

**HAWLER MEDICAL UNIVERSITY  
COLLEGE OF NURSING  
LABORATORY AND CLINICAL EDUCATION**

**Procedure Evaluation Document (PED)**

<b>PROCEDURE:</b>		<b>Medication - Blood transfusion</b>	<b>Code</b>	<b>15-31</b>
<b>No.</b>	<b>Skill steps</b>	<b>Not achieved</b>	<b>Achieved</b>	
1	<input type="checkbox"/> Patient medical record <input type="checkbox"/> Vital signs chart <input type="checkbox"/> Thermometer <input type="checkbox"/> Sphygmomanometer <input type="checkbox"/> Stethoscope <input type="checkbox"/> Blood transfusion form <input type="checkbox"/> Blood product <input type="checkbox"/> Normal Saline <input type="checkbox"/> IV fluids administration set <input type="checkbox"/> Blood administration set <input type="checkbox"/> 16-20 gauge cannula <input type="checkbox"/> Normal saline flush (syringe with 5-10ml of Normal Saline_ <input type="checkbox"/> Alcohol swab or disinfecting solution <input type="checkbox"/> Gauze <input type="checkbox"/> Tape or iv cannula dressing <input type="checkbox"/> Tourniquet <input type="checkbox"/> Three way stop-cock <input type="checkbox"/> Non-sterile gloves <input type="checkbox"/> Plastic bag for empty blood product bag <input type="checkbox"/> Hand rub gel <input type="checkbox"/> Plastic tray			
2	Verified the medical order for transfusion of a blood product.			
3	Verified the completion of informed consent documentation in the medical record.			
4	Verified any medical order for pre-transfusion medication.			
5	Performed hand hygiene using correct technique.			
6	Identified patient using two identifiers.			
7	Performed greeting, introduction and permission procedure (G.I.P).			
8	Provided privacy.			
9	Explained the procedure to the patient and answered any questions.			
10	Advised patient to report any chills, itching, rash, or unusual symptoms.			
11	Adjusted the height of the bed.			
12	Obtained baseline set of vital signs before beginning transfusion.			
13	Documented the vital signs in the vital signs chart.			
14	Put on gloves.			
15	Prepared Normal saline administration set correctly.			
16	Connected three-way stop-cock to the iv fluid administration set and primed the set.			
17	Checked the venous access site for any signs of inflammation or infection.			
18	Checked the type of the iv cannula. If the cannula is too small (should be 16-20 gauge, ideally 18), replaced the cannula using correct procedure.			
19	Connected three-way stop-cock to the cannula.			
20	Started normal saline infusion.			
21	Asked another nurse to compare and validate the following information with the medical record, patient identification band, and the label of the blood product: <ul style="list-style-type: none"> <li><input type="checkbox"/> Medical order for transfusion of blood product</li> <li><input type="checkbox"/> Informed consent</li> <li><input type="checkbox"/> Patient identification number</li> <li><input type="checkbox"/> Patient name</li> </ul>			

	<input type="checkbox"/> Blood group and type <input type="checkbox"/> Expiration date <input type="checkbox"/> Inspection of blood product for clots												
22	Closed the clamp on the Normal Saline administration set.												
23	Prepared blood transfusion administration set (inserting spike into the container).												
24	Primed the blood administration with blood.												
25	Squeezed drip chamber until the in-line filter was saturated.												
26	Connected the blood administration set to the three-way stop-cock.												
27	Started administration slowly (no more than 25 to 50 ml for the first 15 minutes).												
28	Stayed with the patient for the first 5 to 15 minutes of transfusion.												
29	Calculated the drop rate to infuse the blood over maximum time of 4 hours!												
30	Adjusted the correct drop rate on the blood set.												
31	Inspected the insertion site for signs of infiltration or discomfort.												
32	Observed the patient for flushing, dyspnoea, itching, hives or rash, or any unusual comments (verbal report).												
33	Reassessed vital signs after 15 minutes from starting the infusion and every 15 minutes after for the first hour.												
34	Reassessed vital signs and patient's condition every hour at 2nd, 3rd, 4th hour (verbal report).												
35	Notified medical staff if any transfusion reaction occurred (verbal report).												
36	After completion of the transfusion of blood, clamped the blood administration set.												
37	Restarted Normal Saline infusion.												
38	Disconnected the blood transfusion set from the three-way stop-cock and capped.												
39	Put empty blood product bag and set to the plastic bag.												
40	Assessed patient's vital signs (4 <sup>th</sup> hour).												
41	Discontinued and disconnected the Normal Saline infusion.												
42	Checked patient's comfort.												
43	Removed gloves.												
44	Put equipment in dedicated location.												
45	Sent the empty blood bag back into the laboratory/blood bank.												
46	Performed hand hygiene using correct technique.												
<b>1. SKILL EVALUATION 60%</b>													
<b>Steps</b>	0	1-5	6-10	11-15	16-21	22-23	24-29	30-34	35-39	40-44	45-46	Skill steps achieved	
<b>Points</b>	0	6	12	18	24	30	36	42	48	54	60	Skill points achieved	
<b>Level</b>	F					U	N	S	C	I		Skill level achieved	
<b>2. PROCEDURE ASPECTS EVALUATION 40%</b>													
<b>Rationale 10%</b>			<b>Patient Focus 10%</b>				<b>Professional Manner 10%</b>				<b>Time 10%</b>		
Failed	5		Failed	5			Failed	5			Failed	+10	5
Unsatisfactory	6		Unsatisfactory	6			Unsatisfactory	6			Unsatisfactory	+8	6
Novice	7		Novice	7			Novice	7			Novice	+6	7
Supervised	8		Supervised	8			Supervised	8			Supervised	+4	8
Competent	9		Competent	9			Competent	9			Competent	+2	9
Independent	10		Independent	10			Independent	10			Independent	TA	10
<b>Notes:</b>											Time allowed (TA)	<b>30</b>	
											Time achieved		
											Aspects points achieved		
<b>3. COMPLETE PROCEDURE EVALUATION 100%</b>													
≤50	51-60		61-70		71-80		81-90		91-100		Total points achieved		
<b>Failed</b>	<b>Unsatisfactory</b>		<b>Novice</b>		<b>Supervised</b>		<b>Competent</b>		<b>Independent</b>		Total level achieved		
Student					Signature						<b>Actual Mark/Out of</b>		
Teacher					Signature								
Clinical Area					Date								