

Table S1: clinical data (M: male; F: female; ECMO: Extra-Corporeal Membrane Oxygenation; BAL: Broncho-Alveolar Lavage; PNX: pneumothorax; OB: obstructive bronchitis; MRSA: Methicillin-resistant Staphylococcus aureus; UIP: usual interstitial pneumonia; DVP: deep vein thrombosis; DAOD: distal arterial occlusive disease, RBBB: Right bundle branch block).

		Age	Gender	Symptoms duration before death (days)	PM interval (hours)	Associated pathologies	First symptoms	Other
First pandemic wave (02/2020-04/2020)	Case 1	51	M	6	31	- Ictus cerebri (2006) - Hypertension - Glaucoma - Kidney failure - Drug abuser	- Dyspnea - Fever	- Dialysis - <i>C. glabrata</i>
	Case 2	64	M	16	72	- Obesity - Hypertension	- Dyspnea - Fever	- Dialysis
	Case 3	70	F	13	38	- Ictus cerebri (2015) - Obesity - Smoker	- Dyspnea - Fever	
	Case 4	62	M	14	36	- Obesity - Hypertension	- Dyspnea - Fever	
	Case 5	44	M	26	29	- Diabetes type I - Obesity - Hypertension	- Dyspnea	- ECMO - <i>E. coli</i>
	Case 6	64	F	25	50	- Obesity - Crohndisease	- Dyspnea	- <i>C. glabrata</i>
	Case 7	52	M	16	55	- Obesity - Hypertension	- Dyspnea	
	Case 8	66	M	35	25	- Hypertension - Dyslipidemia	- Fever	- <i>P. aeruginosa</i> - <i>S. aureus</i> - <i>C. albicans</i> - <i>S. capitis</i>
	Case 9	74	M	26	24	- Ischemic cardiomyopathy (previous acute myocardial infarction) - OB - Atrial fibrillation - Diabetes type II	- Urinary retention (pelvic mass) - Fever - Syncope - Previous pneumonia (February)	- During hospitalization, pneumonia SARS-CoV2 related - MRSA - PNX
	Case 10	62	F	17	37	- Hypothyroidism	- Fever - Muscular weakness	- <i>S. aureus</i>

	Case 11	58	M	51	24	- Hypertension	- Fever - Dyspnea	- <i>E. faecium</i> - <i>S. capitis</i> - <i>P. aeruginosa</i>
Second pandemic wave (09/2020- 12/2020)	Case 12	63	F	30	24	- Hypertension - Dyslipidemia		
	Case 13	79	F	9	24	- Obesity - Hypertension	- Sepsis	- DVP
	Case 14	66	M	38	24	- Obesity - OB - Hypertension	- Fever - Dyspnea	- ECMO - multiple bleedings
	Case 15	52	F	6	24	- Kidney failure - Multiple Myeloma - Rheumatoid arthritis	- Dyspnea - low back pain	
	Case 16	74	M	31	24	- Hypertension - Dyslipidemia - UIP	- Fever - Dyspnea	- <i>Aspergillus</i>
	Case 17	75	M	36	24	- Hypertension	- Fever - Dyspnea	- <i>S. epidermidis</i> - <i>S. pneumoniae</i>
	Case 18	58	M	10	24	- Hypertension - Dyslipidemia - Obesity - Diabetes type II	- Fever - Dyspnea	
	Case 19	77	M	45	24	- Colonic adenocarcinoma - Dyslipidemia - Obesity - Diabetes type II	- Urinary Sepsis - Dyspnea	- <i>Acute cholecystitis</i> - <i>E. faecium</i>
	Case 20	47	M	25	24	- Obesity	- Fever - Syncope	- <i>K.pneumoniae</i> - <i>Aspergillus</i>
Third pandemic wave (01/2021- 04/2021)	Case 21	86	M	11	24	- DAOD - Kidney failure - Coronaropathy - Dyslipidemia - DM	- Fever and SARS-CoV-2 positivity after surgery (DAOD)	- <i>S. lugdunensis</i>
	Case 22	55	F	12	72		- Syncope	- DVP and pulmonary embolism
	Case 23	60	M	43	72	- Hypertension	- Fever and SARS-CoV-2 positivity after surgery (gallbladder)	- <i>Acinetobacter</i> - <i>K. pneumonia</i> - Cerebral bleeding
	Case 24	59	M	10	24	- Obesity - Hypertension	- Dyspnea	
	Case 25	72	M	14	72	- Renal Cell Carcinoma - Colon Cancer	- Fever - Dyspnea	- Retroperitoneal haematoma
	Case 26	75	F	24	48	- Obesity - Hypertension	- Fever - Weakness	- <i>E. faecalis</i>

					- Dyslipidemia		
Case 27	59	M	28	24	- Coronaropathy - Hypetension - RBBB	- Dyspnea - Weakness	- <i>P. aeruginosa</i>
Case 28	78	M	27	48	- OB	- Fever - Dyspnea	- <i>S.epidermidis</i>
Case 29	58	M	27	24	- Smoker	- Dyspnea - Headache	- <i>DVP</i>
Case 30	66	M	18	24	- Obesity - Hypertension - DM	- Fever - Dyspnea	
Case 31	63	M	10	24	- Obesity - Hypertension - Ischemic cardiomyopathy (previous acute myocardial infarction)	- Fever - Dyspnea	- <i>Kidney failure</i>
Case 32	65	M	19	24	- DM - Dyslipidemia - Kidney failure	- Fever - Dyspnea	
Case 33	90	M	5	24	- DM - Kidney failure	- Fever - Dyspnea	