

**Appendix**

**Questionnaire #1 (response rate = 90% (114))**

**1 A. Expectations to skills laboratory training**

The following statements are trying to capture some of your expectations to skills laboratory training. For each statement please indicate to what extent you agree or disagree

<i>My expectations to skills laboratory training are:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
1. Training will increase my motivation for becoming a doctor	77	35	2	0	0
2. Training will increase my motivation for learning other subjects this semester	53	58	3	0	0
3. Teachers in the skills laboratory will be committed to teaching	71	41	0	0	2
4. Teachers in the skills laboratory will take time to teach each individual student	44	64	5	0	1
5. I will have to participate actively in class	109	5	0	0	0
6. All students will try all stations	82	30	1	0	1
7. Skills laboratory training will make it easier for me to learn clinical skills than if I was only taught during clerkship	90	20	3	1	0
8. By the end of the course I will be able to perform clinical procedures supervised by a doctor	70	42	1	0	1
9. By the end of the course I will be able to perform clinical procedures on my own	9	48	44	9	4

**1 B.**

<i>Skills training will make it easier for me to learn clinical procedures because:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
10. I do not have to be afraid to do anything wrong	27	58	22	7	0
11. I do not have to be afraid to hurt the patient	53	58	3	0	0
12. the skills that I have learned to perform on a manikin can be transferred directly to a patient	8	61	36	7	2
13. The procedure will be demonstrated step by step before I have to do it myself	68	42	3	0	1
14. I will no be under any time pressure	45	51	18	0	0
15. Teachers will give me feedback	82	30	1	0	1
16. I can try each procedure as much as I need	90	20	3	1	0

17. Sex: Female: 77 = 67, 5% male: 36 = 31, 6% (1 incomplete answer)

**Questionnaire #2 (response rate = 93% (118))**

**2 A. Your view of skills laboratory training**

The following statements are trying to capture your view of training in the skills labor atory.

For each statement please indicate to what extent you agree or disagree

<i>My view of skills laboratory training is that:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
1. Training increased my motivation for becoming a doctor	65	50	2	0	1
2. Training increased my motivation for learning other subjects this semester	17	68	30	3	0
3. Teachers in the skills laboratory were committed to teaching	65	49	4	0	0
4. Teachers demonstrated the skills for me so that I understood what to do	63	55	0	0	0
5. Teachers observed if I learned what I was supposed to learn	7	71	37	3	0
6. I had to participate actively in class	93	24	1	0	0
7. I tried all stations in the sessions that I participated in	105	12	1	0	0
8. There is an informal relationship between students and teachers	60	50	7	1	0
9. There was too much noise in the skills laboratory	15	44	48	11	0
10. There were too many students in the skills laboratory at the same time	9	46	50	12	1
11. It was hard to concentrate in the skills laboratory	2	17	81	17	1
12. I have benefited from the skills training	80	38	0	0	0
13. I believe I could have learned the same skills just as well during clerkship	5	24	69	18	2

**2 B. The learning of clinical skills**

<i>Skills training has made it easier for me to learn clinical procedures because:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
14. I did not have to be afraid that I would do something wrong	56	48	13	1	0
15. I did not have to be afraid that I would hurt the patient	58	47	9	4	0
16. the skills that I have learned to perform on a manikin can be transferred directly to a patient	11	73	29	5	0
17. Teachers went through the procedure with me before I had to perform it myself	60	54	4	0	0
18. I was not under any time pressure	19	45	29	20	5
19. Teachers gave me feedback	22	60	33	1	2
20. I tried each procedure as much as I needed	4	21	60	32	1

## 2 C. Skills level

Please indicate at which level you believe that you at the present time can perform the following skills on a patient.

Skill	I did not try the skill in the skills laborat.	I tried the skill				Incomplete answers
		but I cannot perform it	and can perform it supervised	and can perform it unsupervised	and master it	
21. Heart stethoscopy	1	4	78	32	1	2
22. ECG	14	47	55	1	0	1
23. Breast examination	0	2	66	46	1	3
24. Lymph node palpation	0	5	66	45	1	1
25. Lung stethoscopy	0	2	71	42	2	1
26. Spirometry	3	11	53	45	5	1
27. Blood pressure measurement	0	0	7	69	41	1
28. Pulse count	0	0	1	58	58	1
29. Microscopic examination of urine	2	33	73	5	2	3
30. Venipuncture	0	6	84	23	2	3
31. Blood glucose examination	0	0	22	82	14	0
32. Urine strip test	4	0	18	69	26	1
33. Gynaecological examination	1	30	81	5	0	1
34. Urethral catheterisation	1	15	88	13	1	0
35. Abdominal palpation	0	10	83	24	0	1
36. Neurological examination	0	7	82	27	1	1
37. Preparation of blood sample for	2	1	25	83	6	1
38. Microscopic examination of blood	2	6	75	28	5	2
39. Mouth examination	6	1	38	68	4	1
40. Knee examination	3	2	67	39	7	0
41. Ankle examination	4	4	72	33	4	1
42. Suturing	4	15	82	12	1	4

**Questionnaire #3 (response rate = 96% (121))**

**3 A. Your view of the clerkship**

The following statements are trying to capture your view of the clerkship.

For each statement please indicate to what extent you agree or disagree

<i>My overall view of the clerkship is that:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
1. Clerkship increased my motivation for becoming a doctor	80	37	3	0	1
2. Clerkship increased my motivation for continuing my studies	91	29	1	0	0
3. Teachers in the clerkship were committed to teaching	22	94	3	0	2
4. Teachers observed if I learned what I was supposed to learn	4	59	51	6	1
5. There was an informal relationship between students and teachers	38	75	8	0	0
6. Teachers in the clerkship gave me feedback	22	79	20	0	0
7. I had to work hard and be active in order to get access to practise skills in the clerkship	78	42	1	0	0
8. I tried out all the skills I wanted to during clerkship	16	74	28	3	0
9. I tried every skill as often as I would like to	6	28	70	17	0
10. I was not under any time pressure when performing clinical skills	7	21	80	13	0
11. Teachers went through the procedure with me before I had to perform it myself	26	73	18	2	2
12. I did not have to be afraid that I would do something wrong	33	72	12	4	0
13. I did not have to be afraid that I would hurt the patient	4	24	70	23	0

### 3 B. The learning of clinical skills

<i>My view of learning clinical skills is that:</i>	<b>Strongly agree</b>	<b>Agree</b>	<b>Disagree</b>	<b>Strongly disagree</b>	<b>Incomplete answers</b>
14. Skills learned on a manikin can be directly transferred to patients	10	76	29	4	2
15. There is no difference in learning skills on a manikin and on a patient	1	6	65	49	0
16. Skills training in the skills laboratory has increased my confidence when I perform skills on patients in the clerkship	37	75	8	0	1
17. Confidence is important for me when I perform clinical skills	77	42	1	0	1
18. Skills training in the skills laboratory has increased my outcome of the clerkship	69	50	2	0	0
19. Clerkship provides students with a better opportunity to learn clinical skills when compared to the skills laboratory	57	55	9	0	0

### 3 C Skills level

Please indicate at which level you believe that you at the present time can perform the following skills on a patient.

Skill	I did not try the skill during clerkship	I tried the skill				Incomplete answers
		but I cannot perform it	and I can perform it supervised	and I can perform the skill unsupervised	and I master it	
20. Heart stethoscopy	0	2	22	71	23	3
21. ECG	68	11	36	5	0	1
22. Breast examination	40	2	36	41	2	0
23. Lymph node palpation	3	3	17	85	13	0
24. Lung stethoscopy	0	0	13	79	28	1
25. Spirometry	88	8	16	8	0	1
26. Blood pressure measurement	0	0	3	45	73	0
27. Pulse count	0	0	0	31	90	0
28. Microscopic examination of urine	95	19	5	1	1	0
29. Venipuncture	4	1	17	75	22	2
30. Blood glucose examination	55	5	15	35	11	0
31. Urine strip test	67	5	9	27	13	0
32. Gynaecological examination	86	8	26	1	0	0
33. Urethral catheterisation	72	4	23	22	0	0
34. Abdominal palpation	3	2	31	64	18	3
35. Neurological examination	22	6	49	40	2	2
36. Preparation of blood sample for	73	10	17	19	2	0
37. Microscopic examination of blood	79	17	20	4	0	1
38. Mouth examination	4	3	14	82	17	1
39. Knee examination	30	0	43	42	5	1
40. Ankle examination	29	0	44	40	7	1
41. Suturing	30	2	47	34	7	1