

## Appendix 1: Questionnaire

### Dear Resident

The present questionnaire is designed to evaluate your procedural skills during the residency period. Please answer each of the questions carefully to help the researcher collect the data correctly. We thank you in advance for taking the time to complete this questionnaire. It should be noted that the information collected by the questionnaire will be for research purposes only and will not be used in any way to evaluate residents.

### Demographic information

Gender:            Male        Female	Age (in years):
University of graduation in general medicine:	
Graduation year:	Year of entry into the residency:

### Current status of practical skills training

Dear Resident, Please enter the information related to each statement as an accurate number according to the information you have entered in your training logbook.

Skill title	Number of observations of the skill	Number of performing with help	Number of performing independently	Total times required
Basic life support				
Advanced life support				
Advanced resuscitation methods				
Insertion of different types of umbilical catheters				
Arterial blood sampling				
Umbilical vein blood sampling				
Subcutaneous, intradermal, intramuscular and intravenous injection				
Insert NG tube				
Bladder aspiration				
Treatment of Interosseous				
Lumbar puncture (LP)				
Plural tap				
Ascites tap				
Bone marrow aspiration				
Total blood exchange				
Preparation of smear and gram staining and Giemsa				
Microscopic urine analysis				
Urinary tract catheterization				
Bone marrow biopsy				
Administration of surfactant through endotracheal tube				
Electrocardiography				
Peritoneal Dialysis				

Working with a ventilator				
Coreneedle liver biopsy				
Circumcision				
Intravenous catheterization				
Chest tube insertion				
Peripheral central optimal catheter				
Working with the supraglottic device				
Insulin injection and work with glucometer				
How to use and learn how to use Asthma spacer				
Clinical skills of vaccination				
Clinical skills of performing purified protein derivative (PPD)				

## Self-evaluation of procedural skills

Dear Resident, Please rate your abilities in each of the statements in the table below on a Likert scale from 1 to 5.

Skill title	Very weak 1	Weak 2	Moderate 3	Good 4	Excellent 5
Basic life support					
Advanced life support					
Advanced resuscitation methods					
Insertion of different types of umbilical catheters					
Arterial blood sampling					
Umbilical vein blood sampling					
Subcutaneous, intradermal, intramuscular and intravenous injection					
Insert NG tube					
Bladder aspiration					
Treatment of Interosseous					
Lumbar puncture (LP)					
Plural tap					
Ascites tap					
Bone marrow aspiration					
Total blood exchange					
Preparation of smear and gram staining and Giemsa					
Microscopic urine analysis					
Urinary tract catheterization					
Bone marrow biopsy					
Administration of surfactant through endotracheal tube					
Electrocardiography					
Peritoneal Dialysis					
Working with a ventilator					
Coreneedle liver biopsy					
Circumcision					
Intravenous catheterization					
Chest tube insertion					
Peripheral central optimal catheter					
Working with the supraglottic device					
Insulin injection and work with glucometer					
How to use and learn how to use Asthma spacer					
Clinical skills of vaccination					
Clinical skills of performing purified protein derivative (PPD)					