**Supplementary File 2**

**Table:** Diagnostic tests performed in the Emergency Room

|  |  |  |  |
| --- | --- | --- | --- |
|  | **number of explorations: % of patients** |  | **number of explorations: % of patients** |
| **ECG** | * 0: 20.8% * 1: 72.9% * 2: 3.4% * ≥3: 2.9% | **Blood Glucose Test** | * 0: 64.3% * 1: 28% * 2: 2.4% * 3: 1.4% * ≥4: 3.9% |
| **Urinary catheter** | 5.8% | **Peripheral venous catheter** | * 0: 1.4% * 1: 97.6% * 2: 1% |
| **MEDICAL IMAGING AND ENDOSCOPY TESTS** | | | |
| **Chest X-ray** | * 0: 3.9% * 1: 90.3% * 2: 4.8% * ≥3: 1% | **Abdomen X-ray** | * 0: 95.2% * 1: 4.3% * 2: 0.5% |
| **Chest CT scan** | 1.8% | **Chest CT angiography** | 1.4% |
| **Abdomen CT scan** | 0.5% | **Bronchofibroscopy** | 0.5% |
| **Laboratory Tests** | | | |
| **Haemogram** | * 0: 2.4% * 1: 87.4% * 2: 9.2% * ≥3: 1% | **Biochemistry** | * 0: 2.9% * 1: 87% * 2: 8.7% * ≥3: 1.5% |
| **Arterial blood gas** | * 0: 16.9% * 1: 69.1% * 2: 9.7% * ≥3: 4.4% | **Myocardial injury markers** | * 0: 81.2% * 1: 16.4% * 2: 1.9% * 3: 0.5% |
| **D-Dimer test** | 7.7% | **NT-proBNP test** | 13.6% |
| **Proteins** | * 0: 88.4% * 1: 9.7% * 2: 1.4% * 5: 0.5% | **Legionella urine antigen test** | 21.7% |
| **Pneumococcal urine antigen test** | 23.7% |  |  |
| **MICROBIOLOGY** | | | |
| **Hemoculture** | * 0: 71% * 1: 23.2% * 2: 5.8% | **Sputum culture** | * 0: 46.9% * 1: 48.8% * 2: 2.9% * 3: 1% * 4: 0.5% |
| **Antibiogram** | * 0: 67.1% * 1: 30% * 2: 2.4% * 3: 0.5% | **Mycobacteria culture** | * 0: 77.3% * 1: 21.7% * 2: 1% |
| **Urinary sediment** | 20.8% | **Urine culture** | 7.2% |

**Table:** Diagnostic tests performed in the Hospitalization Ward

|  |  |  |  |
| --- | --- | --- | --- |
|  | **number of explorations: % of patients** |  | **number of explorations: % of patients** |
| **ECG** | * 0: 56.8% * 1: 36% * 2: 5.9% * ≥3: 1.4% | **Peripheral venous catheter** | * 0: 13.5% * 1: 60.4% * 2: 16.2% * ≥3: 9.9% |
| **Blood Glucose Test** | * 0: 63.5% * 1: 6.3% * 2: 1.8% * 3: 1.4% * ≥4: 25.7% | **Central venous catheter** | 3.2% |
| **Urinary catheter** | 7.2% |  |  |
| **MEDICAL IMAGING AND ENDOSCOPY TESTS** | | | |
| **Chest X-ray** | * 0: 39.2% * 1: 39.2% * 2: 12.2% * 3: 6.8% * ≥4: 2.8% | **Abdomen X-ray** | * 0: 97.7% * 1: 1.4% * 2: 0.5% * 6: 0.5% |
| **Chest CT scan** | 9.9% | **High resolution chest CT scan** | 9% |
| **Chest CT angiography** | 5% | **Abdomen CT scan** | 0.9% |
| **Other CT scans** | 1.4% | **Abdominal echography** | 5% |
| **Thoracic echography** | 1% | **Other ultrasound tests** | 2.3% |
| **Echocardiography** | 8.1% | **Bronchofibroscopy** | 4.1% |
| **Bronchofibroscopy with bronchoalveolar lavage** | 2.7% | **Other imaging tests** | 2.7% |
| **Laboratory Tests** | | | |
| **Haemogram** | * 0: 8.1% * 1: 40.5% * 2: 23% * 3: 12.2% * ≥4: 16.2% | **Biochemistry** | * 0: 8.1% * 1: 39.6% * 2: 25.7% * 3: 10.4% * ≥4: 16.2% |
| **Coagulation** | 16.4% | **Arterial blood gas** | * 0: 50.9% * 1: 32.4% * 2: 9.5% * ≥3: 7.2% |
| **D-Dimer test** | * 0: 89.6% * 1: 7.2% * 2: 2.7% * 4: 0.5% | **NT-proBNP test** | * 0: 82.4% * 1: 9.5% * 2: 4.5% * ≥3: 3.6% |
| **Myocardial injury markers** | * 0: 86.5% * 1: 9% * 2: 2.3% * ≥3: 2.3% | **Proteins** | * 0: 49.1% * 1: 41% * 2: 4.1% * ≥3: 5.9% |
| **Proteinogram** | 14.9% | **Immunoglobulins** | 12.2% |
| **Alpha-1 antitrypsin test** | 3.2% | **Alpha 1 antitrypsin phenotype test** | 1.4% |
| **Pneumoallergens RAST** | 1.4% | **ABPA screening serology** | 2.3% |
| **Legionella urine antigen test** | 14.4% | **Pneumococcal urine antigen test** | 16.2% |
| **Rheumatoid factor** | 1.4% | **Antinuclear antibodies (ANA)** | 2.3% |
| **Antineutrophil cytoplasmic antibody (ANCA)** | 1.8% | **Anaemia workup blood tests** | 5.4% |
| **Drug levels** | 9.5% | **Thyroid Hormones** | 4.5% |
| **MICROBIOLOGY** | | | |
| **Hemoculture** | * 0: 85.6% * 1: 7.2% * 2: 4.1% * 3: 3.2% | **Sputum culture** | * 0: 25.7% * 1: 45.9% * 2: 19.8% * 3: 6.8% * ≥4: 1.9% |
| **Antibiogram** | * 0: 50% * 1: 34.7% * 2: 10.8% * 3: 4.1% * 4: 0.5% | **Mycobacteria culture** | * 0: 56.8% * 1: 27% * 2: 11.7% * 3: 4.1% * 4: 0.5% |
| **Cultures of other respiratory specimens** | 13.5% | **Respiratory Virus PCR test** | 4.5% |
| **Urinary sediment** | 14% | **Urine culture** | 6.8% |
| **PFR** | | | |
| **Spirometry** | 14% | **Volumes - DLCO** | 3.6% |
| **6’-walking test** | 0.9% |  |  |