

APACHE II Worksheet (Form C)

Patient# _____

Record values from the first 24 hours from admission to ICU.

1	Temperature – rectal, tympanic, or core (°C) (If axilla + 1°C, If oral + 0.5°C) (If °F, use conversion factor: $- 32 \div 1.8$)				
2	a. Systolic Blood Pressure (mmHg) b. Diastolic Blood Pressure (mmHg)				
3	Heart Rate (Ventricular Response)				
4	Resp. Rate (non-ventilated or ventilated)				
5	Oxygenation: a. If $FiO_2 \geq 0.5$ record the FiO_2 , $PaCO_2$, and the PaO_2 b. If $FiO_2 < 0.5$ record only PaO_2 If NO arterial blood gases check here <input type="checkbox"/> (assumes normal oxygenation and scores "0")				
6	Arterial pH				
7	Serum Sodium (mmol/L or mEq/L)				
8	Serum Potassium (mmol/L or mEq/L)				
9	Serum Creatinine (μ mol/L) (If mg/dl, use conversion factor: $\times 88.4$) If patient is in acute renal failure, check here <input type="checkbox"/>				
10	Hematocrit (%) (If fraction, use conversion factor $\times 100$)				
11	White Blood Count (total/ mm^3) (in 1000s)				
12.	Glasgow Coma Score (GCS) (Choose one option for each box) <table style="width: 100%; margin-top: 10px;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 33%;"> Eye Opening 4 – Spontaneous 3 – To speech 2 – To pain 1 – None </td> <td style="border: 1px solid black; padding: 5px; width: 33%;"> Verbal Response 5 – Oriented 4 – Confused 3 – Inappropriate words 2 – Incomprehensible words 1 – None </td> <td style="border: 1px solid black; padding: 5px; width: 33%;"> Best Motor Response 6 – Obeys commands 5 – Localizes to pain 4 – Withdraws from pain 3 – Abnormal flexion 2 – Extension 1 – None </td> </tr> </table>		Eye Opening 4 – Spontaneous 3 – To speech 2 – To pain 1 – None	Verbal Response 5 – Oriented 4 – Confused 3 – Inappropriate words 2 – Incomprehensible words 1 – None	Best Motor Response 6 – Obeys commands 5 – Localizes to pain 4 – Withdraws from pain 3 – Abnormal flexion 2 – Extension 1 – None
Eye Opening 4 – Spontaneous 3 – To speech 2 – To pain 1 – None	Verbal Response 5 – Oriented 4 – Confused 3 – Inappropriate words 2 – Incomprehensible words 1 – None	Best Motor Response 6 – Obeys commands 5 – Localizes to pain 4 – Withdraws from pain 3 – Abnormal flexion 2 – Extension 1 – None			
13	Serum HCO₃ (venous-mmol/L or mEq/L) If NO arterial blood gases, replaces arterial pH and assumes normal oxygenation.				
14.	Age				
15.	Chronic Health Points. If the patient has a history of severe organ system insufficiency (see definitions below) or is immuno-compromised assign points as follows. <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> 5- For non-operative or emergency postoperative patients 2- For elective postoperative patients 0- If patient does NOT have a history of severe organ system insufficiency and is NOT immuno-compromised. </div> <p>Chronic Health Definitions Organ insufficiency or immuno-compromised state evident prior to this hospital admission and are consistent with the following criteria: Liver: Biopsy-proven cirrhosis and documented portal hypertension; prior episodes of upper GI bleeding attributed to portal hypertension; or prior episodes of hepatic failure/encephalopathy/coma Cardiovascular: New York Heart Association Class IV Respiratory: Chronic restrictive, obstructive, or vascular disease resulting in severe exercise restriction (i.e., unable to climb stairs or perform activities of daily living or household duties; or documented chronic hyposia, hypercapnia, secondary polycythemia, severe pulmonary hypertension (>40 mmHg), or ventilator dependency Renal: Receiving chronic dialysis Immuno-Compromised: The patient has received therapy that suppresses resistance to infection (i.e., immuno-suppressive treatment, chemotherapy, radiation, long term or recent high dose steroids, or has a disease that is sufficiently advanced to suppress resistance to infection (i.e., leukaemia, lymphoma, AIDS)</p>				