

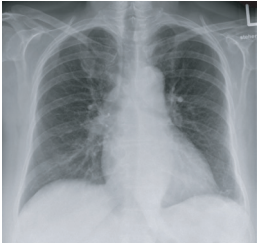
Supplementary figure 1

Radiological assessment  
(Days after admission)

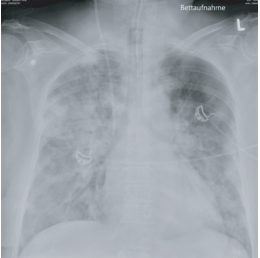
Day 2



Day 11

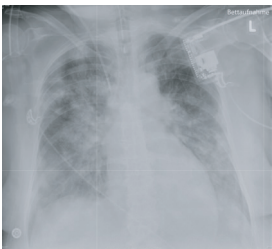


Day 15



SARS-CoV-2  
positive RT-PCR

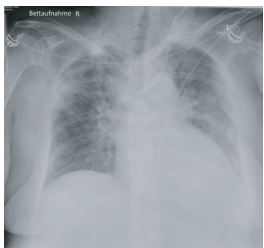
Day 17



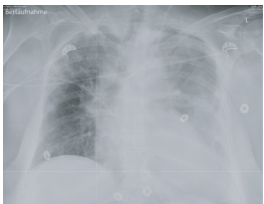
Day 18



Day 22

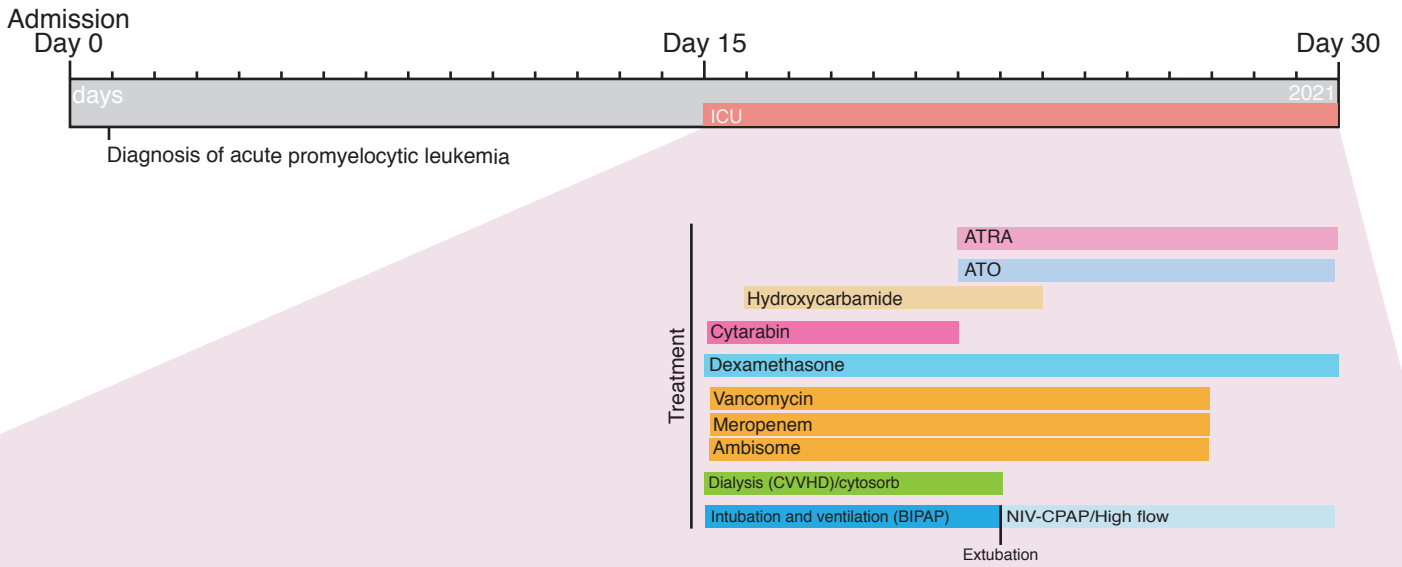


Day 30

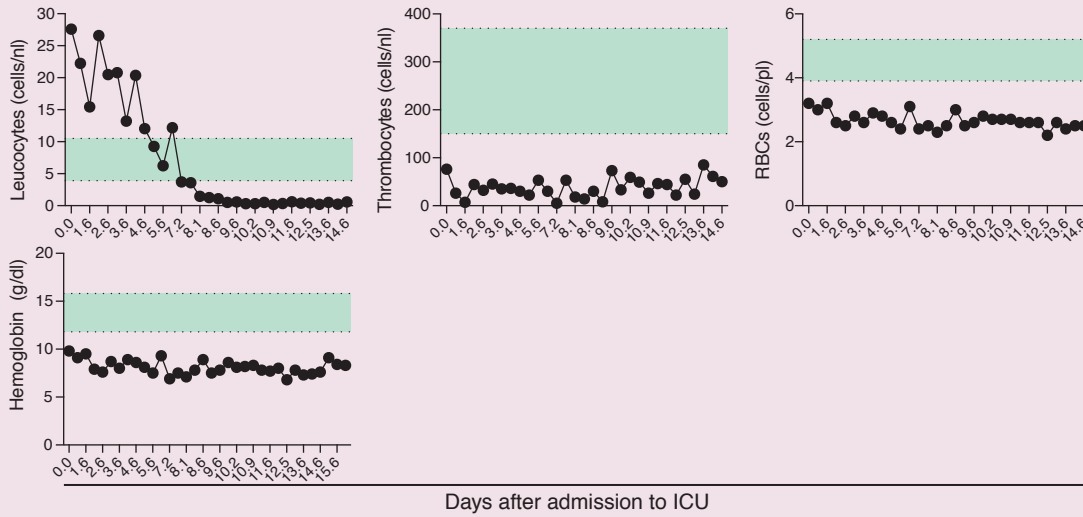


Supplementary figure 2

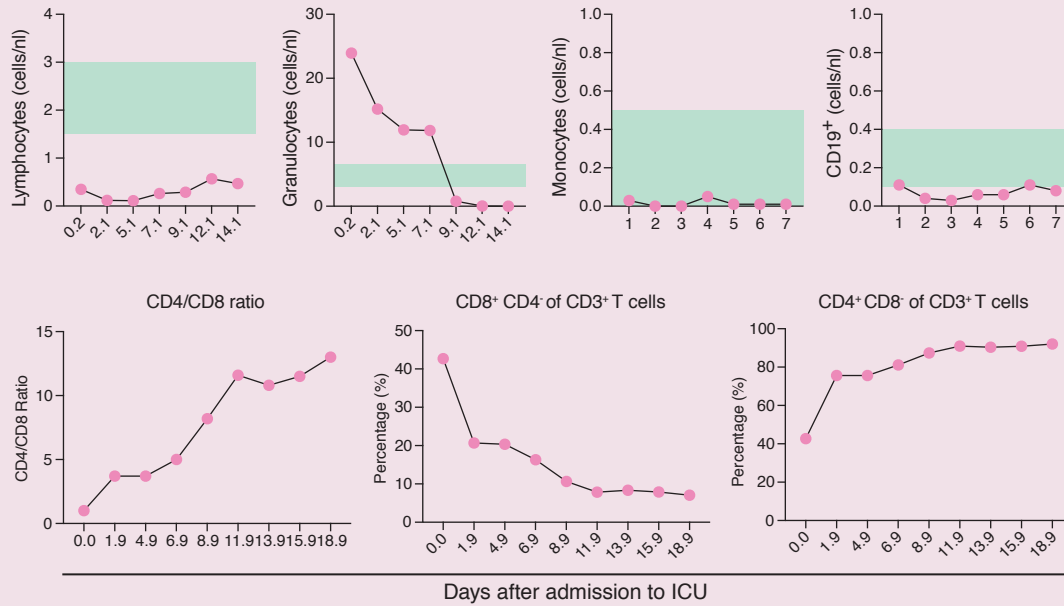
A



B



C



## Supplementary Table S1

### A. Microbiological cultures

Days after admission	Tested material	Results	Comments
Day 2	Blood culture	no bacterial growth	
Day 2	Blood culture	no bacterial growth	
Day 2	Urine culture	no bacterial growth	
Day 6	Stool	<i>Clostridium difficile</i> Glutamate Dehydrogenase - negative	
Day 9	Stool	<i>Clostridium difficile</i> Glutamate Dehydrogenase - negative	
Day 11	Blood culture	no bacterial growth	
Day 11	Urine culture	no bacterial growth	
Day 15	Blood culture	no bacterial growth	
Day 15	Blood culture	no bacterial growth	
Day 15	Blood culture	no bacterial growth	
Day 15	Blood culture	no bacterial growth	
Day 15	Blood culture	no fungal growth	
Day 15	Urine culture	no bacterial growth	
Day 18	Blood culture	no bacterial growth	
Day 18	Blood culture	no bacterial growth	
Day 18	Blood culture	no bacterial growth	
Day 24	Blood culture	no bacterial growth	
Day 24	Urine culture	no bacterial growth	
Day 24	Blood culture	no fungal growth	

### B. Specific microbiological assays

Days after admission	Tested material	Tested pathogen	Results	Comments
Day 0	Serum	<i>Treponema pallidum</i> -specific antibodies	negative	
Day 15	BAL	<i>Pneumocystis jirovecii</i> antigen <i>Pneumocystis jirovecii</i> IFT	negative negative	BAL: Bronchoalveolar lavage
Day 17	Urine	<i>Leg. pneumophila</i> . Serotype 1-Antigen	negative	
Day 17	BAL	<i>Aspergillus</i> Antigen	negative	BAL: Bronchoalveolar lavage
Day 17	BAL	<i>Chlamydia pneumoniae</i> -DNA-PCR	negative	BAL: Bronchoalveolar lavage
Day 17	BAL	<i>Legionella pneumophila</i> -DNA-PCR	negative	BAL: Bronchoalveolar lavage
Day 17	BAL	<i>Mycoplasma pneumoniae</i> -DNA-PCR	negative	BAL: Bronchoalveolar lavage

## Supplementary Table S2

### A. SARS-CoV 2 molecular diagnostics

Days after admission	Tested material		Results	Comments
Day 0	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Not detected	
Day 6	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Not detected	
Day 10	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Not detected	
Day 14	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Positive	Ct Threshold: <30 cycles
Day 14	nasopharyngeal swabs	SARS-CoV-2 Sequencing	B.1.1.7 (17/17 B.1.1.7 SNPs)	Mutations in S-Gene: - IHV68I: ND - K417T: ND - K417N: ND - N439K: ND - L452R: ND - Y453F: ND - E484K: ND - E484Q: ND - N501Y: D - D614G: D - Q677H: ND - P681H: D - P681R: ND - V1176F: Not enough coverage  (ND: not detected; D: Detected)
Day 27	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Positive	Ct Threshold: <30 cycles
Day 29	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Positive	Ct Threshold: >30 cycles
Day 34	nasopharyngeal swabs	SARS-CoV-2-RNA (PCR)	Positive	Ct Threshold: >30 cycles

### B. Viral serology

Days after admission	Tested material		Results	Comments
Day 1	Serum	HIV-DUO SE	negative	
Day 2	Serum	EBV-VCA-IgG (EIA)	>750 U/ml	
Day 2	Serum	EBV-VCA-IgM (EIA)	negative	
Day 2	Serum	EBV-EBNA1-IgG (EIA)	229 U/ml	
Day 2	Serum	CMV-IgG (EIA)	100.1 AE/ml	
Day 22	Serum	HIV-DUO SE	negative	
Day 23	Serum	HBc-Antibodies	negative	
Day 23	Serum	HBs-Antibodies	205 U/l	

Day 23	Serum	Hepatitis C Virus Antibodies	negative	
Day 23	Serum	HBs-Antigen	negative	

### C. Molecular viral testing

Days after admission	Tested material		Results	Comments
Day 2	Blood	<i>Epstein-Barr Virus</i> (EBV) DNA - PCR	Not detected	
Day 2	Plasma	<i>Cytomegalovirus</i> (CMV)-DNA- PCR	Not detected	
Day 17	BAL	SARS-Coronavirus 2-RNA (Multiplex-PCR)	Positive	
Day 17	BAL	<i>Respiratory syncytial virus A</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Respiratory syncytial virus B</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Influenza A</i> -Virus-RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Influenza B</i> -Virus-RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Parainfluenza 1</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Parainfluenza 2</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Parainfluenza 3</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Parainfluenza 4</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Metapneumovirus</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Coronavirus 229E</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Coronavirus NL63</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Coronavirus HKU1</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Coronavirus OC43</i> -RNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Bocavirus</i> -DNA (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Influenza A H1N1/2009</i> (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Influenza A H1</i> (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Influenza A H3</i> (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Enterovirus/Rhinovirus</i> (Multiplex-PCR)	Not detected	
Day 17	BAL	<i>Adenovirus</i> -DNA (Multiplex-PCR)	Not detected	