

Tab. 1 Internal and external factors that positively influence the choice of a specialty.

	Female students		Male students		<i>p</i> -value
	n =	%	n =	%	
Working hours, working atmosphere, colleagues	130	74	80	72	0.741
Interest in the subject matter and procedures	127	72	79	71	0.857
Compatibility of family and career	134	76	73	66	0.063
Interest in subject-specific organs and pathologies	117	66	61	64	0.665
Opportunity to establish oneself in practice	113	64	58	52	0.047
Career opportunities	42	24	32	29	0.358
Potential earnings	26	15	22	20	0.279

Tab. 2: Factors that positively influence the choice of a specialty (Likert scale).

	Likert scale (mean)		<i>p</i> -value
	Female	Male	
Collegiality and a good working atmosphere	4.6	4.4	0.089
Wide range of subject matter	4.0	3.9	0.283
Even gender distribution among colleagues	3.8	3.6	0.099
Manual work and surgery	3.6	3.4	0.211
Emergency situations	3.4	3.6	0.266
Night- and shift work	3.2	2.9	0.088
Scientific work	2.6	2.9	0.045
Accepting greater workloads and career competition	2.4	2.7	0.022
Status and prestige of the specialty	1.9	2.3	0.0016

Tab. 3 Experiences that positively influence the choice of specialty training.

	Female students		Male students		<i>p</i> -value
	n =	%	n =	%	
Practical year (PJ) / internship (Famulatur)	140	80	81	73	0.209
Physicians as role models / mentors in the clinic	130	74	82	74	0.998
Quality of medical teaching	106	60	56	50	0.107
Science / doctoral thesis	34	19	33	30	0.050
Part-time employment / vocational training	40	23	22	20	0.557
Friends, relatives, etc.	43	24	24	20	0.582
Nursing placement	31	18	11	10	0.058
International studies (e.g., Erasmus)	22	12	11	11	0.663

Tab. 4 Students' preferences for specialty training.

	Female students		Male students		<i>p</i> -value
	n =	%	n =	%	
Obstetrics and gynecology	63	28	12	8	< 0.001
Internal medicine	33	15	32	21	0.055
Pediatrics	35	15	15	10	0.152
Surgery	19	8	14	9	0.645
General medicine	12	5	7	5	0.864
Orthopedics	11	5	4	3	0.300
Anesthesiology	7	3	12	8	0.040
Neurology	8	4	6	4	0.747
Radiology	2	1	4	3	0.207
Radiation therapy	4	2	3	2	0.822
Psychiatry and psychotherapy	3	1	6	2	0.120
ENT (Ear, Nose, Throat)	3	1	6	4	0.120
Ophthalmology	4	2	1	1	0.342
Dermatology	2	1	7	5	0.037
Urology	4	2	5	3	0.328
Pathology	0	0	0	0	-
Other	17	7	16	11	0.239

Tab 5. Students' differential perceptions of gynecology, urology, and surgery (Likert scale).

	Likert scale (mean)		<i>p</i> -value
	Female	Male	
The share of the workload of operative medicine is high in ...			
... gynecology	3.5	3.4	0.195
... urology	3.5	3.5	0.829
... (general) surgery	4.5	4.5	0.516
The share of the workload of conservative oncology is high in ...			
... gynecology	3.8	3.6	0.059
... urology	3.3	3.3	0.634
... (general) surgery	2.6	2.9	0.080
The share of the workload of emergency medicine is high in ...			
... gynecology	3.8	3.5	0.036
... urology	3.0	3.0	0.778
...(general) surgery	4.3	4.10	0.266