

Supplementary Appendix

Respiratory Syncytial Virus (RSV) as a secondary diagnosis among hospitalized patients in

Germany – Outcomes and Economic burden

Authors:

Markus Weinert¹, Jana Diekmannshemke¹, Kylie Braegelmann¹, Manuel Batram¹, Julian Witte¹,
Stefan Scholz², Darshan Mehta³, Bernhard Ultsch², Kristina Dobrindt², Jens Gottlieb⁴

¹ Vandage GmbH, Detmolder Straße 30, 33604 Bielefeld, Germany

² Moderna Germany GmbH, Munich, Germany

³ Moderna, Inc., Cambridge, Massachusetts, USA

⁴ Medizinische Hochschule Hannover (MHH), Hannover, Germany

Corresponding author: Dr Markus Weinert, Vandage GmbH

Email: markus.weinert@vandage.de

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Table S1 Detailed Regression results

	Length of stay*		Mortality rate*		Costs ⁺	
	RSV	RSV-possible	RSV	RSV-possible	RSV	RSV-possible
RSV	1.781	1.770	15.518	19.826	8,379.987	5,619.976
	(0.098)	(0.007)	(1.031)	(0.070)	(2,313.542)	(132.809)
AGE	1.012	1.005	1.066	1.031	49.252	-29.978
	(0.003)	(0.000)	(0.019)	(0.001)	(75.467)	(4.852)
FEMALE	0.926	0.968	0.935	0.910	-5,463.509	-1,216.993
	(0.098)	(0.007)	(0.414)	(0.028)	(2,337.206)	(136.582)
CCI_SCORE	0.988	1.004	1.080	1.071	-509.319	-99.515
	(0.018)	(0.001)	(0.059)	(0.004)	(433.749)	(22.846)
BACTERIAL_CO	2.147	1.808	2.532	1.242	15,443.388	9,545.538
	(0.115)	(0.001)	(0.433)	(0.030)	(2,822.799)	(178.037)
(Intercept)	3.287	5.871	0.000	0.001	2,832.417	6,229.661
	(0.115)	(0.018)	(1.763)	(0.109)	(2,822.799)	(331.846)

Note: Standard errors in parenthesis. *refers to negative binomial and Poisson models where exp(estimate) reported. ⁺ refers to OLS models where OLS coefficient reported.

Table S2 Subgroup 60+ characteristics

	Narrow RSV cohort	Control Group	Broad RSV cohort	Control Group
n	105	105	18,849	18,849
Age – median	76	76	77	73
Age – 25% Quantile	71	71	69	61
Age – 75% Quantile	82	82	83	81
Number (%) of females	45 (43%)	45 (43%)	7,163 (38%)	7,163 (38%)
CCI – mean	3.98 (2.98)	3.98 (2.98)	4.01 (3.05)	4.01 (3.05)
Number (%) of bacterial coinfections	33 (31%)	19 (18%)	4,505 (24%)	2,371 (13%)
CCI: Charlson Comorbidity Index; standard deviation in parentheses				

Figure S1. Study Design (Schneeweiss diagram)

