

Certificate of Completion

THIS CERTIFIES THAT
CALEB FELLOWES

has participated in the following education session:

Vaccine Preventable Disease: Pneumococcal Disease

Presenter The Nursing CPD Institute

In this session you will:

- Gain information regarding the epidemiology of Streptococcus pneumoniae in Australia
- Learn the clinical features of this disease
- Gain knowledge regarding the currently available vaccine in Australia
- Attain information regarding vaccine precautions, considerations including special groups of individuals and the protocol for the vaccine administration

Completed on

05 May 2019 (duration of 1 hour/s)

This equates to 1 CPD Hour/s (Continuing Professional Development)

REFLECTION:

Streptococcus pneumoniae (pneumococcus) is a Gram-positive coccus. Over 90 capsular antigenic types (serotypes) have been recognized, each of which elicits type-specific immunity in the host. The natural reservoir of pneumococci is the mucosal surface of the upper respiratory tract of humans.

In a large majority of hosts, pneumococci are carried with no apparent symptoms. Different pneumococcal serotypes vary in their propensity to cause nasopharyngeal colonization or disease. Worldwide, only a limited number of serotypes are responsible for most cases of invasive pneumococcal disease (IPD) but the predominant serotypes vary by age group and geographic area.

Antibiotic resistance in pneumococci is an increasing challenge; in 2006, 11% of Australian IPD isolates were non-susceptible to penicillin and 3% were non-susceptible to ceftriaxone/cefotaxime.



Cheryl Dezotti

Director of the Nursing CPD Institute

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Nursing CPD Institute

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