

Family Medicine

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Appendix Table 1. Skill Percentage by Frequency

	Total sample (N=337)		Early career (n=120)		Midcareer (n=106)		Late career (n=111)	
	Count (n)	Percentage	Count (n)	Percentage	Count (n)	Percentage	Count (n)	Percentage
Office-based skills and procedures								
Skin biopsy	316	93.8	113	94.2	96	90.6	107	96.4
Sebaceous cyst excision	284	84.3	95	79.2	86	81.1	103	92.8
Joint injections	279	82.8	101	84.2	81	76.4	97	87.4
Insertion/removal of IUD	262	77.7	105	87.5	85	80.2	72	64.9
Ingrown toenail removal	254	75.4	81	67.5	75	70.8	98	88.3

Insertion/removal of subcutaneous contraceptive (eg, Nexplanon)	250	74.2	108	90	75	70.8	67	60.4
Endometrial biopsy	223	66.2	82	68.3	64	60.4	77	69.4
Anoscopy	189	56.1	51	42.5	53	50	85	76.6
Medication-assisted therapy for opioid use disorder	181	53.7	73	60.8	54	50.9	54	48.6
Gender-affirming hormone therapy	126	37.4	57	47.5	44	41.5	25	22.5
Casting/fracture management	125	37.1	29	24.2	36	34	60	54.1
Medication abortion/miscarriage management	112	33.2	53	44.2	37	34.9	22	19.8
Colposcopy	106	31.5	33	27.5	40	37.7	33	29.7
Point of care ultrasound	98	29.1	46	38.3	31	29.2	21	18.9
Dermoscopy	84	24.9	29	24.2	20	18.9	35	31.5

OB ultrasound (beyond confirmation of cephalic presentation)	84	24.9	39	32.5	27	25.5	18	16.2
Bartholin cyst management/Word catheter placement	83	24.6	19	15.8	26	24.5	38	34.2
Spirometry	78	23.1	22	18.3	23	21.7	33	29.7
Hepatitis C treatment	66	19.6	29	24.2	21	19.8	16	14.4
Medical cannabis certification	57	16.9	13	10.8	22	20.8	22	19.8
Vasectomy	54	16	21	17.5	9	8.5	24	21.6
Manual and/or electric uterine aspiration	45	13.4	20	16.7	13	12.3	12	10.8
Osteopathic manipulative therapy/medicine	37	11	18	15	10	9.4	9	8.1
Highly active antiretroviral therapy	35	10.4	13	10.8	13	12.3	9	8.1

Pessary insertion and management	32	9.5	5	4.2	6	5.7	21	18.9
Cardiac stress test	31	9.2	7	5.8	7	6.6	17	15.3
Hemorrhoid banding	20	5.9	4	3.3	2	1.9	14	12.6
Acupuncture	17	5	9	7.5	3	2.8	5	4.5
Anal dysplasia management	10	3	1	0.8	3	2.8	6	5.4
Allergy testing	7	2.1	4	3.3	0	0	3	2.7
Hospital-based maternity care								
Vaginal delivery	145	43	57	47.5	46	43.4	42	37.8
Vacuum-assisted vaginal delivery	98	29.1	31	25.8	32	30.2	35	31.5
Third-degree perineal laceration repair	75	22.3	18	15	22	20.8	35	31.5
Fourth-degree perineal laceration repair	26	7.7	4	3.3	5	4.7	17	15.3

Cesarean section delivery	23	6.8	8	6.7	9	8.5	6	5.4
External cephalic version	18	5.3	7	5.8	6	5.7	5	4.5
Tubal ligation	17	5	5	4.2	6	5.7	6	5.4
Hospital-based skills								
Circumcision	172	51	61	50.8	52	49.1	59	53.2
Neonatal resuscitation	103	30.6	35	29.2	31	29.2	37	33.3
Paracentesis	86	25.5	30	25	24	22.6	32	28.8
Thoracentesis	55	16.3	15	12.5	15	14.2	25	22.5
Endotracheal Intubation	53	15.7	17	14.2	18	17	18	16.2
Central line placement	44	13.1	16	13.3	13	12.3	15	13.5
Chest tube	30	8.9	8	6.7	9	8.5	13	11.7
Ventilator management	29	8.6	11	9.2	7	6.6	11	9.9

Colonoscopy	21	6.2	6	5	5	4.7	10	9
EGD	13	3.9	3	2.5	5	4.7	5	4.5
	Median	IQR	Median	IQR	Median	IQR	Median	IQR
Median total procedures/skills per respondent	12	8-18	12.5	8-17	12.5	8-17	12	8-19