

STRIPES Study PRISM III Worksheet Instructions for Non-Randomized, Eligible patients

Complete this form only for NON-RANDOMIZED, ELIGIBLE patients as identified on the study screening sheet. Use values obtained during the **first 12 hours of PICU admission**. If multiple values are available, use the most abnormal score during the above time period. Please fax all completed PRISM III Forms along with the Patient Eligibility Screening Sheet to the coordinating office on the first Monday of each month at **(613) 738-4287**. Keep a copy of all completed PRISM III forms on file.

Systolic Blood Pressure

- Use data from an arterial line if available and functioning. Use data collected by a cuff if arterial line is not available or if not functioning properly (i.e. dampened waveform).
- Generally, a cardiac arrest involves more than 30 seconds of cardiac massage. For resuscitation with chest compressions and absent blood pressure, record the systolic blood pressure as "0".
- Do not assess heart rate during crying or iatrogenic agitation

Heart Rate

- For resuscitation with chest compressions and asystole, record the heart rate as "0".
- Do not assess heart rate during crying or iatrogenic agitation.

Pupillary Reflex/Mental Status

- Include coma status (Glasgow Coma Scale) if patient has known or suspected acute neurologic disease (i.e. head trauma) or if there is reasonable possibility that acute neurologic disease is present. There must be a reasonable medical condition accounting for the neurologic dysfunction.
- Do not include "chronic coma" or coma caused by drugs.
- Do not include scores for at least 2 hours following anesthesia, sedation or paralysis.
- Do not include "sleeping" as coma.
- If the patient has been iatrogenically sedated or paralyzed during the entire PICU observation period, then use the most recent, accurate mental status assessment prior to the PICU admission (i.e. Emergency department, or if directly admitted to the PICU, use the pre-hospital assessment).
- Pupils must be greater than 3 mm to qualify as fixed and dilated.
- Pinpoint pupils are not included.
- Unequal pupils must be a minimum of 1 mm difference.
- Do not score chronically altered pupils from previous disease or pupils altered by drugs such as atropine.

Blood Gas/Acid Base

- pH and PCO₂ may be obtained from arterial, venous, or capillary blood gas samples.
- Do not use PCO₂ samples obtained during brain death apnea testing.
- Total CO₂ is obtained from the measured sample (done with electrolytes) and NOT the blood gases. However, if your laboratory does not calculate the measured Total CO₂, use the bicarbonate value from the blood gas.

PaO₂

- Use arterial measurements only.

Glucose

- Record the highest value.
- Specify whether the value is recorded in mmol/L or mg/dL.
- Avoid hemolyzed specimens.

Potassium

- Record the highest value.
- Avoid hemolyzed specimens.

Creatinine

- Record the highest value.
- Specify whether the value is recorded in umol/L or mg/dL.
- Avoid hemolyzed specimens.

Blood Urea Nitrogen (BUN)

- Record the highest value.
- Specify whether the value is recorded in mmol/L or mg/dL.

WBC and Platelets

- Record the lowest value.
- Avoid hemolyzed specimens.

PT or PTT

- Indicate whether the value provided is the Prothrombin Time (PT) or Partial Thromboplastin Time (PTT).
- Record the highest value.

Other factors

- Indicate all that apply or select "None"

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Circle units where appropriate.

1. **Lowest Systolic BP:** ___ ___ mmHg **Highest Heart Rate:** ___ ___ bpm
2. **Lowest Temperature:** ___ . ___ °C or N/A Route (circle one): PR PO Ax Tymp Esoph Bladder
3. **Highest Temperature:** ___ . ___ °C or N/A Route (circle one): PR PO Ax Tymp Esoph Bladder
4. **Pupillary Reflexes:** 1 F&D Both F&D Other N/A
5. **Lowest GCS:** ___ or N/A
6. **Lowest pH:** ___ . ___ or N/A **Highest pH:** ___ . ___ or N/A
7. **Lowest Total CO₂:** ___ . ___ or N/A **Highest Total CO₂:** ___ . ___ or N/A
8. **Lowest PaO₂:** ___ . ___ mmHg or N/A
9. **Highest PCO₂:** ___ . ___ mmHg or N/A
10. **Highest Glucose** (circle units): ___ . ___ mmol/L / md/gL or N/A
11. **Highest K⁺:** ___ . ___ mmol/L or N/A
12. **Highest Creatinine** (circle units): ___ . ___ μmol/L / mg/dL or NA
13. **Highest BUN** (circle units): ___ . ___ mmol/L / mg/dL or N/A
14. **Lowest WBC:** ___ . ___ X10⁹/L or N/A
15. **Highest PT or PTT** (circle PT or PTT): ___ . ___ PT / PTT or N/A
16. **Lowest Platelet Count:** ___ . ___ X 10⁹/L or N/A

17. Other factors (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> Non-operative CV disease | <input type="checkbox"/> Admission from Inpatient unit (exclude post-operative patient) |
| <input type="checkbox"/> Post-operative | <input type="checkbox"/> Previous ICU admission |
| <input type="checkbox"/> Chromosomal anomaly | <input type="checkbox"/> Pre-ICU CPR |
| <input type="checkbox"/> Acute diabetes (i.e. DKA) | <input type="checkbox"/> None of the above |
| <input type="checkbox"/> Cancer | |

Site: _____

Patient was admitted to the PICU at (time and date):

___ : ___ (hh:mm) ___ / ___ / ___ (dd/mm/yyyy)

Patient was screened for eligibility at (time and date):

___ : ___ (hh:mm) ___ / ___ / ___ (dd/mm/yyyy)