

TABLES AND FIGURES

Table 1. Clinical findings of ITU and ward patients in comparison to healthy controls

	ITU (n=16)	Ward (n=15)	Outpatient (n=15)
Female	9	9	9
Age*	57 (38-68)	64 (38-80)	49 (43-63)
SOFA†	9 (4-12)	1 (0-3)	N/A
CURB-65†	3 (3-4)	3 (1-4)	N/A
Mortality (28 day)	2	0	0
Hospital LOS	18 (9-26)	6 (2-11)	N/A
ICU LOS	10 (4-17)	N/A	N/A
Respiratory support	Invasive ventilation = 11 Face mask CPAP = 3 Face mask high flow = 2	Room air = 11 Nasal specs = 4	Room air = 15
Microbiology	No growth = 9 <i>S. pneumoniae</i> = 3 <i>E. coli</i> = 1 Influenza = 1 Metapneumovirus = 2	No growth = 15	N/A
Beta-lactam antibiotic (glycopeptide synthase inhibitor if penicillin allergic)	Benzylpenicillin = 4 Amoxicillin = 2 Tazocin = 9 Teicoplanin = 1	Benzylpenicillin = 9 Amoxicillin = 1 Tazocin = 4	N/A
Adjunct antibiotic	Clarithromycin = 13 Clindamycin = 1 Gentamicin = 1 Metronidazole = 1	Clarithromycin = 11 Ciprofloxacin = 1	
Antiviral	Oseltamavir = 3	Oseltamavir = 1	

*Median (range)

†Median (25th-75th percentile)

ITU, Severe sepsis patients; Ward, sepsis patients; Outpatient indicates healthy control; SOFA, Sequential organ failure assessment score; CURB-65, Pneumonia Severity Score based on Confusion, Urea nitrogen >20mg/dL, Respiratory rate > 30 breaths/min, heart beat: Systolic BP < 90 mm Hg or Diastolic BP < or = 60 mm Hg) and Age ≥ 65; ICU, Intensive Care Unit; LOS; CPAP, Continuous Positive Airway Pressure; N/A, not applied.

Table 1. Comparative demographics, illness severity and microbiology data for patients with severe and mild/moderate severity community-acquired pneumonia (“ITU” and “ward” respectively), and respiratory outpatients with no acute inflammatory disease.