

Additional file 2: Bacterial findings and contribution of different methods to diagnostic yield

Pathogen	No. of patients with positive findings	Blood culture	Urine antigen test	BAL/ pleural fluid	Sputum culture	Throat culture	NP culture	PCR from NP culture	Serology
<i>Streptococcus pneumoniae</i>	46	2	35	NA	13	5	5	NA	NA
<i>Haemophilus influenzae</i>	25	NA	NA	3	15	3	4	NA	NA
<i>Pseudomonas aeruginosa</i> ^a	11	1	NA	NA	9	2	1	NA	NA
<i>Staphylococcus aureus</i>	5	2	NA	NA	3	1	1	NA	NA
<i>Klebsiella pneumoniae</i>	3	NA	NA	NA	4	NA	NA	NA	NA
<i>Moraxella catarrhalis</i>	4	NA	NA	NA	3	1	NA	NA	NA
<i>Mycoplasma pneumoniae</i>	2	NA	NA	NA	NA	NA	NA	1	1
<i>Streptococcus pyogenes (GAS)</i>	1	NA	NA	NA	NA	1	NA	NA	NA
Total ^b	97	6	33	3	49	12	11	1	1

Note: Some patients had aetiology established by use of different methods.

BAL; bronchoalveolar lavage; NA; not applicable/not tested, NP; nasopharynx, PCR; polymerase chain reaction

^a *Pseudomonas aeruginosa* was identified in 7 different patients (two patients had multiple admissions where the specific pathogen was identified)

^b Five patients had multiple pathogens; a total of 97 pathogens were identified in 92 patients.