

**Supplementary Table 1. Risk ratio (RR) for PJI**

Variable	Crude RR (95 % CI)	P-value	Adjusted RR (95 % CI)	P-value
<b>SSSI - no PJI</b>	1167 (98%)			
<b>SSSI - PJI</b>	24 (2%)			
<b>Joint</b>				
Hip	ref		ref	
Knee	2.1 (0.9 – 4.7)	0.073	2.0 (0.8 – 4.8)	0.112
<b>Age</b>				
<65	ref		ref	
≥65	1.3 (0.6 – 2.9)	0.517	1.1 (0.5 – 2.7)	0.781
<b>ASA-class<sup>a</sup></b>				
≤2	ref		ref	
≥3	4.8 (2.1 – 10.9)	<b>0.000</b>	3.8 (1.6 – 9.1)	<b>0.003</b>
<b>BMI</b>				
BMI<25	ref		ref	
25≤BMI<30	2.0 (0.8 – 5.1)	0.142	1.9 (0.6 – 5.9)	0.271
BMI≥30	1.9 (0.9 – 4.4)	0.110	1.2 (0.4 – 3.3)	0.772
<b>Sex</b>				
Woman	ref		ref	
Men	2.1 (0.9 – 4.9)	0.075	2.8 (1.2 – 6.9)	<b>0.022</b>
<b>Smoking<sup>b</sup></b>				
No	ref		ref	
Yes	2.7 (0.4 – 20.0)	0.338	2.5 (0.3 – 19.0)	0.379
<b>Diabetes</b>				
No	ref		ref	
Yes	2.3 (0.9 – 6.3)	0.101	1.4 (0.5 – 4.1)	0.543
<b>Rheumatological disease</b>				
No	ref		ref	
Yes	2.0 (0.8 -5.5)	0.166	1.8 (0.6 – 5.2)	0.294

ASA (American Society of Anaesthesiologists), BMI (Body mass index).

<sup>a</sup> missing data in 17 cases<sup>b</sup> missing data in 5 cases