Pneumonia (542)

Pneumonia with HCAP criteria (75)

Excluded due to exclusion criteria (13):
- Anti-platelet treatment (11)
- Patient refusal (1)
- Spasticity (1)

Excluded due to missing data (3)

Exclusion for technical problems (5):
- Unavailable fiberscope (3)
- Operator unavailable (2)

HCAP included (54):
- No antibiotic therapy before (21)
- Antibiotic therapy before (33)

Fiberoptic bronchoscope-guided, distal - protected, small-volume bronchoalveolar lavage and blood cultures

Recommended empirical antibiotic therapy

Hospitalization

Intensive care unit (27)
Intermediate care unit (9)
Respiratory department (11)
Others (7)

Bacteriological identification + antiogram

YES
Adapted antibiotic therapy (25)

NO
Empirical antibiotic therapy for 14 days (29)