



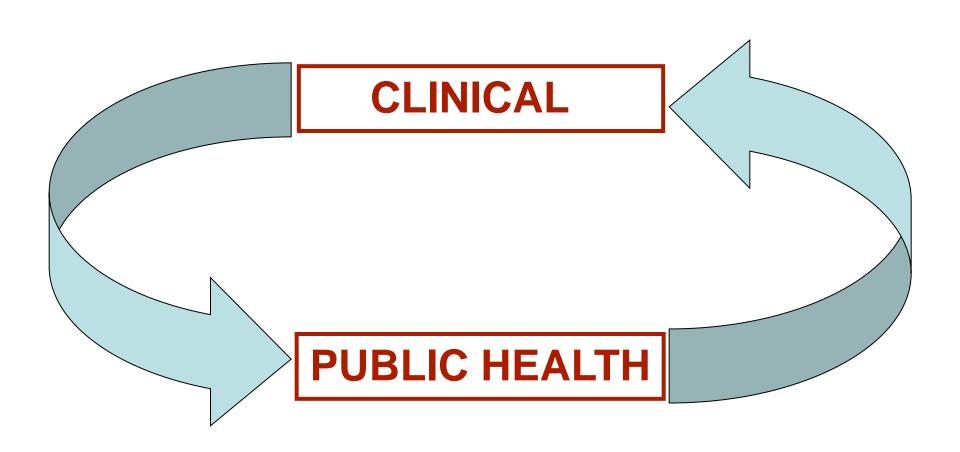


ARF/RHD What we know we don't know but we should

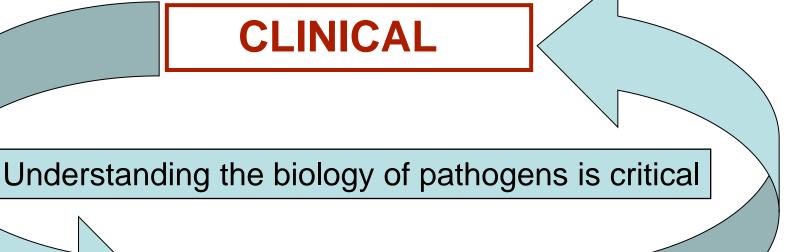
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Socio-economic Public Health **Clinical Housing Standards Health Hardware** of Care **Preventive** Education & Best **Programs Employment Practice Social Biomedical Sciences** Research Research



Infectious diseases are still important



PUBLIC HEALTH

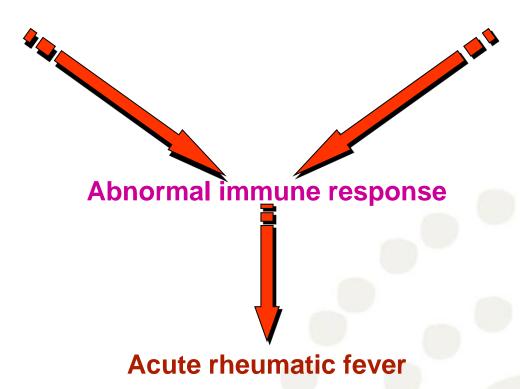
Understanding the sociology of families, communities, society and health staff and health services is critical

Pathogenesis of Acute Rheumatic Fever



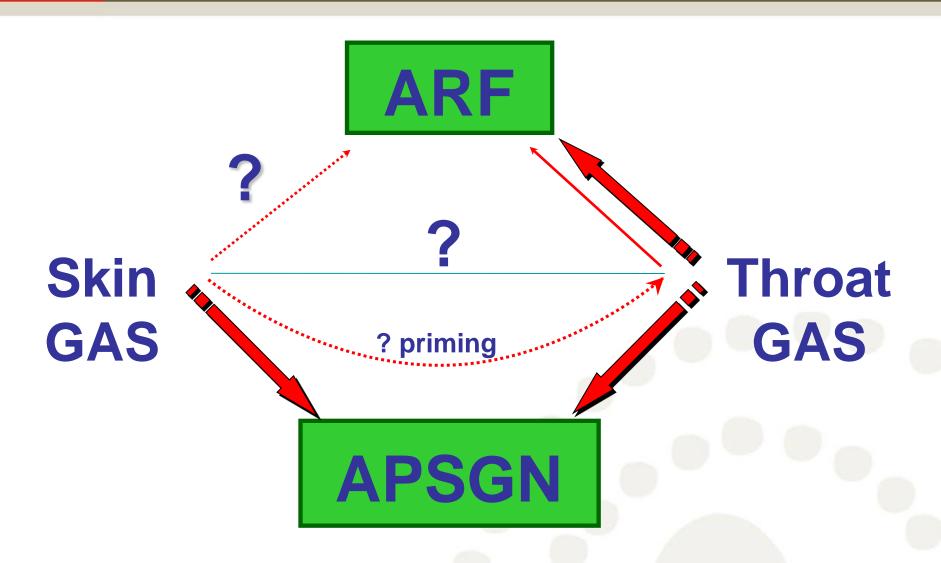
Strep organism factor(s)
("Rheumatogenicity")

Host immune response factor(s)
(Genetic susceptibility)



Throat and skin and ARF and APSGN

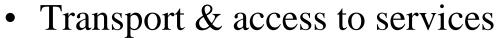




- Who are the "3-6%" susceptible?
 - what is the genetic basis of this?
- What is the immunopathogenetic process?
 - we need a diagnostic blood test for ARF
- Which Gp A strep emm types how restricted?
 - what about GCS and GGS (horiz gene transfer)?
- What have skin GAS got to do with it?

Primordial prevention of ARF/RHD

- Housing
- Education
- Employment
- Communications





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- How do we optimise secondary prophylaxis?
 - dosing, intervals, adherence, pain, site, i-fat?

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Australian & Global Targets?

Key Performance Indicators for NT & Australia?

No child in Australia dying from complications of ARF/RHD

