

**Supplementary Table 2.** Adverse events after 1st and 2nd dose of BNT162b2 and CoronaVac

	BNT162b2			CoronaVac		
	Moderate/severe HS (n=60)	Control (n=168)	P-value	Moderate/severe HS (n=14)	Control (n=53)	P-value
<b>After 1st injection</b>						
Total events within 7 days						
Any	50 (83.3)	140 (83.3)	1	4 (28.6)	32 (60.4)	0.034
Grade 3 or above*	0 (0.0)	0 (0.0)	–	0 (0.0)	0 (0.0)	–
Injection site adverse events						
Any	47 (78.3)	133 (79.2)	0.892	2 (14.3)	24 (45.3)	0.034
Pain	47 (78.3)	131 (78.0)	0.954	2 (14.3)	22 (41.5)	0.059
Redness	4 (6.7)	11 (6.5)	0.975	0 (0.0)	1 (1.9)	1
Swelling	10 (16.7)	24 (14.3)	0.657	0 (0.0)	2 (3.8)	1
Itch	2 (3.3)	3 (1.8)	0.482	0 (0.0)	0 (0.0)	–
Systemic adverse events						
Any	35 (58.3)	65 (38.7)	0.008	3 (21.4)	22 (41.5)	0.167
Fever	1 (1.7)	1 (0.6)	0.445	0 (0.0)	0 (0.0)	–
Chills and rigors	2 (3.3)	3 (1.8)	0.482	0 (0.0)	2 (3.8)	1
Muscle pain	17 (28.3)	34 (20.2)	0.196	0 (0.0)	7 (13.2)	0.330
Joint pain	4 (6.7)	5 (3.0)	0.208	0 (0.0)	1 (1.9)	1
Headache	10 (16.7)	18 (10.7)	0.228	1 (7.1)	8 (15.1)	0.438
Fatigue	24 (40)	46 (27.4)	0.069	3 (21.4)	16 (30.2)	0.518
Nausea	5 (8.3)	6 (3.6)	0.140	0 (0.0)	2 (3.8)	1
Vomiting	0 (0.0)	2 (1.2)	1	0 (0.0)	0 (0.0)	–
Diarrhea	2 (3.3)	6 (3.6)	0.931	0 (0.0)	4 (7.5)	0.572
Skin rash	0 (0.0)	1 (0.6)	1	1 (7.1)	1 (1.9)	0.377
<b>After 2nd injection</b>						
Total events within 7 days						
Any	51 (85)	143 (85.1)	0.982	3 (21.4)	27 (50.9)	0.048
Grade 3 or above*	0 (0.0)	0 (0.0)	--	0 (0.0)	0 (0.0)	–
Injection site adverse events						
Any	44 (73.3)	135 (80.4)	0.256	0 (0.0)	21 (39.6)	0.003
Pain	44 (73.3)	131 (78.0)	0.465	0 (0.0)	20 (37.7)	0.007
Redness	9 (15)	17 (10.1)	0.307	0 (0.0)	4 (7.5)	0.572
Swelling	13 (21.7)	37 (22.0)	0.954	0 (0.0)	3 (5.7)	1
Itch	5 (8.3)	16 (9.5)	0.784	0 (0.0)	1 (1.9)	1
Systemic adverse events						
Any	36 (60.0)	92 (54.8)	0.483	3 (21.4)	16 (30.2)	0.518
Fever	12 (20.0)	27 (16.1)	0.488	0 (0.0)	0 (0.0)	–
Chills and rigors	10 (16.7)	15 (8.9)	0.100	0 (0.0)	1 (1.9)	1
Muscle pain	21 (35.0)	50 (29.8)	0.452	0 (0.0)	5 (9.4)	0.576
Joint pain	8 (13.3)	2 (1.2)	<0.001	0 (0.0)	2 (3.8)	1
Headache	18 (30.0)	38 (22.6)	0.254	0 (0.0)	6 (11.3)	0.330
Fatigue	28 (46.7)	68 (40.5)	0.404	3 (21.4)	7 (13.2)	0.443
Nausea	1 (1.7)	8 (4.8)	0.291	0 (0.0)	0 (0.0)	–
Vomiting	0 (0.0)	0 (0.0)	–	0 (0.0)	0 (0.0)	–
Diarrhea	3 (5.0)	12 (7.1)	0.565	0 (0.0)	2 (3.8)	1
Skin rash	0 (0.0)	4 (2.4)	0.575	0 (0.0)	0 (0.0)	–

Values are presented as median (interquartile range) and number (%).

HS, hepatic steatosis.

\*Grade 3 or above: severe or life threatening events.