

Additional file 1: Clinical and demographic characteristics of the parent cohort (n=22,694)

	no.(%) without NRBC	no.(%) with NRBC	Total	P-value
<i>N</i>	19,816	2,878	22,694	
<i>Male Gender-no.(%)</i>	11,475 (58)	1,568 (55)	13,043 (57)	0.001
<i>Non-White Race-no.(%)</i>	4,056 (20)	601 (21)	4,657 (21)	0.60
<i>Age years-mean±SD</i>	62.0 ± 18.9	61.4±18.0	62.0±18.8	0.093
<i>Surgical Patient Type-no.(%)</i>	8,155 (41)	1,239 (43)	9,394 (41)	0.051
<i>Deyo-Charlson Index-no.(%)</i>				<0.001
0	3305 (17)	562 (20)	3,867 (17)	
1-2	5258 (27)	682 (24)	5,940 (26)	
3-6	5181 (26)	635 (22)	5,816 (26)	
≥ 7	6073 (31)	999 (35)	7,071 (31)	
<i>Sepsis-no.(%)</i>	3,339 (17)	354 (12)	3,693 (16)	<0.001
<i>Pneumonia-no.(%)</i>	5,605 (28)	593 (21)	6,198 (27)	<0.001
<i>Acute organ failure-no.(%)</i>				<0.001
0	4,077 (21)	848 (29)	4,925 (22)	
1	5,654 (29)	960 (33)	6,613 (29)	
2	4,561 (23)	581 (20)	5,142 (23)	
≥ 3	5,525 (28)	489 (17)	6,014 (27)	
<i>Mortality Rates %</i>				
In-hospital	2,599 (13)	309 (11)	2,908 (13)	<0.001
30-day	2,846 (14)	392 (14)	3,238 (14)	0.29
90-day	3,617 (18)	509 (18)	4,126 (18)	0.47

Data presented as n (%) unless otherwise indicated. P values determined by chi-square unless designated by (*) then P value determined by ANOVA.