

## PRINCE SULTAN CARDIAC CENTRE

**Dear Applicant,**

The completed information below assists us in deciding what position/grade you may be offered. It is an expectation that all information you provide is true. If you are employed this information will be reassessed at commencement of contract. Lack of honesty will jeopardize your grade/contract.

I \_\_\_\_\_ hereby state the information provided in the following pages is my own knowledge and is true.

\_\_\_\_\_  
**Signature of Applicant**

\_\_\_\_\_  
**Date**

Apart from completing this Skills Checklist, please be aware that during orientation a short cardiac knowledge workbook will be given to you for completion. You may therefore wish to do some revision of cardiac anatomy and physiology, and cardiac care relevant to your area of work before you arrive in Saudi Arabia.

<b>SKILLS CHECKLIST: PAEDIATRIC CARDIOLOGY ICU (2.6)</b>					
<b>NAME OF APPLICANT:</b>			<b>DATE:</b>		
SKILL AREA	CURRENT EXPERIENCE		NOT EXPERIENCED	NEEDS REVIEW	COMMENTS (IF ANY)
	Within last 6 months	Within last 2 years			
<b>I. PATIENT CARE:</b>					
A. Care of patients with severe heart failure					
B. Care of patients with dysrhythmias					
C. Care of ventilated patients					
D. Care of patients with severe respiratory problem / tracheostomy care					
E. Pre and post balloon patients needing short term ventilation					
F. Care of patient with temporary and permanent pacemaker					
G. Care of patient on radiant warmer / isolette					
H. Care of patient on peritoneal dialysis					
I. Care of patients pre and post cardiac catheterisation					
J. Care of patients post pericardial tapping					
K. Care of patient with pleural drain					
L. Care of patient on:					
• Phototherapy					
• Exchange transfusion					
• Umbilical arterial / venous lines					
M. Care of immediate post-op patients (closed heart surgeries)					
• COA Repair, Aortic Arch Repair					
• PA Banding					
• PDA Ligation / Division					
• Systemic to Pulmonary Shunts					
N. Care of patients with congenital and acquired heart disease					
<b>II. HAEMODYNAMIC MONITORING:</b>					
A. CVP					
B. Arterial blood pressure					

**PRINCE SULTAN CARDIAC CENTRE**

<b>SKILLS CHECKLIST: PAEDIATRIC CARDIOLOGY ICU (2.6)</b>					
<b>NAME OF APPLICANT:</b>			<b>DATE:</b>		
<b>SKILL AREA</b>	<b>CURRENT EXPERIENCE</b>		<b>NOT EXPERIENCED</b>	<b>NEEDS REVIEW</b>	<b>COMMENTS (IF ANY)</b>
	<b>Within last 6 months</b>	<b>Within last 2 years</b>			
C. Central and peripheral temperature					
<b>III. SKILLS OF EMERGENCY INCLUDING:</b>					
A. Basic Cardiac Life Support (BCLS) certification					
B. Advanced Cardiac Life Support (ACLS) certification					
C. Paediatric Advanced Life Support (PALS) certification					
<b>IV. KNOWLEDGE OF DEFIBRILLATION:</b>					
A. Set up for defibrillation / cardioversion					
B. Paddle placement					
C. Assist in defibrillation / emergency cardioversion					
<b>V. KNOWLEDGE OF TEMPORARY PACEMAKER INCLUDING:</b>					
A. Set up and insertion of emergency pacemaker					
B. Cable / wire generator connections					
C. Changing batteries in pacemaker generator					
D. Function of each setting on pacer generator					
E. Pacemaker function including failure to sense or failure to capture					
<b>VI. INVASIVE HAEMODYNAMIC MONITORING SKILLS INCLUDING:</b>					
A. Set up and assist with invasive lines, i.e. arterial, CVP					
B. Set up, level, zero, and calibrate transducers					
C. Set up of line flush system					
D. Identify normal pressure wave forms					
E. Identify normal pacemaker waveforms					
F. Hazards of pressure monitoring					
<b>VII. PULMONARY COMPONENT SKILLS:</b>					
A. Pulmonary assessment skills					
B. Auscultation and identification of breath sounds (normal or abnormal)					
C. Bronchial, bronchovesicular, vesicular breath sounds					
D. Diminished breath sounds					
E. Rales / Rhonchi					
F. Wheezes					
G. Stridor					
H. Interpretation of arterial blood gases:					
- Acid based disturbances					
- Compensation					
- Chronic vs acute processes					
- Oxygenation					
I. Obtain blood samples taken from arterial pressure line					
J. Provides nursing care for the patient requiring intubation and mechanical ventilation					
K. Aware of rationale for use of:					
- PEEP					
- CPAP					
- SIMV / IMV					
- Pressure Control / Volume Control					
- Pressure Support / Volume Support					



**PRINCE SULTAN CARDIAC CENTRE**

<b>SKILLS CHECKLIST: PAEDIATRIC CARDIOLOGY ICU (2.6)</b>					
<b>NAME OF APPLICANT:</b>			<b>DATE:</b>		
SKILL AREA	CURRENT EXPERIENCE		NOT EXPERIENCED	NEEDS REVIEW	COMMENTS (IF ANY)
	Within last 6 months	Within last 2 years			

