

Table 1. Effect of Bureaucracy % during everyday practice at Urology Residency in Greece

Variable	Median Overall	10%	20%	30%	40%	50%	60%	70%	80%	90%	p-value
Number of responders	91	1	4	8	14	17	14	18	11	4	
What is your confidence level for leading a research project	Very low	Moderate	Low	Very Low	Very Low	Very Low	Very Low	Very Low	Very Low	Very Low	0.237
What is your confidence level for writing a scientific paper	Very low	Moderate	Low	Low	Very low	Very low	Very low	Very low	Very low	Very low	0.113
How often do you feel satisfied from your work	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Rarely	Sometimes	Rarely	Rarely	Rarely	0.064
How often do you feel you suffer from burnout	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	Often	0.389
Working hours per day	8-10	8-10	8-10	8-10	8-10	8-10	10-12	8-10	10-12	8-10	0.542

Table 2. Effect of Post-graduate year (PGY) at Urology Residence in Greece

Variable	Median Overall	Fellow	PGY1	PGY2	PGY3	PGY4	p-value
Number of responders	91	15	21	19	18	18	
What is your confidence level for leading a research project	Very low	Very low	Very low	Very low	Very low	Very low	0.164
What is your confidence level for writing a scientific paper	Very low	Very low	Very low	Very low	Very low	Very low	0.127
Number of international publications	None	None	None	None	None	1-2	0.128
How often do you feel satisfied from your work	Sometimes	Sometimes	Rarely	Rarely	Sometimes	Sometimes	0.560
How satisfied are you from your training in surgery	6/10	7/10	7/10	6/10	6/10	5/10	0.573
Number of International Urologic Congresses attended last year	None	None	None	None	None	1-2	0.196
How often do you feel you suffer from burnout	Sometimes	Rarely	Sometimes	Sometimes	Sometimes	Rarely	0.275
Weekly hours devoted to urologic literature search/ studying	1-5	1-5	1-5	1-5	1-5	1-5	0.450

Table 3. Effect of Working hours per day at Urology Residency in Greece

Variable	Median Overall	6-8 hours	8-10 hours	10-12 hours	>12 hours	p- value
Number of responders	91	22	31	26	12	
How often do you feel you suffer from burnout	Sometimes	Sometimes	Sometimes	Sometimes	Often	0.028*
What is your confidence level for leading a research project	Very low	Very low	Very low	Very low	Very low	0.848
What is your confidence level for writing a scientific paper	Very low	Very low	Very low	Very low	Very low	0.760
Number of international publications	None	None	None	1-2	None	0.153
How often do you feel satisfied from your work	Sometimes	Sometimes	Rarely	Sometimes	Rarely	0.266
How satisfied are you from your training in surgery	6/10	7/10	6/10	6/10	5/10	0.168

* Groups 6-8 vs >12 hours differed significantly (p= 0.016)

Table 4. Effect of being Urology Resident at a University clinic in Greece

Variable	Median overall	No University clinic	University clinic	p- value
Number of responders	91	49	42	
Number of residents	4-6	4-6	7-9	<0.001
Number of weekly educational courses in clinic	1-2 monthly	1-2 monthly	1-2 monthly	0.342
What is your confidence level for leading a research project	Very low	Very low	Very low	0.815
What is your confidence level for writing a scientific paper	Very low	Very low	Very low	0.612
Number of international publications	None	None	1-2	0.163
Number of International Urologic Congresses attended last year	None	None	1-2	0.491
Do you use urology apps with your smartphone (nomograms, scores etc.)	-	52.3%	47.7%	0.642
How often do you feel satisfied from your work	Sometimes	Sometimes	Rarely	0.542
Hos satisfied are you from your training in surgery	6/10	7/10	6/10	0.029
Monthly days off clinic	None	None	None	0.227
How often do you feel you suffer from burnout	Sometimes	Sometimes	Often	0.120
Weekly hours devoted to urologic literature search/ studying	1-5	1-5	1-5	0.208
Working hours per day	8-10	8-10	10-12	<0.001

Table 5. Effect of being a PhD or MSc candidate at Urology Residency in Greece

Variable	Median overall	No PhD or MSc	PhD or MSc	p- value
Number of responders	91	42	49	
What is your confidence level for leading a research project	Very low	Very low	Very low	0.591
What is your confidence level for writing a scientific paper	Very low	Very low	Very low	0.524
Number of international publications	None	None	None	0.143
Number of International Urologic Congresses attended last year	None	None	None	0.243
Do you use urology apps with your smartphone (nomograms, scores etc.)	-	41.5%	58.5%	0.163
Weekly hours devoted to urologic literature search/ studying	1-5	1-5	1-5	0.080

Table 6. Effect of age group at Urology Residency in Greece

Variable	Median overall	25-30 y/o	30-35 y/o	35-40 y/o	≥ 40 y/o	p- value
Number of responders	91	28	43	14	6	
Number of International Urologic Congresses attended last year	None	None	None	None	None	0.348
Number of international publications	None	None	None	None	None	0.482
How often do you feel you suffer from burnout	Sometimes	Rarely	Sometimes	Sometimes	Often	0.198

Table 7. Effect of number of residents in clinic at Urology Residency in Greece

Variable	Median overall	1-3	4-6	7-9	≥ 10	p- value
Number of responders	91	21	28	28	14	
Working hours per day	8-10	8-10	8-10	10-12	10-12	<0.001*
Hos satisfied are you from your training in surgery	6/10	6/10	6/10	6/10	5/10	0.668
Monthly days off clinic	None	None	None	None	None	0.469
How often do you feel you suffer from burnout	Sometimes	Sometimes	Sometimes	Sometimes	Sometimes	0.368

* All groups differed significantly between them except groups 1-3 vs 4-6, 7-9 vs ≥ 10