Supplementary Table S1. Summary of Questions Based on all Respondents (Q1-Q25, Except Q8-Q12)

Characteristic	n = 921[1]
Geographic region	
Aegean Region	105 (12%)
Black Sea Region	57 (6.3%)
Central Anatolia Region	213 (24%)
Eastern Anatolia Region	116 (13%)
Marmara Region	308 (34%)
Mediterranean Region	74 (8.2%)
Southeastern Anatolia Region	28 (3.1%)
Unknown	20
Age (year)	33 (29, 43)
Unknown	45
Gender	
Female	489 (53%)
Male	427 (47%)
Unknown	5
Marital status	
Single	256 (28%)
Married	620 (68%)
Divorced	33 (3.6%)
Widowed	1 (0.1%)
Unknown	11
Number of children	
0	478 (53%)
1	209 (23%)
2	156 (17%)
>3	66 (7.3%)
Unknown	12
Seniority status	
Resident	486 (53%)
Attending full time	415 (45%)
Attending part time	6 (0.7%)
Attending retired	6 (0.7%)
Unknown	8
Type of hospital	
State training hospital	326 (36%)
State university hospital	396 (43%)
State province/district hospital	106 (12%)
Private university hospital	32 (3.5%)
Private other	53 (5.8%)
Unknown	8
Years working as a physician	
0-5 years	306 (33%)
6-10 years	256 (28%)
11-20 years	158 (17%)
21-30 years	136 (15%)
31-40 years	51 (5.6%)
40+ years	10 (1.1%)
Unknown	4
Years working in the same hospital	
0-2 years	392 (43%)
3-5 years	317 (35%)
6-8 years	56 (6.1%)
9-11 years	49 (5.3%)
12-14 years	36 (3.9%)
15-20 years	27 (2.9%)
21-29 years	23 (2.7%)
30+ years	15 (1.6%)
Unknown	4
Work hours per week	
0-9 hours	11 (1.2%)
10-19 hours	10 (1.1%)
20-29 hours	5 (0.5%)
30-39 hours	45 (4.9%)
40-49 hours	264 (29%)
50-59 hours	227 (25%)
60-69 hours	173 (19%)
70-79 hours	105 (11%)
80-89 hours	42 (4.6%)
90-99 hours	11 (1.2%)
>100 hours	25 (2.7%)
Unknown	3
Are you satisfied with working at your current hospital?	
Not satisfied at all	141 (15%)
Somewhat satisfied	395 (43%)
Satisfied	318 (35%)
Very satisfied	62 (6.8%)
Unknown	5
How much supported do you feel at work?	
Don't feel supported at all	211 (23%)
Feel a little supported	402 (44%)
Feel supported	264 (29%)
Feel very supported	42 (4.6%)
Unknown	2
How much supported do you feel in your personal life outside hospital?	
Don't feel supported at all	135 (15%)
Feel a little supported	319 (35%)
Feel supported	330 (36%)
Feel very supported	130 (14%)
Unknown	7
Do you think the number of anaesthesiology attendings is sufficient to perform your duties at work?	
Not sufficient	141 (15%)
There are shortcomings, but I can manage	300 (33%)
Sufficient	349 (38%)
More than sufficient	126 (14%)
Unknown	5
Is the physical condition of your hospital adequate?	
Not sufficient	218 (24%)
There are shortcomings, but I can manage	418 (46%)
Sufficient	219 (24%)
More than sufficient	63 (6.9%)
Unknown	3
Consider changing hospital	481 (53%)
Unknown	5
Probability of resigning from your current job within the next 2 years	
Very unlikely	231 (25%)
Unlikely	233 (25%)
Neutral	242 (26%)
Likely	156 (17%)
Very likely	56 (6.1%)
Unknown	3
To what extent do your time and financial situation allow for social activities?	
Not sufficient	124 (14%)
Slightly sufficient	383 (42%)
Moderately Sufficient	369 (40%)
More than sufficient	41 (4.5%)
Unknown	4

[1] n (%); Median (Q1, Q3)

Supplementary Table S2. Summary of Questions Based on all Attendings (Q8-Q12), by Burnout Syndrome Groups

	Burnout syndrome			High-risk for burnout		
Characteristic	**Yes** n = 109[1]	**No** n = 318[1]	***P* value**[2]	**Yes** n = 255[1]	**No** n = 172[1]	***P* value**[2]
Having mandatory service	16 (15%)	36 (11%)	0.3	34 (13%)	18 (11%)	0.4
Mandatory service affects work-life	11 (65%)	14 (38%)	0.066	21 (60%)	4 (21%)	0.006
Mandatory service affects personal-life	9 (53%)	14 (38%)	0.3	18 (51%)	5 (26%)	0.075
Taking call shifts	46 (43%)	142 (47%)	0.5	121 (48%)	72 (42%)	0.2
How many shifts do you take per month			0.3			0.030
≤5	67 (63%)	192 (69%)		155 (64%)	109 (74%)	
>5	39 (37%)	88 (31%)		89 (36%)	38 (26%)	

[1] n (%); [2] Pearson's chi-squared test

Supplementary Table S3. Summary of Questions Q14, Q15 for Resident Respondents, by Burnout Syndrome Groups

	Burnout syndrome			High-risk for burnout		
Characteristic	**Yes** n = 227[1]	**No** n = 259[1]	***P* value**[2]	**Yes** n = 399[1]	**No** n = 87[1]	***P* value**[2]
Years working as a physician			0.059			0.005
0-5 years	150 (66%)	149 (58%)		249 (63%)	50 (58%)	
6-10 years	69 (31%)	90 (35%)		134 (34%)	25 (29%)	
10+ years	7 (3.1%)	18 (7.0%)		14 (3.5%)	11 (13%)	
Years working in the same hospital			0.2			0.6
0-2 years	116 (51%)	135 (53%)		204 (51%)	47 (55%)	
3-5 years	106 (47%)	121 (47%)		189 (47%)	38 (45%)	
6+ years	5 (2.2%)	1 (0.4%)		6 (1.5%)	0 (0%)	

[1] n (%); [2] Pearson's chi-squared test; Fisher's exact test, [3] Fisher's exact test

Supplementary Table S4. Summary of Questions Q14, Q15 for Attendings Respondents, by Burnout Syndrome Groups

	Burnout syndrome			High-risk for burnout		
Characteristic	**Yes** n = 109[1]	**No** n = 318[1]	***P* value**[2]	**Yes** n = 255[1]	**No** n = 172[1]	***P* value**[2]
Years working as a physician			0.005			0.019
0-5 years	3 (2.8%)	3 (0.9%)		6 (2.4%)	0 (0%)	
6-10 years	35 (32%)	60 (19%)		64 (25%)	31 (18%)	
10+ years	71 (65%)	255 (80%)		185 (73%)	141 (82%)	
Years working in the same hospital			0.009			0.016
0-2 years	36 (33%)	101 (32%)		87 (34%)	50 (29%)	
3-5 years	33 (30%)	56 (18%)		62 (24%)	27 (16%)	
6+ years	40 (37%)	160 (50%)		106 (42%)	94 (55%)	

[1] n (%), [2] Pearson's chi-squared test; Fisher's exact test

Supplementary Table S5. Summary of Q7 Subspecialty by Burnout Syndrome Groups

	Burnout syndrome			High-risk for burnout		
Characteristic	**Yes** n = 338[1]	**No** n = 383[1]	***P* value**[2]	**Yes** n = 619[1]	**No** n = 262[1]	***P* value**[2]
General anaesthesiology	89 (28%)	232 (72%)	<0.001	203 (63%)	118 (37%)	<0.001
Cardiac anaesthesiology	17 (23%)	57 (77%)	0.011	47 (64%)	27 (36%)	0.11
Thoracic anaesthesiology	11 (21%)	41 (79%)	0.017	31 (60%)	21 (40%)	0.050
Chronic pain	2 (13%)	13 (87%)	0.058	8 (53%)	7 (47%)	0.15
Critical care	39 (28%)	100 (72%)	0.022	92 (66%)	47 (34%)	0.13
Neuro anaesthesiology	6 (13%)	42 (88%)	<0.001	23 (48%)	25 (52%)	<0.001
Obstetric anaesthesiology	14 (18%)	64 (82%)	<0.001	47 (60%)	31 (40%)	0.021
Pediatric anaesthesiology	13 (17%)	63 (83%)	<0.001	40 (53%)	36 (47%)	<0.001
Regional anaesthesiology	35 (26%)	102 (74%)	0.003	85 (62%)	52 (38%)	0.007
Research	4 (24%)	13 (76%)	0.3	11 (65%)	6 (35%)	0.6
Other	2 (13%)	13 (87%)	0.058	6 (40%)	9 (60%)	0.016

[1] n (%) based on the number of total respondents within burnout syndrome or total respondents within high-risk for burnout for each individual subspecialty; [2] Pearson's chi-squared test; [3] Pearson's chi-squared test; Fisher's exact test

Supplementary Table S6. Summary of Subgroup Analysis of Burnout Syndrome

	Burnout syndrome			
Characteristic	**OR**	**95% CI**	***P* value**	**Type 3 *P* value interaction**
Gender seniority status interaction				0.034
Male				
Attendings vs. resident	0.63	0.41, 0.97	0.038	
Female				
Attendings vs. resident	0.33	0.22, 0.50	<0.001	
Resident				
Male vs. female	0.54	0.37, 0.78	0.001	
Attendings				
Male vs. female	1.03	0.64, 1.64	>0.9	

OR, odds ratio; CI, confidence interval