

Appendix 1. Questionnaire Survey Results

1) In what department were you exposed to the most diverse set of medical and surgical diseases?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	9 (12.2)	9 (5.5)
Gastroenterology	0	4 (5.4)	4 (2.4)
Cardiology	0	1 (1.4)	1 (0.6)
Pulmonology	0	3 (4.1)	3 (1.8)
General Surgery	6 (6.6)	7 (9.5)	13 (7.9)
Obstetrics and Gynecology	0	6 (8.1)	6 (3.6)
Pediatrics	1 (1.1)	6 (8.1)	7 (4.2)
Psychiatry	1 (1.1)	2 (2.7)	3 (1.8)
Neurology	1 (1.1)	0	1 (0.6)
Emergency Medicine	53 (58.2)	26 (35.1)	79 (47.9)
Otorhinolaryngology	0	2 (2.7)	2 (1.2)
Neurosurgery	1 (1.1)	0	1 (0.6)
Cardiothoracic Surgery	4 (4.4)	0	4 (2.4)
Plastic Surgery	0	1 (1.4)	1 (0.6)
Urology	2 (2.2)	0	2 (1.2)
Total	91 (100)	74 (100)	165 (100)

2) In what department were you able to utilize the "book knowledge" you acquired as student most effectively in the workplace as a doctor?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	5 (6.8)	5 (3.1)
Endocrinology	0	4 (5.4)	4 (2.5)
Gastroenterology	1 (1.1)	7 (9.5)	8 (4.9)
Cardiology	0	2 (2.7)	2 (1.2)
Nephrology	0	3 (4.1)	3 (1.9)
Hemato-oncology	0	1 (1.4)	1 (0.6)
Pulmonology	0	7 (9.5)	7 (4.3)
General Surgery	3 (3.4)	1 (1.4)	4 (2.5)
Obstetrics and Gynecology	1 (1.1)	7 (9.5)	8 (4.9)
Pediatrics	1 (1.1)	8 (10.8)	9 (5.6)
Psychiatry	0	4 (5.4)	4 (2.5)
Neurology	1 (1.1)	2 (2.7)	3 (1.9)
Radiology	0	1 (1.4)	1 (0.6)
Emergency Medicine	49 (55.7)	13 (17.6)	62 (38.3)
Otorhinolaryngology	1 (1.1)	2 (2.7)	3 (1.9)
Orthopedics	1 (1.1)	0	1 (0.6)
Cardiothoracic Surgery	7 (8.0)	0	7 (4.3)
Plastic Surgery	0	1 (1.4)	1 (0.6)
Urology	5 (5.7)	0	5 (3.1)
Anesthesiology	2 (2.3)	2 (2.7)	4 (2.5)
Dermatology	0	1 (1.4)	1 (0.6)
Total	88 (100)	74 (100)	162 (100)

3) Where do you feel you were able to most effectively practice patient evaluation?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	5 (6.8)	5 (3.1)
Endocrinology	0	5 (6.8)	5 (3.1)
Gastroenterology	0	8 (11.0)	8 (4.9)
Cardiology	0	3 (4.1)	3 (1.9)
Nephrology	0	9 (12.3)	9 (5.6)
Hemato-oncology	1 (1.1)	0	1 (0.6)
Pulmonology	0	9 (12.3)	9 (5.6)
General Surgery	6 (6.7)	2 (2.7)	8 (4.9)
Obstetrics and Gynecology	0	4 (5.5)	4 (2.5)
Pediatrics	2 (2.2)	6 (8.2)	8 (4.9)
Psychiatry	0	2 (2.7)	2 (1.2)
Neurology	3 (3.4)	0	3 (1.9)
Emergency Medicine	49 (55.1)	6 (8.2)	55 (34.0)
Otorhinolaryngology	1 (1.1)	3 (4.1)	4 (2.5)
Orthopedics	1 (1.1)	0	1 (0.6)
Cardiothoracic Surgery	8 (9.0)	0	8 (4.9)
Rehabilitative Medicine	0	2 (2.7)	2 (1.2)
Urology	3 (3.4)	0	3 (1.9)
Anesthesiology	1 (1.1)	0	1 (0.6)
Family Medicine	1 (1.1)	3 (4.1)	4 (2.5)
Total	89 (100)	73 (100)	162 (100)

4) Where were you able to perfect your physical examination skills?

	Interns (%)	Students (%)	Total (%)
Infectious Disease	0	1 (1.4)	1 (0.6)
Endocrinology	0	1 (1.4)	1 (0.6)
Gastroenterology	2 (2.2)	17 (23.0)	19 (11.6)
Cardiology	0	2 (2.7)	2 (1.2)
Nephrology	0	9 (12.2)	9 (5.5)
Hemato-oncology	0	1 (1.4)	1 (0.6)
Pulmonology	0	5 (6.8)	5 (3.0)
General Surgery	4 (4.4)	5 (6.8)	9 (5.5)
Obstetrics and Gynecology	0	1 (1.4)	1 (0.6)
Pediatrics	1 (1.1)	2 (2.7)	3 (1.8)
Neurology	3 (3.3)	6 (8.1)	9 (5.5)
Emergency Medicine	58 (64.4)	16 (21.6)	74 (45.1)
Otorhinolaryngology	0	2 (2.7)	2 (1.2)
Othopedics	1 (1.1)	0	1 (0.6)
Neurosurgery	2 (2.2)	0	2 (1.2)
Cardiothoracic Surgery	2 (2.2)	0	2 (1.2)
Rehabilitative Medicine	0	1 (1.4)	1 (0.6)
Urology	1 (1.1)	0	1 (0.6)
Anesthesiology	0	2 (2.7)	2 (1.2)
Ophthalmology	1 (1.1)	0	1 (0.6)
Family Medicine	0	1 (1.4)	1 (0.6)
Total	90 (100)	74 (100)	164 (100)

5) Where were you able to perfect your history-taking skills?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	8 (11.0)	8 (4.9)
Endocrinology	0	1 (1.4)	1 (0.6)
Gastroenterology	0	3 (4.1)	3 (1.9)
Cardiology	0	1 (1.4)	1 (0.6)
Nephrology	0	5 (6.8)	5 (3.1)
Hemato-oncology	0	2 (2.7)	2 (1.2)
Pulmonology	0	6 (8.2)	6 (3.7)
General Surgery	2 (2.2)	1 (1.4)	3 (1.9)
Obstetrics and Gynecology	0	10 (13.7)	10 (6.2)
Pediatrics	2 (2.2)	3 (4.1)	5 (3.1)
Psychiatry	0	11 (15.1)	11 (6.8)
Neurology	3 (3.4)	0	3 (1.9)
Emergency Medicine	69 (77.5)	8 (11.0)	77 (47.5)
Otorhinolaryngology	1 (1.1)	2 (2.7)	3 (1.9)
Orthopedics	1 (1.1)	0	1 (0.6)
Neurosurgery	0	1 (1.4)	1 (0.6)
Cardiothoracic Surgery	2 (2.2)	0	2 (1.2)
Plastic Surgery	1 (1.1)	0	1 (0.6)
Rehabilitative Medicine	0	2 (2.7)	2 (1.2)
Urology	1 (1.1)	2 (2.7)	3 (1.9)
Ophthalmology	1 (1.1)	0	1 (0.6)
Family Medicine	1 (1.1)	3 (4.1)	4 (2.5)
Total	89 (100)	73 (100)	162 (100)

6) In what department were you given opportunities to keep your own medical records?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	3 (4.9)	3 (2.1)
Endocrinology	0	3 (4.9)	3 (2.1)
Gastroenterology	0	3 (4.9)	3 (2.1)
Nephrology	0	2 (3.3)	2 (1.4)
Hemato-oncology	0	2 (3.3)	2 (1.4)
Pulmonology	0	2 (3.3)	2 (1.4)
General Surgery	16 (19.3)	8 (13.1)	24 (16.7)
Obstetrics and Gynecology	0	10 (16.4)	10 (6.9)
Pediatrics	5 (6.0)	15 (24.6)	20 (13.9)
Neurology	2 (2.4)	2 (3.3)	4 (2.8)
Emergency Medicine	25 (30.1)	5 (8.2)	30 (20.8)
Otorhinolaryngology	1 (1.2)	0	1 (0.7)
Orthopedics	5 (6.0)	0	5 (3.5)
Neurosurgery	1 (1.2)	0	1 (0.7)
Cardiothoracic Surgery	15 (18.1)	0	15 (10.4)
Urology	9 (10.8)	0	9 (6.3)
Anesthesiology	1 (1.2)	0	1 (0.7)
Family Medicine	0	1 (1.6)	1 (0.7)
Total	83 (100)	61 (100)	144 (100)

7) In what department were you expected to interpret laboratory and imaging findings?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	1 (1.4)	1 (0.7)
Gastroenterology	0	2 (2.7)	2 (1.3)
Cardiology	0	1 (1.4)	1 (0.7)
Nephrology	0	1 (1.4)	1 (0.7)
Pulmonology	1 (1.3)	6 (8.1)	7 (4.6)
General Surgery	9 (11.5)	4 (5.4)	13 (8.6)
Obstetrics and Gynecology	0	1 (1.4)	1 (0.7)
Pediatrics	2 (2.6)	0	2 (1.3)
Neurology	1 (1.3)	0	1 (0.7)
Radiology	0	48 (64.9)	48 (31.6)
Emergency Medicine	32 (41.0)	0	32 (21.1)
Orthopedics	1 (1.3)	2 (2.7)	3 (2.0)
Neurosurgery	2 (2.6)	0	2 (1.3)
Cardiothoracic Surgery	18 (23.1)	0	18 (11.8)
Urology	1 (1.3)	0	1 (0.7)
Anesthesiology	1 (1.3)	0	1 (0.7)
Clinical Pathology	0	4 (5.4)	4 (2.6)
Nuclear Medicine	1 (1.3)	1 (1.4)	2 (1.3)
Family Medicine	1 (1.3)	0	1 (0.7)
Total	78 (100)	74 (100)	152 (100)

8) In what department were you given the most opportunities to interact with patients and guardians?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	9 (12.9)	9 (5.7)
Endocrinology	0	1 (1.4)	1 (0.6)
Gastroenterology	1 (1.1)	6 (8.6)	7 (4.5)
Cardiology	0	1 (1.4)	1 (0.6)
Nephrology	0	2 (2.9)	2 (1.3)
Hemato-oncology	0	1 (1.4)	1 (0.6)
Pulmonology	0	3 (4.3)	3 (1.9)
General Surgery	10 (11.5)	6 (8.6)	16 (10.2)
Obstetrics and Gynecology	0	5 (7.1)	5 (3.2)
Pediatrics	5 (5.7)	14 (20.0)	19 (12.1)
Psychiatry	0	6 (8.6)	6 (3.8)
Neurology	3 (3.4)	3 (4.3)	6 (3.8)
Emergency Medicine	30 (34.5)	8 (11.4)	38 (24.2)
Otorhinolaryngology	1 (1.1)	0	1 (0.6)
Orthopedics	2 (2.3)	1 (1.4)	3 (1.9)
Neurosurgery	1 (1.1)	0	1 (0.6)
Cardiothoracic Surgery	13 (14.9)	0	13 (8.3)
Rehabilitative Medicine	2 (2.3)	0	2 (1.3)
Urology	9 (10.3)	0	9 (5.7)
Anesthesiology	2 (2.3)	0	2 (1.3)
Family Medicine	0	1 (1.4)	1 (0.6)
Total	87 (100)	70 (100)	157 (100)

9) Where did you learn to communicate with other physicians to effectively and efficiently deliver and receive information regarding their treatment course?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	12 (19.0)	12 (8.1)
Endocrinology	0	3 (4.8)	3 (2.0)
Gastroenterology	0	2 (3.2)	2 (1.3)
Cardiology	0	1 (1.6)	1 (0.7)
Pulmonology	0	3 (4.8)	3 (2.0)
General Surgery	8 (9.3)	2 (3.2)	10 (6.7)
Obstetrics and Gynecology	2 (2.3)	3 (4.8)	5 (3.4)
Pediatrics	4 (4.7)	2 (3.2)	6 (4.0)
Neurology	1 (1.2)	0	1 (0.7)
Emergency Medicine	38 (44.2)	30 (47.6)	68 (45.6)
Otorhinolaryngology	1 (1.2)	0	1 (0.7)
Orthopedics	0	1 (1.6)	1 (0.7)
Cardiothoracic Surgery	12 (14.0)	0	12 (8.1)
Urology	9 (10.5)	1 (1.6)	10 (6.7)
Anesthesiology	3 (3.5)	0	3 (2.0)
Clinical Pathology	1 (1.2)	0	1 (0.7)
Family Medicine	0	2 (3.2)	2 (1.3)
Total	86 (100)	63 (100)	149 (100)

10) When did you work most closely with people from other professions (e.g. nurses, technicians, etc.) within the hospital?

	Interns (%)	Students (%)	Total (%)
Endocrinology	0	1 (1.5)	1 (0.7)
Gastroenterology	0	1 (1.5)	1 (0.7)
Cardiology	0	3 (4.5)	3 (2.0)
Nephrology	0	1 (1.5)	1 (0.7)
Hemato-oncology	1 (1.1)	2 (3.0)	3 (2.0)
Pulmonology	0	2 (3.0)	2 (1.3)
General Surgery	8 (9.2)	8 (12.1)	16 (10.5)
Obstetrics and Gynecology	1 (1.1)	5 (7.6)	6 (3.9)
Pediatrics	2 (2.3)	6 (9.1)	8 (5.2)
Psychiatry	0	8 (12.1)	8 (5.2)
Neurology	2 (2.3)	0	2 (1.3)
Radiology	1 (1.1)	5 (7.6)	6 (3.9)
Emergency Medicine	24 (27.6)	16 (24.2)	40 (26.1)
Otorhinolaryngology	2 (2.3)	1 (1.5)	3 (2.0)
Orthopedics	4 (4.6)	0	4 (2.6)
Neurosurgery	4 (4.6)	0	4 (2.6)
Cardiothoracic Surgery	10 (11.5)	2 (3.0)	12 (7.8)
Urology	8 (9.2)	1 (1.5)	9 (5.9)
Anesthesiology	2 (2.3)	0	2 (1.3)
Clinical Pathology	0	1 (1.5)	1 (0.7)
Family Medicine	1 (1.1)	1 (1.5)	2 (1.3)
Total	87 (100)	66 (100)	153 (100)

11) Where do you feel you were able to "act like a doctor"?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	3 (4.8)	3 (2.0)
Endocrinology	0	1 (1.6)	1 (0.7)
Gastroenterology	0	3 (4.8)	3 (2.0)
Cardiology	0	2 (3.2)	2 (1.4)
Nephrology	0	2 (3.2)	2 (1.4)
Hemato-oncology	0	1 (1.6)	1 (0.7)
Pulmonology	0	5 (7.9)	5 (3.4)
General Surgery	8 (9.4)	4 (6.3)	12 (8.1)
Obstetrics and Gynecology	0	12 (19.0)	12 (8.1)
Pediatrics	3 (3.5)	2 (3.2)	5 (3.4)
Psychiatry	1 (1.2)	10 (15.9)	11 (7.4)
Neurology	1 (1.2)	1 (1.6)	2 (1.4)
Emergency Medicine	37 (43.5)	13 (20.6)	50 (33.8)
Otorhinolaryngology	0	2 (3.2)	2 (1.4)
Orthopedics	1 (1.2)	0	1 (0.7)
Cardiothoracic Surgery	21 (24.7)	0	21 (14.2)
Rehabilitative Medicine	0	1 (1.6)	1 (0.7)
Urology	6 (7.1)	0	6 (4.1)
Anesthesiology	2 (2.4)	0	2 (1.4)
Dermatology	0	1 (1.6)	1 (0.7)
Total	85 (100)	63 (100)	148 (100)

12) Was there a department in which you were expected to work without supervision, under your own guidance?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	3 (8.3)	3 (3.1)
Endocrinology	0	1 (2.8)	1 (1.0)
Pulmonology	0	1 (2.8)	1 (1.0)
General Surgery	6 (10.0)	3 (8.3)	9 (9.4)
Obstetrics and Gynecology	0	2 (5.6)	2 (2.1)
Pediatrics	1 (1.7)	4 (11.1)	5 (5.2)
Psychiatry	0	5 (13.9)	5 (5.2)
Neurology	1 (1.7)	0	1 (1.0)
Emergency Medicine	20 (33.3)	11 (30.6)	31 (32.3)
Orthopedics	1 (1.7)	0	1 (1.0)
Cardiothoracic Surgery	15 (25.0)	0	15 (15.6)
Plastic Surgery	1 (1.7)	0	1 (1.0)
Rehabilitative Medicine	0	2 (5.6)	2 (2.1)
Urology	8 (13.3)	1 (2.8)	9 (9.4)
Anesthesiology	2 (3.3)	0	2 (2.1)
Ophthalmology	1 (1.7)	0	1 (1.0)
Family Medicine	1 (1.7)	2 (5.6)	3 (3.1)
Total	60 (100)	36 (100)	96 (100)

13) When were you expected to make your own clinical decisions (no matter how small) to effectively impact the course of the patients' treatment?

	Interns (%)	Students (%)	Total (%)
Infectious Diseases	0	5 (10.0)	5 (4.3)
Gastroenterology	1 (1.5)	4 (8.0)	5 (4.3)
Cardiology	0	1 (2.0)	1 (0.9)
Nephrology	0	3 (6.0)	3 (2.6)
Pulmonology	0	4 (8.0)	4 (3.4)
General Surgery	9 (13.6)	5 (10.0)	14 (12.1)
Obstetrics and Gynecology	0	5 (10.0)	5 (4.3)
Pediatrics	1 (1.5)	3 (6.0)	4 (3.4)
Psychiatry	0	1 (2.0)	1 (0.9)
Neurology	0	1 (2.0)	1 (0.9)
Emergency Medicine	23 (34.8)	5 (10.0)	28 (24.1)
Orthopedics	3 (4.5)	0	3 (2.6)
Cardiothoracic Surgery	15 (22.7)	0	15 (12.9)
Plastic Surgery	0	4 (8.0)	4 (3.4)
Rehabilitative Medicine	0	2 (4.0)	2 (1.7)
Urology	8 (12.1)	0	8 (6.9)
Family Medicine	1 (1.5)	2 (4.0)	3 (2.6)
Total	66 (100)	50 (100)	116 (100)