UNIVERSITY OF SOUTH ALABAMA  
DEPARTMENT OF CARDIORESPIRATORY CARE  
Clinical Competency Checklist  
Calibration of the Transcutaneous  
$O_2/CO_2$ Monitor (Tcom)

Student Name _______________________ Date _____________ Attempt # _________

Rating Scale:  
0 = Inappropriate, no, incorrect, undone, absent  
1 = Needs additional study and practice  
2 = appropriate, yes, correct, done, present

<table>
<thead>
<tr>
<th>ITEM</th>
<th>RATING</th>
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<tr>
<td>1. When time has elapsed, carefully remove sensor from infant’s skin.</td>
<td>________</td>
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| 2. Wipe sensor dry with tissue as needed.  
  Inspect membrane of sensor for tears or wrinkles. | ________ |
| 3. Place sensor in calibration chamber face down. Calibration will automatically start. | ________ |
| 4. When the monitor displays “Ready for Use” (signaling calibration is complete)  
  remove sensor from chamber, prepare it for placement on infant’s skin. | ________ |
| 5. Peel and place new sensor disk on sensor surface.  
  Peel back paper backing from disk. | ________ |
| 6. Place 1 to 2 drops of contact solution in middle of sensor. | ________ |
| 7. Place sensor on infant’s skin being careful not to let drop of solution on sensor’s face fall off. | ________ |
| 8. Press start button to start time on Tcom. | ________ |

Total = ______ out of 16  
% = __________  
70% proficiency required to pass

Instructor’s Signature: _________________________________________

Instructor's Name: ____________________________________________  Credential: ______

(Please print)

Student's Signature: _________________________________________