|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Patient Number | Age in years | Sex | Vaccination status | DNR | Complications during hospitalization | Comorbidities/Past Medical History |
| 1  | 59 | F | Partial | Yes | AKI, Urgent HD, Cardiac Arrest | CKD, DM, Obesity |
| 2 | 70 | M | Partial | Yes | AKI, Hyperkalemia, acute STEMI, Cardiac arrest  | CHF, CAD, Malignancy, DM, Immunocompromised, Obesity |
| 3 | 67 | F | Partial | Yes | Demand Ischemia, AKI, Hyperkalemia, Comfort care | CHF, CAD, DM, COPD, Immunocompromised, Obesity |
| 4 | 77 | F | Partial | Yes | Superimposed bacterial infection, Atrial fibrillation with RVR, AKI, Hyperkalemia, Cardiac Arrest | DM, Malignancy, Obesity |
| 5 | 73 | M | Partial | Yes | Extensive Bilateral LE DVT, Cardiac arrest | DM, CHF, CAD, Obesity |
| 6 | 76 | M | Full | Yes | AKI, Superimposed bilateral bacterial Pneumonia, Cardiac arrest | DM, Malignancy, Immunocompromised, CHF, CAD, Obesity |
| 7 | 89 | M | Full | Yes | Comfort care | DM, Obesity, CHF, CAD |
| 8 | 53 | F | Full | No | Post-operative massive saddle Pulmonary embolism, Cardiac arrest | COPD, Immunocompromised, CKD, CHF, CAD |
| 9 | 68 | M | Full | Yes | On palliative chemotherapy for metastatic lung cancer, cardiac arrest | Immunocompromised, CKD, CHF, CAD, Malignancy |
| 10 | 91 | M | Full | Yes | AKI, Hyperkalemia, Cardiac arrest | DM, COPD, CHF, CAD, ESRD on HD, Obesity |
| 11 | 63 | M | Full | Yes | Advanced lung fibrosis, Comfort care | COPD, Immunocompromised, CHF, CAD,Obesity |
| 12 | 86 | M | Full | Yes | Demand ischemia, AKI, Hyperkalemia, High anion gap metabolic acidosis, Comfort care  | DM, Immunocompromised, COPD, Obesity |
| 13 | 82 | M | Full | Yes | Lower GI bleeding, AKI, Hyperkalemia, Comfort care | Malignancy, Immunocompromised, Rheumatoid Arthritis on therapy, CAD |

Suppl 6. Table S5: Clinical details of patients with severe breakthrough COVID-19 infection having mortality. All the patients had Hypoxic Respiratory Failure before expiration. DNR= Do Not Resuscitate; AKI= Acute Kidney Injury; HD= Hemodialysis; CKD= Chronic Kidney Disease; DM= Diabetes Mellitus; STEMI= ST-segment Elevated Myocardial Infraction; CHF= Congestive Heart failure; CAD= Coronary Artery Disease; COPD= Chronic Obstructive Pulmonary Disease; RVR= Rapid Ventricular Response; DVT= Deep Vein Thrombosis; ESRD= End-Stage Renal Disease; GI= Gastrointestinal.