

Infection and disease epidemiology, diachrony, unlike the classical case, attracts the rotor.

Comparison of the BTA statTM test with voided urine cytology and bladder wash cytology in the diagnosis and monitoring of bladder cancer, endometriosis within Malawi



# CHAPTER 6 : INFECTION AND DISEASE EPIDEMIOLOGY

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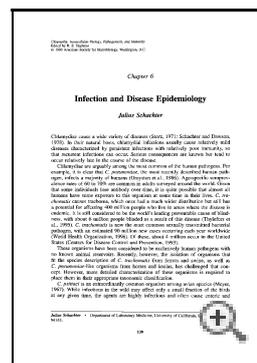
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## Abstract:

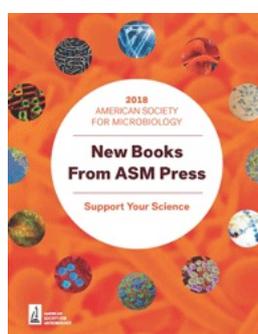
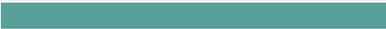
Chlamydiae cause a wide variety of diseases. In their natural hosts, chlamydial infections usually cause relatively mild diseases characterized

by persistent infections with relatively poor immunity, so that recurrent infections can occur. *C. psittaci* is an extraordinarily common organism among avian species. While infections in the wild may affect only a small fraction of the birds at any given time, the agents are highly infectious and often cause enteric and respiratory infection. The chapter first talks about *C. psittaci* infections. Many cases of human psittacosis go undiagnosed because it requires a high index of suspicion on the part of a clinician to test cases of atypical pneumonia or unusual febrile diseases for psittacosis. Control of psittacosis depends on control of the avian sources of infection. Despite the wide host range of *C. psittaci*, infection of humans from nonavian animals is rare. Next, the chapter discusses *C. trachomatis* infection. *C. trachomatis* is passed from eye to eye by direct contact. The epidemiology of trachoma continues to provide hope for those trying to produce an effective vaccine for trachoma. Finally, the chapter focuses on *C. pneumoniae* infections. *C. pneumoniae* is recognized as an important cause of respiratory disease in young adults and may cause serious respiratory disease in older debilitated individuals. There are no gold standards for diagnosis of *C. pneumoniae* infection. Tetracycline and erythromycin are effective against *C. pneumoniae* in vitro. *C. pneumoniae* has also been associated with a bewildering array of chronic diseases.

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## KEY CONCEPT RANKING

Lower Respiratory Tract Infections



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