



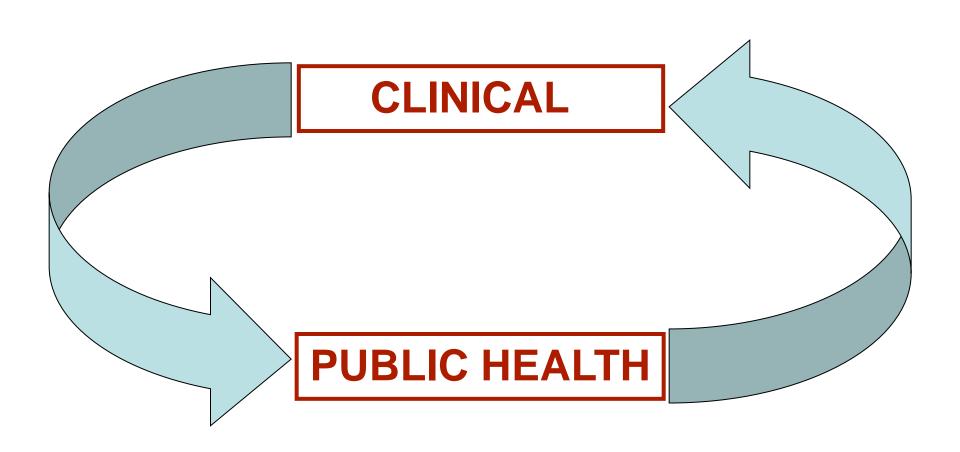


ARF/RHD What we know we don't know

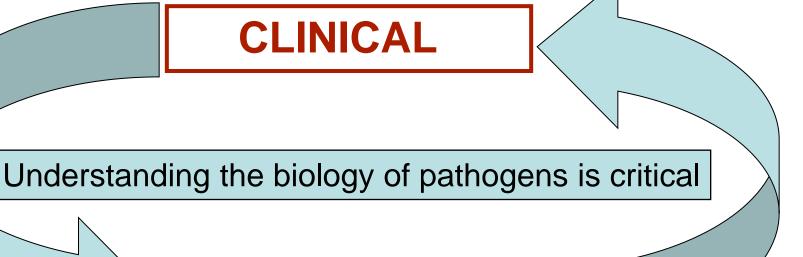
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Socio-economic Public Health **Clinical Housing Standards Health Hardware** of Care **Preventive Education** & Best **Programs Employment Practice Social Biomedical Sciences** Research Research



Infectious diseases are still important



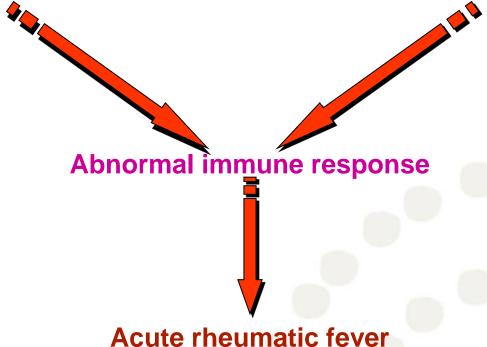
Understanding the sociology of families, communities, society and health staff and health services is critical

PUBLIC HEALTH

Pathogenesis of Acute Rheumatic Fever

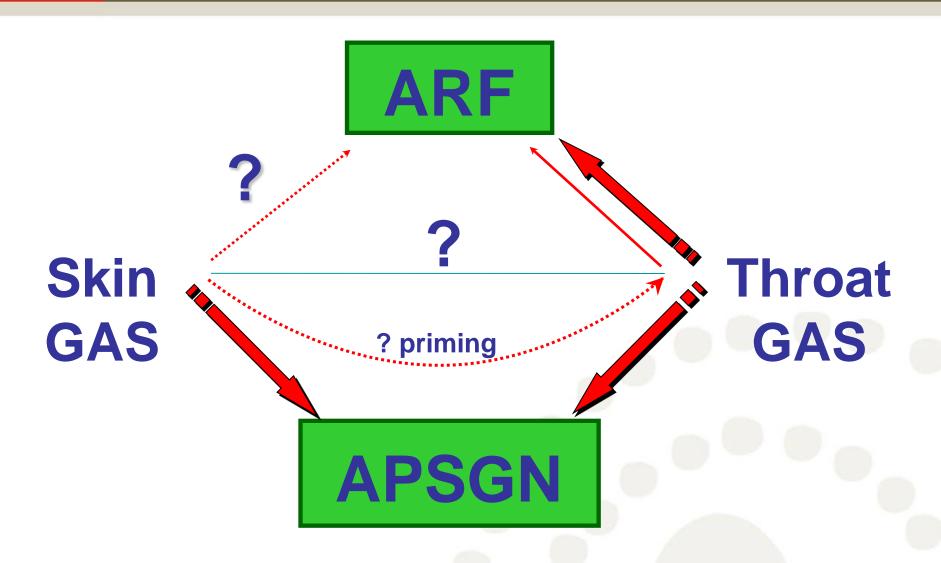


Organism factor(s) Host factor(s) ("Rheumatogenicity") (Genetic susceptibility)



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
- Transport & access to services



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- How to make primordial prevention a reality?

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- How to make primordial prevention a reality?
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- What is the PK/PD of benzathine penicillin?
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 - dosing, intervals, adherence, pain, site, i-fat?

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