

Additional file 4: Detailed information on treatment versus outcome for patients with identified pathogens (n=92).

ID-no	Empirical antibiotic	CRB-65 score	Pathogen	Total treatment duration	Length of stay	30-day mortality (0;no, 1;yes)	30-day readmission (0;no, 1;yes)
1	Cefuroxime	MD	<i>S.pneumoniae</i>	13	6	0	0
2	Benzylpenicillin	2	<i>S.pneumoniae</i>	13	3	0	1
3	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	9	3	0	0
			<i>M.catarrhalis</i>				
4	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	14	10	0	0
5	Benzylpenicillin	NA	<i>S.pneumoniae</i>	9	3	0	1
			<i>P.auerginosa</i>				
6	Benzylpenicillin	0	<i>S.pneumoniae</i>	10	6	0	0
7	Benzylpenicillin	0	<i>S.pneumoniae</i>	11	1	0	1
8	Benzylpenicillin	NA	<i>S.pneumoniae</i>	10	3	0	0
9	Doxycycline	NA	<i>S.pneumoniae</i>	12	17	0	0
10	Benzylpenicillin	3	<i>S.pneumoniae</i>	-	-	1	-
11	Doxycycline	NA	<i>S.pneumoniae</i>	9	1	0	1
12	Benzylpenicillin	1	<i>S.pneumoniae</i>	14	6	0	1
13	Benzylpenicillin	1	<i>S.pneumoniae</i>	15	9	0	0
14	Benzylpenicillin	2	<i>S.pneumoniae</i>	14	4	0	0
15	Cefotaxime	3	<i>S.pneumoniae</i>	30	21	0	0
16	Benzylpenicillin	1	<i>S.pneumoniae</i>	11	4	0	0
17	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	14	7	0	0
18	Cefotaxime	3	<i>S.pneumoniae</i>	13	9	0	0
19	Benzylpenicillin + gentamicin	2	<i>S.pneumoniae</i>	10	6	0	1
			<i>M.catarrhalis</i>				
20	Benzylpenicillin	1	<i>S.pneumoniae</i>	14	3	0	0
21	Benzylpenicillin	1	<i>S.pneumoniae</i>	11	-	1	-
22	Doxycycline	MD	<i>S.pneumoniae</i>	11	8	0	0
23	Benzylpenicillin	1	<i>S.pneumoniae</i>	-	.	1	-
24	Benzylpenicillin	NA	<i>S.pneumoniae</i>	15	8	0	0

25	Benzylpenicillin	2	<i>S.pneumoniae</i>	18	34	0	1
26	Benzylpenicillin	MD	<i>S.pneumoniae</i>	9	15	0	0
			<i>M.catarrhalis</i>				
27	Benzylpenicillin	1	<i>S.pneumoniae</i>	9	3	0	0
28	Ceftriaxone	2	<i>S.pneumoniae</i>	14	19	0	0
29	Amoxicillin	NA	<i>S.pneumoniae</i>	7	3	0	1
30	Benzylpenicillin	3	<i>S.pneumoniae</i>	11	12	0	0
31	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	12	3	0	1
32	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	11	4	0	1
33	Benzylpenicillin	1	<i>S.pneumoniae</i>	12	8	0	0
34	Benzylpenicillin	2	<i>S.pneumoniae</i>	15	8	0	0
35	Benzylpenicillin + gentamicin	1	<i>S.pneumoniae</i>	-	-	1	-
36	Benzylpenicillin	2	<i>S.pneumoniae</i>	9	2	0	0
37	Amoxicillin	NA	<i>S.pneumoniae</i>	5	4	0	0
38	Benzylpenicillin	3	<i>S.pneumoniae</i>	19	10	0	0
39	Benzylpenicillin	NA	<i>S.pneumoniae</i>	9	4	0	0
40	Benzylpenicillin	MD	<i>S.pneumoniae</i>	9	4	0	0
41	Benzylpenicillin + gentamicin	3	<i>S.pneumoniae</i>	-	-	1	-
42	Benzylpenicillin	3	<i>S.pneumoniae</i>	11	5	0	0
43	Benzylpenicillin + ciprofloxacin	2	<i>S.pneumoniae</i>	-	-	1	-
			<i>S.aureus</i>				
44	Meropenem	3	<i>S.pneumoniae</i>	11	8	0	1
45	Cefotaxime	4	<i>S.pneumoniae</i>	9	-	1	-
46	Benzylpenicillin	NA	<i>S.pneumoniae</i>	8	4	0	0
47	Benzylpenicillin + gentamicin	1	<i>H.influenzae</i>	16	9	0	0
48	Benzylpenicillin	2	<i>H.influenzae</i>	15	6	0	0
49	Cefotaxime	1	<i>H.influenzae</i>	11	4	0	0
50	Erythromycin	1	<i>H.influenzae</i>	9	6	0	1
51	Benzylpenicillin	1	<i>H.influenzae</i>	15	8	0	0
52	Benzylpenicillin	1	<i>H.influenzae</i>	13	3	0	0
53	Doxycycline	1	<i>H.influenzae</i>	12	4	0	1
54	Benzylpenicillin	2	<i>H.influenzae</i>	14	4	0	0

55	Benzylopenicillin	0	<i>H.influenzae</i>	10	3	0	0
56	Doxycycline	NA	<i>H.influenzae</i>	10	4	0	0
57	Doxycycline	NA	<i>H.influenzae</i>	9	2	0	1
58	Cefotaxime	1	<i>H.influenzae</i>	11	4	0	0
59	Amoxicillin	NA	<i>H.influenzae</i>	7	3	0	0
60	Benzylopenicillin	2	<i>H.influenzae</i>	15	9	0	0
61	Gentamicin + clindamycin	NA	<i>H.influenzae</i>	10	5	0	0
62	Benzylopenicillin	MD	<i>H.influenzae</i>	10	5	0	0
63	Amoxicillin	NA	<i>H.influenzae</i>	10	9	0	0
64	Benzylopenicillin + gentamicin	2	<i>H.influenzae</i>	10	9	0	0
65	Benzylopenicillin	MD	<i>H.influenzae</i>	-	-	1	-
66	Benzylopenicillin	2	<i>H.influenzae</i>	12	1	0	0
67	Benzylopenicillin	3	<i>H.influenzae</i>	14	34	0	0
68	Benzylopenicillin	1	<i>H.influenzae</i>	10	3	0	1
69	Benzylopenicillin	1	<i>H.influenzae</i>	15	8	0	0
70	Benzylopenicillin	2	<i>H.influenzae</i>	11	4	0	0
71	Ampicillin	3	<i>H.influenzae</i>	7	14	0	0
72	Benzylopenicillin	0	<i>M.pneumoniae</i>	12	2	0	0
73	Benzylopenicillin	0	<i>M.pneumoniae</i>	25	11	0	0
74	Meropenem	1	<i>K.pneumoniae</i>	7	7	0	0
75	Meropenem	1	<i>K.pneumoniae</i>	5	5	0	1
76	Benzylopenicillin	1	<i>K.pneumoniae</i>	12	12	0	0
77	Benzylopenicillin	1	<i>S.aureus</i>	13	4	0	0
78	Benzylopenicillin + gentamicin	1	<i>S.aureus</i>	14	6	0	1
79	Benzylopenicillin + gentamicin	2	<i>S.aureus</i>	13	14	0	0
			<i>P. aeruginosa</i>				
80	Piperacillin + Tazobactam	1	<i>S.aureus</i>	13	6	0	0
81	Doxycycline	NA	<i>M. catarrhalis</i>	16	6	0	1
82	Benzylopenicillin	1	<i>M. catarrhalis</i>	15	11	0	0
83	Benzylopenicillin	2	<i>S.pyogenes</i>	12	6	0	0
84	Benzylopenicillin	NA	<i>P. aeruginosa</i>	15	11	0	0

85	Doxycycline	NA	<i>P. aeruginosa</i>	14	14	0	0
86	Benzylpenicillin	2	<i>P. aeruginosa</i>	15	4	0	0
87	Amoxicillin	NA	<i>P. aeruginosa</i>	15	5	0	1
88	Cefotaxime	1	<i>P. aeruginosa</i>	13	3	0	0
89	Cefuroxime	1	<i>P. aeruginosa</i>	14	14	0	0
90	Cefotaxime	4	<i>P. aeruginosa</i>	-	-	1	-
91	Meropenem	MD	<i>P. aeruginosa</i>	12	14	0	0
92	Benzylpenicillin + gentamicin	2	<i>P. aeruginosa</i>	12	3	0	1

CRB-65; Confusion, respiration, blood-pressure and age \geq 65 years, MD; missing data, NA; not applicable for patients with acute exacerbation of chronic obstructive pulmonary disease