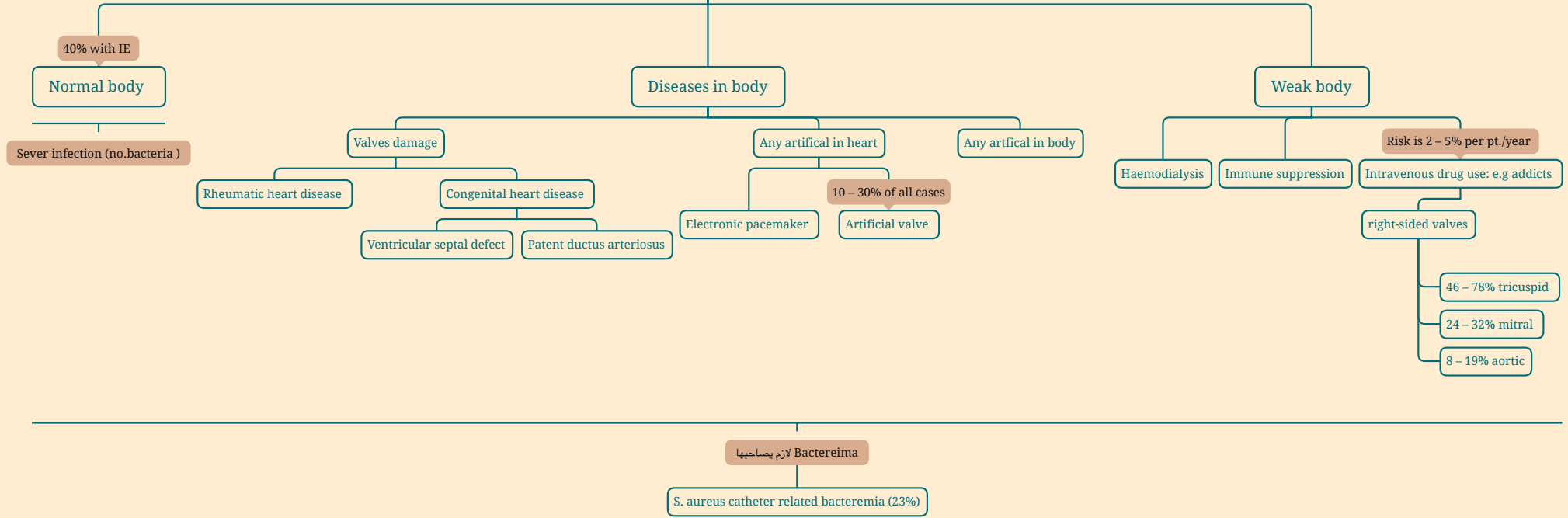


# Infective endocarditis



# Infective Endocarditis

## Time

- Acute: up to 6 weeks — Most commonly caused by Staph. aureus
- Subacute: > 6 weeks and < 3 months —
  - Most commonly caused by viridans streptococci
  - lesser extent by enterococcus
- Valve's
  - Early PVE —
    - Nosocomial (Staph. epidermidis predominates)
    - Enterococcus
  - Late PVE — Community (same organisms as NVE)

## Cause

- Intravenous Drug Abuse — S. aureus
- Nosocomial + GI or GU tract surgery or instrumentation — Staph. aureus and Enterococcus
- Streptococcus pneumoniae —
  - Alcoholism
  - Aortic valve
  - Concurrent pneumonia or meningitis

## Valve's

- NVE —
  - Viridans streptococci: 35 — 65% NVE
  - Enterococcus: 5—15% NVE and PVE
- PVE —
  - S epidermidis
  - Enterococcus: 5—15% NVE and PVE