

### Guidelines for Pediatric Blood Volume Collections

Note: The anticoagulant is sprayed in the microtainer tubes and it is important to gently tap the tube during collection so that the blood runs down the sides of the tube. If the drop adheres to the side and does not roll down the tube, micro clots can form.

#### Pediatric Blood Volume Collection Guidelines:

The following is the maximum amounts of blood that can be drawn on patients under 14 years of age at any one time. Approval from provider must be obtained if more than maximum is needed. Keep in mind that the patient may be drawn more than once per day so minimum amounts should be considered for each draw.

Weight in pounds	Weight in Kg	Max amt. To be drawn <u>at any one time</u> (verify with provider if more sample is required for testing)
6 – 8	2.7 – 3.6	2.5 mL
8 – 10	3.6 – 4.5	3.5 mL
10 – 15	4.5 – 6.8	5.0 mL
16 – 40	7.2 – 18.1	10.0 mL
41 – 60	18.6 – 27.2	20.0 mL
61 – 65	27.7 – 29.5	25.0 mL
66 – 100	30.0 – 45.4	30.0 mL

**Note: Pediatric blood cultures – BD BACTEC pink bottle – 1 to 3 mls.  
Draw Volume depends on patient’s weight.**

**For an infant under 2 months of age, the scrub procedure for blood cultures should be:**

- 30 seconds with alcohol swab
- Circular scrub with 2<sup>nd</sup> alcohol swab
- Allow to completely dry

Reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_