

# RECOMMENDATION FOR VENOUS BLOOD SAMPLING

provided by the  
**EFLM Working Group: Preanalytical Phase (WG-PRE)**

## PRE-SAMPLING

Patient position should be unchanged for 15 minutes.  
Positively identify the patient.  
Verify patient is fasting and properly prepared.

## SAMPLING (Vacuum-System)



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| <ol style="list-style-type: none"> <li>1 Ensure appropriate conditions and supplies required for phlebotomy</li> <li>2 Label and/or identify tubes</li> <li>3 Clean hands in front of the patient</li> <li>4 Put on gloves</li> <li>5 Assemble appliances</li> <li>6 Apply tourniquet</li> <li>7 Select venepuncture site</li> <li>8 Clean sampling site</li> <li>9 Puncture the vein</li> <li>10 Draw first tube</li> <li>11 Release the tourniquet as soon as the blood flows into the first tube</li> </ol> | <ol style="list-style-type: none"> <li>12 Gently invert the tubes 1 time immediately after collection</li> <li>13 Draw additional tubes following order of draw</li> <li>14 Remove needle from the vein</li> <li>15 Activate safety mechanism</li> <li>16 Dispose of the needle</li> <li>17 Ensure the bleeding has topped</li> <li>18 Treat the puncture wound</li> <li>19 Tell a patient to apply a pressure on the wound</li> <li>20 Invert all tubes 4 times</li> <li>21 Remove gloves</li> <li>22 Clean hands</li> </ol> |
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## POST-SAMPLING

Advise patient to rest for 5 minutes and wait until the bleeding has stopped before leaving the blood collection facility.