




Viral diagnostic test for respiratory tract infection

Jutarat Mekmullica, MD
Pediatric department
Bhumibol Adulyadej Hospital

Topic

- Epidemiology of respiratory tract infection
 - Diagnostic test for RTI
 - Clinical use of diagnostic test
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Epidemiology of RTI

- Age
 - Site of infection
 - Upper respiratory tract
 - Lower respiratory tract
 - Seasonal variation
 - Geographic location
 - Outbreak
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Etiologic causes

- Common pathogens

- Adenovirus
- Influenza virus
- Parainfluenza virus
- RSV
- Enterovirus
- Rhinovirus

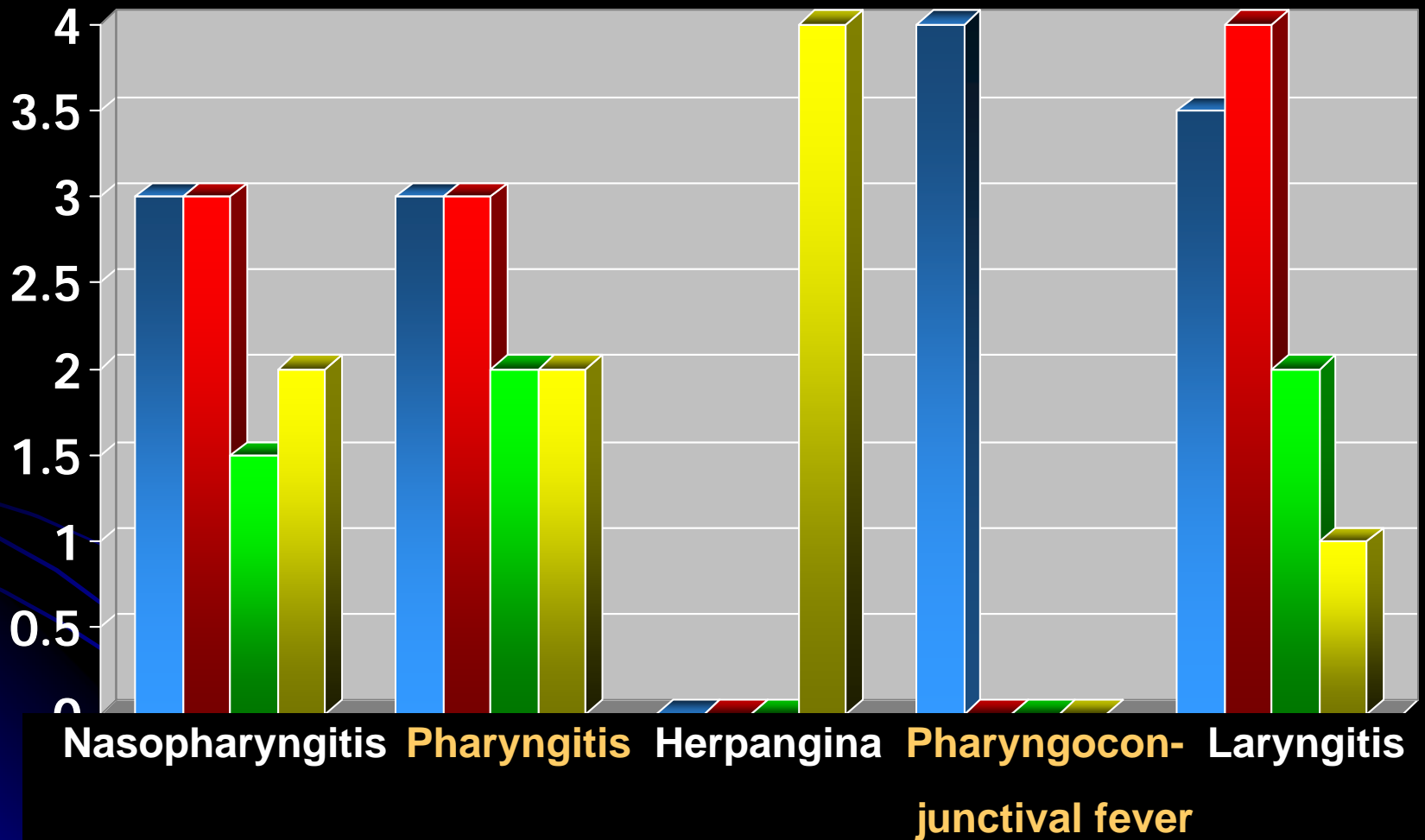
- Emerging pathogens

- Human coronavirus
- Human metapneumovirus
- Human bocavirus

- Less common pathogens

- Measles
- Mumps
- Rubella
- EBV
- HSV
- CMV
- VZV
- Reovirus
- HIV
- HPV

Upper respiratory tract infection



■ Adenovirus
 ■ Influenza virus
 ■ Parainfluenza virus
 ■ Enterovirus