

COVID AND COMMUNITY ACQUIRED PNEUMONIA LABORATORY TESTS

STAGE 1

UECC

At all stages consider CT Scan

TESTS

- Nose / Throat swab for Covid-19 PCR
- Urine for Legionella Pneumococcal antigen
- Blood Culture

ANTIBIOTICS

Co amoxiclav and Clarithromycin
If Penicillin allergy or
MRSA + Teicoplanin + Clarithromycin

NOTE

If patient has background of COPD, Bronchiectasis, Pulmonary Fibrosis or Cystic Fibrosis start Teicoplanin and Ciprofloxacin

STAGE 2

AMU / Wards

At all stages consider CT Scan

TESTS

- Covid negative
- Urine for Legionella / Pneumococcal negative
- Repeat Covid test 48 hours after first test only if patient worsening and still needs hospital care.
The sample needs to be a sputum

ANTIBIOTICS

Continue Clarithromycin only

STAGE 3

ITU / HDU

TESTS

- Covid + No more tests
- Covid negative, send sputum for mycoplasma
- Covid negative, mycoplasma negative consider R-PCR
- If patient develops hospital aquired infection

ANTIBIOTICS

- No antibiotics
- Continue Clarithromycin
- No antibiotics
- Discuss with Microbiologist whether Ciprofloxacin, Tazocin or Meropenem

NOTE

Daily Procalcitonin might aid treatment and diagnosis