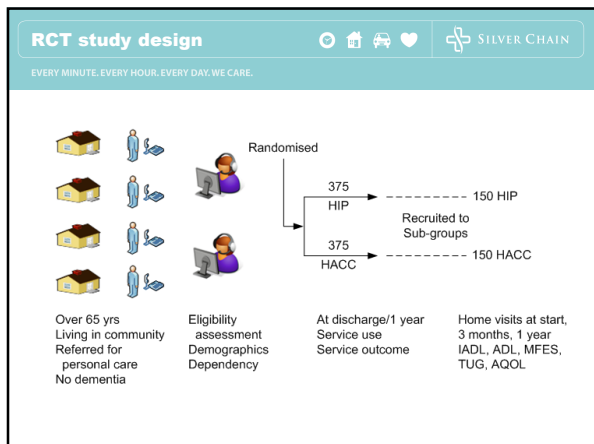
- 1999 HIP developed
- 2000 Pilot study
- 2001 Operational Trial
- 2002 Controlled Trial
- 2004 Implemented across metro
- 2005 RCT commenced
- 2007 RCT preliminary analysis
- 2010 RCT follow up analysis complete


 EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

RCT Objectives

1. Compare the outcomes for individuals referred for Personal Care who receive HIP, with those who receive "standard" HACC
2. Determine whether the aged care careers in the two groups are markedly different
3. Compare the costs of aged care, in both the short and longer term
4. Compare the use and costs of hospital and other health services
5. Compare the total health and aged care costs



Aged Care Service Use

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

Over 2 years by ITT and Actual treatment:

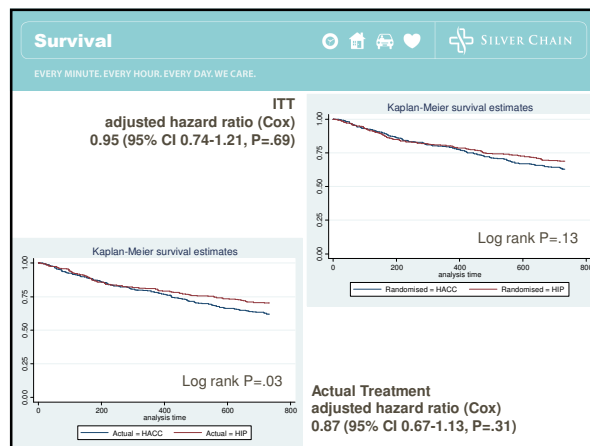
- HIP used fewer mean total hours of care for all HACC funded services and PC alone (p<.001)
- HIP had lower numbers of clients needing ongoing services or new services over time (p<.03 to <.001)
- HIP had lower numbers of clients being assessed and approved for higher levels of care (eg CACP, EACH, high or low residential care) (p<.03)

Health Care Use

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

- Smaller proportion of HIP group presented to ED or were admitted to hospital by actual treatment
- HIP had reduced odds of presenting to ED or being admitted to hospital

	Odds Ratio	95% CI	P Value
ED Presentation	0.69	0.50-0.94	.02
Hospital Admission	0.69	0.50-0.95	.03



Costs SILVER CHAIN

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

- Savings were made for the health system over two years

Analysis	HACC mean cost per person	HIP mean cost per person	Mean saving per person
ITT	\$22,757.19	\$19,887.93	\$2,869.26
Actual Treatment	\$23,427.77	\$19,089.71	\$4,338.06



- Regression modelling:
By actual treatment, the HIP group cost only 83% of the total health and aged care costs of the HACC group over two years (95% CI 0.72-0.96, P=.01).

Summary SILVER CHAIN

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

Independence Programs:

- reduce demand for home care
- reduce use of other services
- save money





SILVER CHAIN

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

We would like to thank the funders of our research:

- Australian Health Ministers' Advisory Council (AHMAC)
- HACC WA
- LotteryWest
- Silver Chain Foundation



User Manual SILVER CHAIN

EVERY MINUTE. EVERY HOUR. EVERY DAY. WE CARE.

To order please visit our website

www.silverchain.org.au

Home Independence Program (HIP)
User Manual

Independence

"Independence is more than simply avoiding dependency, it is also about having the CONFIDENCE to make DECISIONS for yourself and your future"
HIP user

