

Is rehabilitation effective in preventing decreased functional status after community-acquired pneumonia in elderly patients – result from a multicenter retrospective observational study

Running title: Functional status after pneumonia

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Supplementary Tables

Table S1 Detail information of complications in excluded patients

Complications	No. patients	Frequency
heart failure	39	39.8%
Lumbar compression fracture	19	19.4%
femoral fracture	11	11.2%
acute myocardial infarction	6	6.1%
cerebral infarction	5	5.1%
Others (tumors, et.al.)	18	18.4%

Table S2. Distribution of the causative microorganisms in patients with maintained and decreased group from sputum and blood cultures.

Microorganisms	Total	Maintained group	Decreased group
<i>Streptococcus pneumoniae</i>	71	58	13
<i>Klebsiella pneumoniae</i>	43	29	14
<i>Staphylococcus aureus</i>	38	28	10
<i>Pseudomonas aerogenes</i>	27	20	7
<i>Escherichia coli</i>	19	13	6
<i>Haemophilus influenzae</i>	19	12	7
<i>Moraxella Branhamel</i>	13	9	4
<i>Klebsiella oxytoca</i>	9	7	2
<i>Stenotrophomonas</i>	8	7	1
<i>Raoultella planticola</i>	7	6	1
<i>Streptococcus agalactiae</i>	6	5	1
<i>Enterobacter aerogenes</i>	5	3	2
<i>Enterobacter cloacae</i>	4	3	1
<i>Pseudomonas fluorescens</i>	4	2	2
normal flora	222	168	54
Others	6	4	2
Mixed	11	8	3
Not tested	26	18	8

Table S3 Multivariable analysis of risk factors for mortality in CAP

Risk factors	Mortality			
	OR	95%CI		p value
PSI score	131.2	21.2	812.1	<0.01
FS at admission	5.3	2.2	12.6	<0.01
BMI	0.09	0.01	1.58	0.09
Age	1.01	0.98	1.06	0.38

CAP, community acquired pneumonia; PSI, Pneumonia Severity Index; FS: functional status; BMI, body mass index; OR, odds ratio; CI: confidence interval

Table S4 Multivariable analysis of risk factor for CAP patients above mean hospitalization expenses

Risk factor	High cost		
	OR	95%CI	p value
Aspiration pneumonia	2.06	1.16 3.36	0.01
BMI	4.83	1.05 22.3	0.04
PSI Score	0.29	0.07 1.14	0.07

CAP, community acquired pneumonia; BMI, body mass index; PSI, Pneumonia Severity Index; OR, odds ratio; CI: confidence interval