

		källa	hänvisning
Befolkning, Tyskland (avrundad)	83.000.000 personer	[4]	
70% av befolkningen inficeras	58.100.000 personer	[3]	B.-Repro. (R0)=3
20% av ovanstående 58.100.000 kommer att ha symtom	11.620.000 personer	[2]	
5% av ovanstående 11.620.000 kommer att behöva en respirator	581.000 patienter	[1]	10% i Italien [15]
Genomsnittlig ventilationstid av COVID-19 patienter	9 dagar	[1]	
Kumulativt total behov av ventilationsdagar	5.229.000 dagar		
40-50% står för avvänjningen (weaning) av patienterna		[5][6][7][8]	
Fysioterapi och andningsträning reducerar ventilationstid signifikant med minst 1-2,15 dagar		[5][9][10][11][12][13][14]	
Minskning av kum. total behovet av ventilationsdagar (vid minskning av 1dag) till endast	4.648.000 dagar		
Härmed frigörelse av respirationsresurser (med 9-dagars ventilation) för	64.555 patienter		
Minskning av kum. total behovet av ventilationsdagar (vid minskning av 2,15 dagar) till endast	3.979.850 dagar		
Härmed frigörelse av respirationsresurser (med 9-dagars ventilation) för	442.205 patienter		
Patofysiologi av avvänjningsfel: [5]			
Hyperkapniska insufficiens	påverkbara genom fysioterapi, andningsterapi, muskelträning och träning av metabolism [16] [17] [18]		
andningscentrum			
Nervale Steuerung			
Andningsmusker			
Muskulös överbelastning			
Andningssjukdomar			
Thoracic restriktion			
Hypoxisk insufficiens som ett resultat av pulmonal parenkym sjukdom och hjärt-lungsamspel			
Syreupptag och syreförbrukning			
Kritisk sjukdom-associerad polineuropati			
Kritisk sjukdom-associerad myopati			
Andra metaboliska aspekter			
Speciella problem hos barn			

källa:

[1] Rapid communication Influenza-associated pneumonia as reference to assess seriousness of coronavirus disease (COVID-19) Kristin Tolksdorf¹, Silke Buda¹, Ekkehard Schuler², Lothar H Wieler¹, Walter Haas¹ 1. Robert Koch Institute, Berlin, Germany 2. Helios Kliniken GmbH, Berlin, Germany Correspondence: Kristin Tolksdorf (tolksdorfk@rki.de) Citation style for this article: Tolksdorf Kristin, Buda Silke, Schuler Ekkehard, Wieler Lothar

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www.destatis.de/DE/Themen/GesellschaftUmwelt/Bevoelkerung/Bevoelkerungsstand/_inhalt.html

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Autoren B. Schönhofer^{1, 2}, J. Geiseler², D. Dellweg², O. Moerer², T. Barchfeld³, H. Fuchs³, O. Karg³, S. Rosseau³, H. Sitter^{3, 4}, S. Weber-Carstens³, M. Westhoff³, W. Windisch³, AWMF Register-Nr 02/015

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