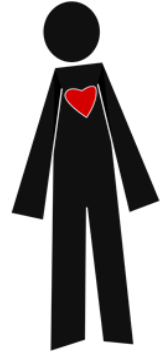


SP Plus

Reducing the risk of Streptococcal infections for ARF/RHD patients and their households



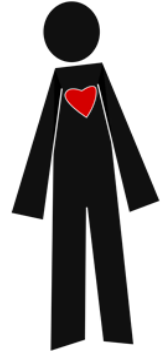
The need



- Rates are alarming
- SP is essential but is not enough
- Enhanced protection for those with ARF/RHD



The Study



- Non-randomised pilot intervention
- Selected communities
- Test the feasibility of community led-model of care

Chronic Disease Network of Australia

ARF/RHD SoNG



10. Environmental evaluation

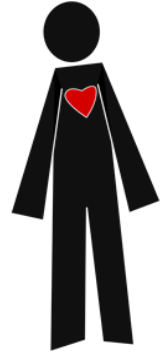
- Number of people in the house / per bedroom / per bed



- Functioning health hardware:
 - Functional toilet
 - Hot and cold running water
 - Hot water washing machine



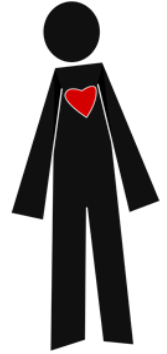
Identify Local ACWs



- Retired health practitioner
- Certificate II in health research
- Interested because they have RHD/ARF
- Family member who has RHD/ARF

Training - teach back methodology and role
play

The How



Support primordial and primary prevention:

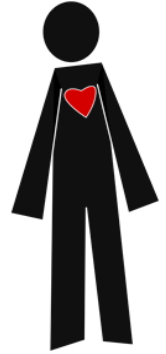
- In households of individuals with known ARF/RHD to create Strep-free zones

Support secondary prevention by:

- On time secondary prophylaxis - LAB
- Appointments at clinic or at tertiary centre



Site Selection

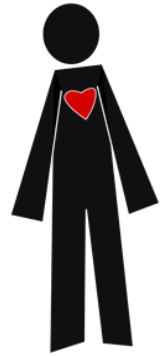


Criteria:

- 12-15 individuals receiving LA Bicillin
- Site accessible all year round
- Serviced by CDC staff
- Interested health centre



Strep-free zones



- House/room usage
- Safe and functioning bathrooms, toilets, washing facilities
- Identify sore throats and skin sores



Weekly Check-up

Identifying health-seeking behaviour

Questions about the household:

- How many people were sleeping here last night?
- Is there soap in the house today to wash your hands and bodies?
- Is your shower working?
- Is there hot water in the shower?
- Is your toilet working and flushing?

Questions about strep infections

- Does anyone in the house have new **skin sores** since we were here last time?
- Is it covered with a dressing?
- Did the person go to the clinic?
- Has anyone in the house had a **sore throat** since we saw you last time?
- Did the person go to the clinic?

Gathering household density data



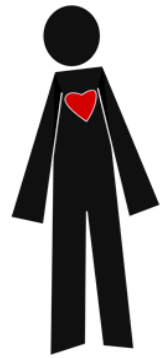
(Vino et al, 2018)

Weekly Check-up

Questions about people in the house who have had ARF

- Is this the house they live and sleep in most of the time (4 nights or more a week)?
- Did they spend time out of the community in the last week? (No, 1-2 nights, 3-4 nights more than 4 nights)
- If a school-aged child, did the person who has had ARF go to school today?
- Reason for not going to school? Health? Other reason?.

The outcomes



- Local ACWs trained and employed
- Functioning health hardware
- Establishment of 'Strep-free zones' in household
- Household identification and treatment for skin sores and sore throats

Ultimate goal

- Reduce cases of ARF
- Reduce new cases of RHD
- Arrest the progress of RHD

Progress so far...

Presentations of project and other information at the 2 participating health centres.

Community 1

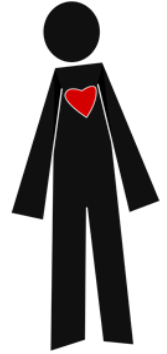
- 3 women employed

Community 2

- 1 man 1 woman employed



Collaborators



- END RHD CRE (funding)
- Heart Foundation (funding)
- Menzies RHD Unit
- Department of Housing
- Community Health Centres (AMS and NT Department of Health)
- CDC RHD Control Program
- RHD Australia

