

Table 3 Results of sputum culture done prior to or after antibiotic therapy in 171 patients with community-acquired pneumonia (excluding fungal isolates)

Organism recovered	No prior antibiotic treatment (n = 81)		Prior antibiotic treatment (n = 90)	
	No.	%	No.	%
<i>Streptococcus pneumoniae</i>	35	43.2	24	26.7
<i>Haemophilus influenzae</i>	25	30.9	15	16.7
<i>Moraxella catarrhalis</i>	9	11.1	6	6.7
<i>Pseudomonas aeruginosa</i>	8	9.9	6	6.7
<i>Staphylococcus aureus</i>	7	8.6	16	17.8
<i>Haemophilus parainfluenzae</i>	1	1.2	3	3.3
<i>Pseudomonas fluorescens</i>	1	1.2	1	1.1
<i>Klebsiella pneumoniae</i>	1	1.2	4	4.4
<i>Serratia marcescens</i>	1	1.2	1	1.1
<i>Streptococcus pyogenes</i>	1	1.2	7	7.8
<i>Streptococcus agalactiae</i>	0	–	3	3.3
<i>Stenotrophomonas maltophilia</i>	0	–	3	3.3
<i>Escherichia coli</i>	0	–	3	3.3
<i>Acinetobacter calcoaceticus</i>	0	–	2	2.2
<i>Streptococcus anginosus</i>	0	–	1	1.1
<i>Klebsiella ozaenae</i>	0	–	1	1.1
<i>Alcaligenes xylosoxidans</i>	0	–	1	1.1
<i>Enterobacter cloacae</i>	0	–	1	1.1
<i>Proteus mirabilis</i>	0	–	1	1.1
Fungal isolate	4	4.9	25	27.7
Total (excluding fungal isolates) ^a	89	–	99	–

^aIn some samples more than one organism was isolated.