WEIGHT BASED BLOOD CULTURES VOLUME CHART

Weight of patient (kg)	**Total blood volume for 1st SET of blood cultures** (i.e. peripheral stick)	**Total blood volume for 2nd SET of blood cultures ∞** (i.e. peripheral stick or single/double lumen catheter)	**Total mLs that = approximately 1% of the patient's total blood volume ‡**
	Divide the total below into one anaerobic and one aerobic bottle (please see exception below)*****	Divide the total below into one anaerobic and one aerobic bottle (please see exception below) *	
< 9 kg	1mL***** (0.5mL/bottle)	1mL *(0.5mL/bottle)	2mL
9-14	3mL* (1.5mL/bottle)	3mL *(1.5mL/bottle)	6-10mL
15-27	5mL (2.5mL/bottle)	5mL (2.5mL/bottle)	10-20mL
28-41	10mL (5mL/bottle)	10mL (5mL/bottle)	20-30mL
>42	20mL (10mL/bottle)	20mL (10mL/bottle)	≥40mL

	1st and 2nd SET of blood cultures= one anaerobic bottle and one aerobic bottle: • at least one blood culture set should be obtained through a peripheral venipuncture
	If less than the weight based volume obtained, then note the volume of blood obtained on the requisition order
	The maximum volume per each blood culture bottle is 10mL
*	If < 5mL of blood drawn: • **For neonatal:** o send the total volume in 1 aerobic bottle • **For LPCH transplant, hematology, oncology or immunocompromised patients** o divide volume equally into aerobic and anaerobic bottles
∞	If patient has multiple lumen line and is suspected to have a catheter associated blood stream infection, draw an anaerobic and aerobic blood culture for each lumen.
‡	1% of the total blood volume is the maximum blood volume that can be drawn from a patient for each blood culture draw