Skills Training and Evaluation
(At the completion of training session, the trainee should be able to complete these tasks and successfully conduct Gram Stain Testing)

<table>
<thead>
<tr>
<th></th>
<th>Met*</th>
<th>Unmet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Describes purpose of test</td>
<td>☐ ☐</td>
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<tr>
<td>2.</td>
<td>Demonstrates compliance with hand hygiene protocol; wears gloves</td>
<td>☐ ☐</td>
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<tr>
<td>3.</td>
<td>Describes proper sample collection, thin smear application procedure and labeling of the slide.</td>
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<tr>
<td>4.</td>
<td>Allows the thin smear to air dry.</td>
<td>☐ ☐</td>
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<tr>
<td>5.</td>
<td>Demonstrates proper technique for heat fixing the slide using an alcohol lamp.</td>
<td>☐ ☐</td>
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<tr>
<td>6.</td>
<td>Stains the slide with crystal violet for one minute.</td>
<td>☐ ☐</td>
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<tr>
<td>7.</td>
<td>Washes off slide gently with tap water.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>8.</td>
<td>Applies gram iodine for one minute and then rinses with tap water.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>9.</td>
<td>Decolorizes the slide with acetone/ethanol solution until no violet color washes off.</td>
<td>☐ ☐</td>
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<tr>
<td>10.</td>
<td>Washes again with tap water then overlays the slide with safranin for one minute.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>11.</td>
<td>Washes again with tap water, drains excess water and air dries or gently blots.</td>
<td>☐ ☐</td>
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<tr>
<td>12.</td>
<td>Examines on low power for slide acceptability.</td>
<td>☐ ☐</td>
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<tr>
<td>13.</td>
<td>Examines the stained slide using the oil immersion lens.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>14.</td>
<td>Records the result on the log sheet and ensures that all required documentation has been completed as expected.</td>
<td>☐ ☐</td>
</tr>
</tbody>
</table>

- All skills parameters must be “met” in order to become an authorized operator.

Learning Assessment/Test

1. After you apply the specimen to the slide, how long should you heat fix the slide?
   - a) Until the slide is hot ☐
   - b) Until the slide is warm ☐

2. How long should you stain the slide with crystal violet:
   - a) 5 minutes ☐
   - b) 2 minutes ☐
   - c) 60 seconds ☐
   - d) 30 seconds ☐

3. How long should you stain with gram iodine?
   - a) 5 minutes ☐
   - b) 2 minutes ☐
   - c) 60 seconds ☐
   - d) 30 seconds ☐

4. After staining the slide can be air dried or gently blotted:
   - a) True ☐
   - b) False ☐

5. Gram negative diplococci are noted on the slide. A confirmation culture and/or NAAT test must be sent.
   - a) True ☐
   - b) False ☐

SCORE: _______________________________
(Passing = 80% or higher)

Individual Information

Name: ______________________________
Employee ID#: _______________________
Care Unit: _________________________
Date of Training: _____________________
   MD ☐
   RN ☐
   LPN ☐
   MT ☐
   Other: __________________________
Training Status:
   ☐ New/Initial
   ☐ Recertification

Trainer Signature
(Trainer signature indicates trainee has successfully completed the program and scored 80% or better on the quiz)

Retain as part of permanent record.
Assessment Quiz Answers.

1. B
2. C
3. C
4. A
5. A