

Supplementary Materials

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Table S1 Basic information of clinical research

Group drug dosing(number of patients)	Phase II nemonoxacin 500mg (63)	Phase II moxifloxacin 500mg (60)	Phase III nemonoxacin 500mg (312)	Phase III levofloxacin 500mg (166)
Age (mean and standard deviation)	52.7(15.33)	51.6(16.00)	57.8(14.18)	56.5(14.62)
Male (proportion of males,%)	62.7	64.1	62.1	62.7
Ethnicity (Proportion of Han nationality,%)	92.5	95.3	96.8	97.6
Height (cm)	163.5(7.08)	164.7(8.68)	164.9 (7.57)	165.5 (6.88)
Weight (kg)	60.0(8.45)	64.3(11.81)	62.4 (10.60)	62.7 (10.69)
BMI(kg/m2)	22.5(3.01)	23.6(3.29)	22.9 (3.18)	22.8 (3.23)
Pneumonia Severity Index score	Level 2: 46.3%,Level 3: 50.7%,Level 4: 3.0%	Level 2: 46.9%,Level 3: 45.3%,Level 4: 7.8%	Level 2: 24.2%,Level 3: 70.1%,Level 4: 5.7%	Level 2: 26.5%,Level 3: 66.9%,Level 4: 6.6%
Smoking (proportion of non-smokers,%)	67.2	67.2	59.6	54.8
Drinking (proportion of non-drinkers,%)	80.6	60.9	69.4	63.9
Microbiologically proven infection (%)	56.7	60.9	60.5	53.0
Chronic obstructive pulmonary disease (%)	9.0	4.7	15.3	13.3
Cardiovascular disease (%)	9.0	1.6	6.4	5.4

Table S2 Dosing regimen

Drug	Injection	Sequential drugs
Nemonoxacin	Nemonoxacin malate and sodium chloride injection (Zhejiang Medicine) 250ml,0.5g Once a day,intravenous	Nemonoxacin malate capsules (Zhejiang Medicine) 0.25g/per capsule Once a day,2 capsules each time
Moxifloxacin	Moxifloxacin hydrochloride and sodium Chloride Injection (Bayer) 250ml,0.4g Once a day,intravenous	Moxifloxacin hydrochloride tablets (Bayer) 0.4g/per tablet Once a day,1 capsule each time
Levofloxacin	Levofloxacin sodium chloride injection (Daiichi Sankyo) 100ml,0.5g Once a day,intravenous	Levofloxacin sodium chloride tablets (Daiichi Sankyo) 0.4g/per tablet Once a day,1 capsule each time
Second-line therapy	Linezolid for injection (Pfizer) 300ml: 600mg/13.7g Tigecycline (WyethLederleS.r.l.) 50mg 0.1g daily	1.2g per day