DIRECT DRAW BLOOD CULTURE PROCEDURE

<table>
<thead>
<tr>
<th>Author: Kimberley Denovio</th>
<th>Date</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8/10</td>
<td></td>
</tr>
<tr>
<td>Medical Director: Russell E. Newkirk, M.D.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Supersedes: new procedure
File name: users\lab\shared\general lab/LAB MANUAL/new lab resource manual/blood collection/direct draw blood culture procedure-8/10

**EQUIPMENT:**
- Clean Gloves
- Tourniquet
- Blood Culture Prep Kit (BLDC or BLDCA)
- Tape
- 2x2 Gauze Pads
- Labels and Lab Slips
- Specimen Bags

*****BLDC kit contains 2 Aerobic Bottles/ BLDCA kit contains anaerobic &aerobic bottle*******
- 2 betadine swabs
- 1 wide culture vacutainer holder
- 2 alcohol swabs
- 1 winged infusion needle
**STEPS:**

1. RN to verify Physician/Provider order.

2. Verify blood tubes needed, specific handling conditions and test procedures, if applicable.

3. Verify patient’s identity and explain procedure to patient.

4. Wash hands.

5. Apply clean gloves.

6. Assemble all equipment needed to perform blood drawing procedure. (If BLDC use the kit with 2 aerobic bottles if BLDCA use kit with anaerobic and aerobic bottles) **Always draw the aerobic bottle first**

7. Disinfect tops of two bottles with betadine swab from prep kit; allow to air dry.

8. Position patient for comfort, provide privacy.

9. Apply tourniquet 3-4 inches above intended site with enough pressure to promote venous distention.

10. Use an index finger, not a thumb to palpate vein being sure vein is distended.

11. Select the vein, preferably in the antecubital area.

12. Drawing blood cultures(aerobic bottle first)

13. When blood cultures are being drawn, disinfect the skin using alcohol and then a betadine swab from the Blood Culture Prep Kit, for 1 minute using a circular motion starting at the center of the area and working outward; allow to air dry.

14. Use thumb and index finger to anchor the vein.

15. With needle bevel up and aligned with vein, puncture the vein.

16. Push the vacutainer holder on to the top of the bottle (Aerobic bottle first); blood should flow into bottles.
17. Allow the bottle to fill with 10ml of blood per bottle. (use the graduations on the side of the bottles as a guide)

18. Remove the first bottle and fill the next one after it has filled to appropriate level follow order of draw to draw any other bloods that may be ordered on that patient. (note-vacutainer tube insert should be used when drawing additional bloods)

19. Gently invert all tubes with additive, 5-10 times to insure proper mixing.

20. Remove tourniquet.

21. Activate the needle safety device on the winged infusion needle immediately apply pressure with 2x2 gauze to stop bleeding and prevent bruising.

22. Tape gauze to puncture site.

23. Dispose of vacutainer/needle in the Sharps Container; dispose of other waste in appropriate containers.

24. After blood specimen(s) is/are obtained, while at the bedside, label all tubes with patient information label; if a pre-printed label is not available, the hand written label must contain the patient’s name, date of birth, date and time of blood sample collection and initials of person drawing blood sample; record same information on requisition slip or collection list.

25. Insert blood tubes into specimen bag; close securely.

26. Deliver specimens to lab via pneumatic tube system.