

	PATIENTS WHO DIED FROM COVID-19		PATIENTS WHO DIED FROM OTHER CAUSES		P-VALUE
	(N. 1,755) N. (%)		(N. 17,079) N. (%)		
Mean age (SD)	82.9	(9.9)	82.6	(11.9)	0.406
Males	934	(53.2)	7,954	(46.6)	<0.001
Recent cancer	125	(7.1)	2,776	(16.3)	<0.001
Diabetes mellitus	487	(27.7)	4,371	(25.6)	0.049
COPD	438	(25.0)	4,033	(23.6)	0.208
Dementia	508	(28.9)	3,906	(22.9)	<0.001
Ischemic heart disease	476	(27.1)	4,559	(26.7)	0.699
Stroke	209	(11.9)	2,017	(11,8)	0.903
Heart failure	348	(19.8)	3,868	(22.6)	0.007
Epilepsy	82	(4.7)	731	(4.3)	0.593
Hypertension	1,456	(83.0)	14,120	(82.7)	0.761
Peripheral obliterative arteriopathy	152	(8.7)	1,350	(7.9)	0.265
Kidney failure	113	(6.4)	1,130	(6.6)	0.775
Dyslipidaemia	1,126	(64.2)	10,215	(59.8)	<0.001
Inflammatory bowel disease	19	(1.1)	214	(1.3)	0.539
Rheumatic diseases	84	(4.8)	705	(4.1)	0.190

Predittori indipendenti di decesso per COVID-19 vs. altre cause. Area Vasta Centro, 2020

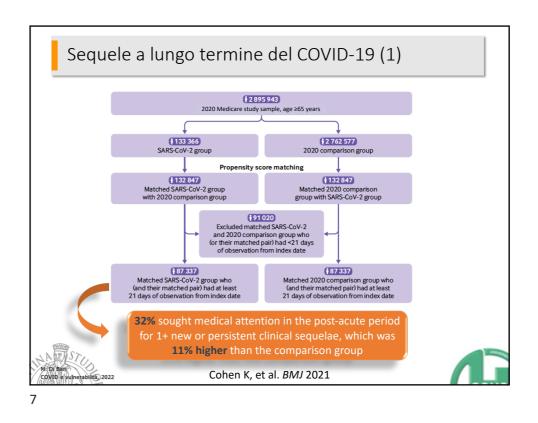
COVARIATE	OR	(95%Cl)	P-VALUE	
Gender (males vs females)	1.39	(1.26-1.54)	<0.0001	
Dyslipidaemia	1.19	(1.07-1.33)	0.001	
Diabetes mellitus	1.08	(0.96-1.21)	0.212	
Dementia	1.33	(1.19-1.49)	<0.0001	
Heart failure	0.77	(0.68-0.88)	<0.0001	
Recent cancer	0.40	(0.33-0.48)	<0.0001	

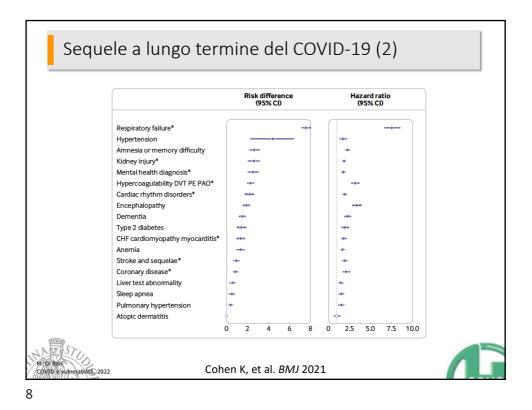
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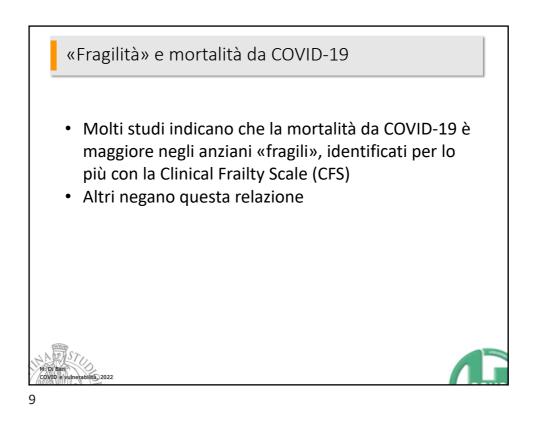
Levi M, et al. Epidemiol Prev 2021

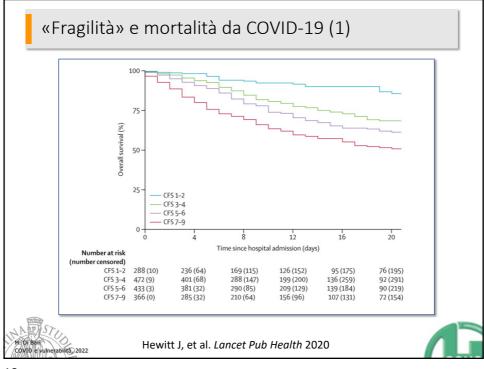


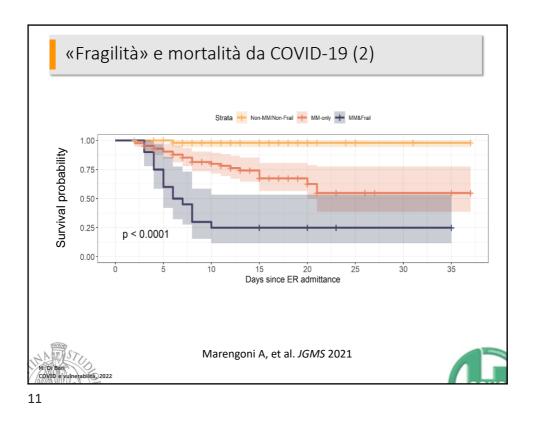
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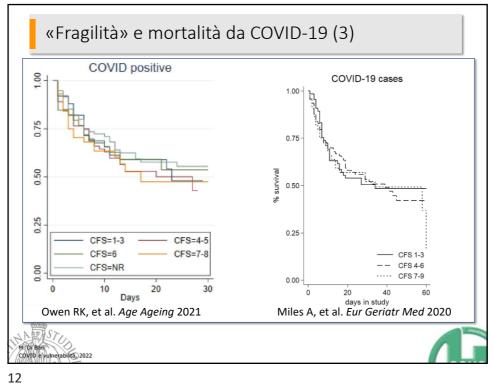


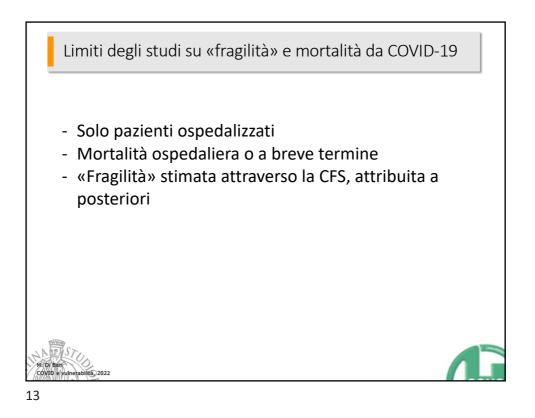


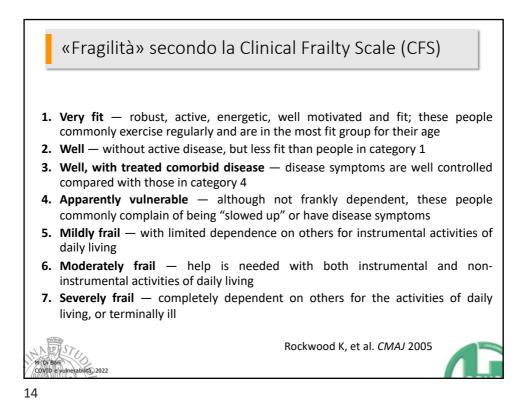


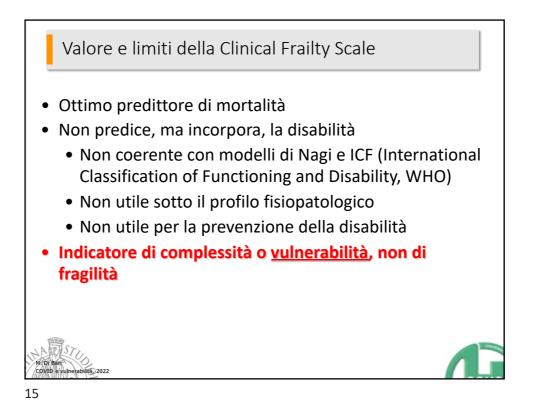


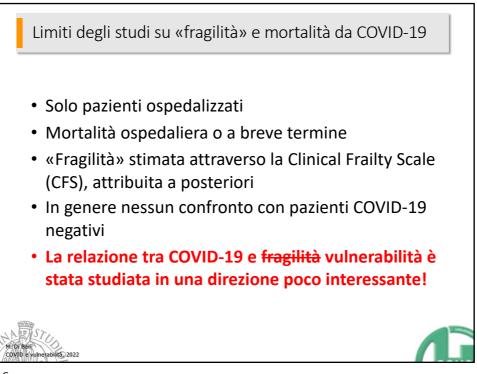


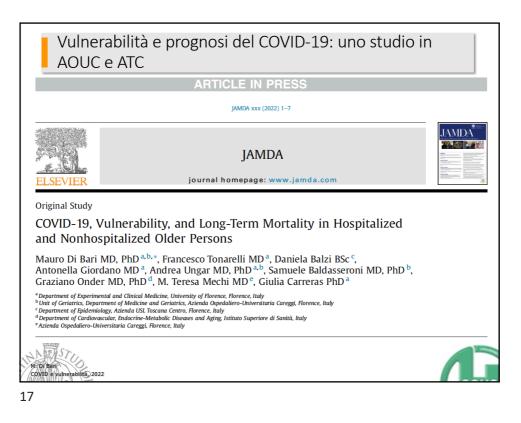


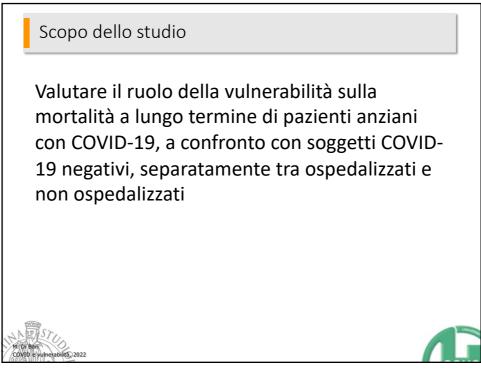


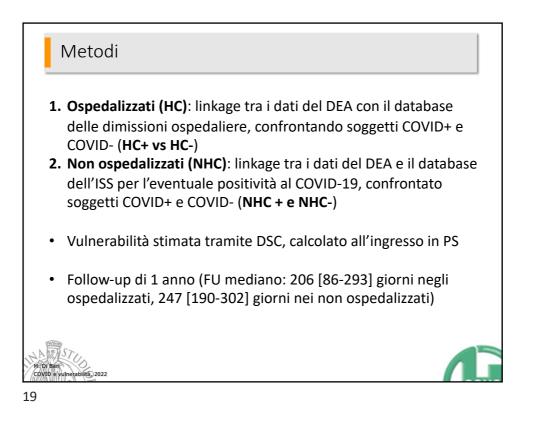


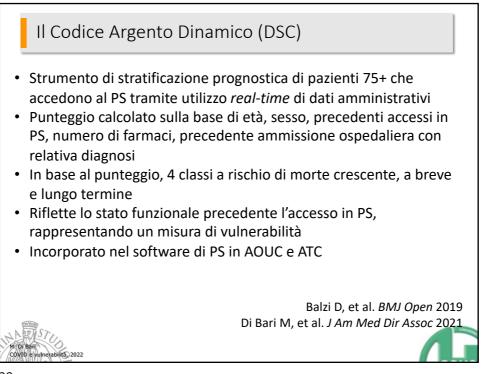


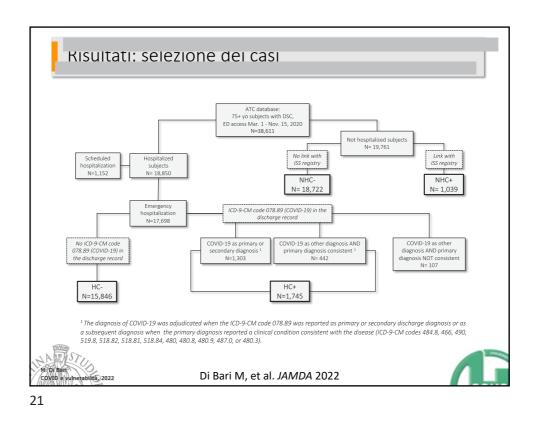




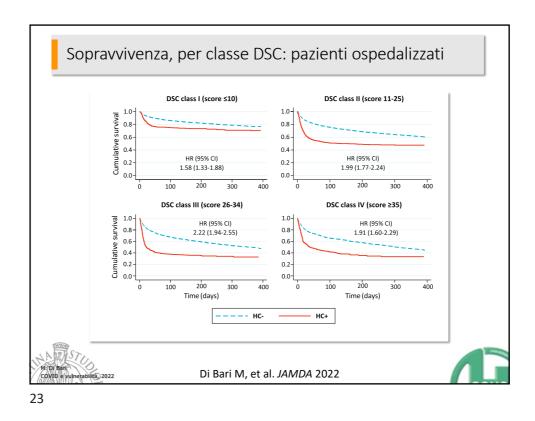


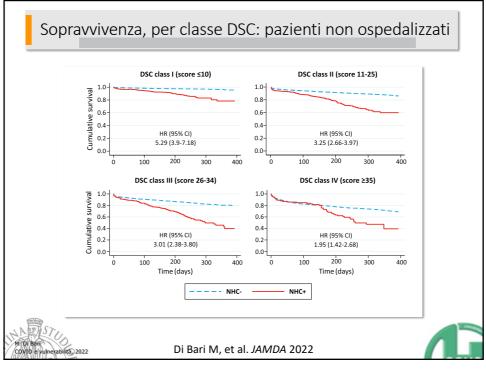






	Ospedalizzati		Non Ospedalizzati			
	N	Decessi (%)	HR (95% CI)	Ν	Decessi (%)	HR (95% CI)
COVID-positivi	1,745	845 (48.4)	/	1,039	291 (28.0)	/
DSC classe I	541	149 (27.5)	1	352	50 (14.2)	1
DSC classe II	616	315 (51.1)	2.24 (1.84- 2.72)	396	114 (28.8)	2.25 (1.62-3.14)
DSC classe III	360	235 (65.3)	3.37 (2.75- 4.14)	199	84 (42.2)	3.50 (2.46-4.96)
DSC classe IV	228	146 (64.0)	3.08 (2.45- 3.87)	92	43 (46.7)	3.72 (2.47-5.59)
COVID-negativi	15,846	5,372 (33.9)	/	18,722	1,629 (8.7)	/
DSC classe I	4,599	913 (19.9)	1	8,233	235 (2.9)	1
DSC classe II	6,270	2,131 (34.0)	1.88 (1.74- 2.03)	6,468	634 (9.8)	3.55 (3.05-4.12)
DSC classe III	3,525	1,587 (45.0)	2.65 (2.45- 2.88)	2,834	448 (15.8)	5.86 (5.00-6.86)
DSC classe IV	1,452	741 (51.0)	2.85 (2.59- 3.15)	1,187	309 (26.0)	9.70 (8.18-11.49)





Vulnerabilità e COVID-19 Conclusioni

- La vulnerabilità (classe DSC avanzata) aumenta la mortalità a lungo termine di pazienti anziani <u>ospedalizzati</u> con COVID-19, in misura simile rispetto a pazienti con altre diagnosi
- Nei <u>non ospedalizzati</u>, l'impatto di COVID-19 sulla sopravvivenza è relativamente maggiore nei pazienti meno vulnerabili
- La separazione progressiva delle curve di sopravvivenza tra NCH+ e NCH- indica un outcome negativo a lungo termine di COVID-19 forse indipendente da problemi respiratori
- (È improbabile che nei non ospedalizzati deceduti COVID-19 sia stata identificato come causa di morte: la mortalità da COVID-19 è stata sottostimata?)





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