

CLAIMS

We claim:

1. An adapter, comprising:
a distal end, comprising a distal connector configured to couple to a catheter assembly;
a proximal end, comprising a proximal connector configured to couple to a blood collection device; and
a fluid pathway disposed between the distal end and the proximal end, wherein the fluid pathway includes a non-linear portion.
2. The adapter of claim 1, wherein the non-linear portion forms a coil shape.
3. The adapter of claim 1, wherein the non-linear portion forms an S-shape.
4. The adapter of claim 1, wherein the distal connector comprises a male luer threaded connector.
5. The adapter of claim 1, wherein the distal connector comprises a male luer slip connector.
6. The adapter of claim 1, wherein the distal connector comprises a blunt cannula.
7. The adapter of claim 1, wherein the proximal connector comprises a female luer connector.
8. The adapter of claim 1, wherein the non-linear portion extends through a tube.
9. The adapter of claim 8, further comprising a lumen extending through the distal end and the proximal end, wherein the tube is disposed within the lumen.
10. The adapter of claim 9, further comprising a middle portion disposed between the distal end and the proximal end, wherein the middle portion surrounds the tube.
11. A blood collection set, comprising:

a blood collection device; and

an adapter, comprising:

a distal end, comprising a distal connector configured to couple to a catheter assembly;

a proximal end coupled to a blood collection device; and

a fluid pathway disposed between the distal end and the proximal end, wherein the fluid pathway includes a non-linear portion.

12. The adapter of claim 1, wherein the blood collection device comprises a syringe.
13. The adapter of claim 1, wherein the blood collection device comprises a needle configured to pierce a seal of an evacuated blood collection tube.
14. The adapter of claim 13, wherein the blood collection device further comprises a cylindrical holder extending around the needle.
15. The adapter of claim 1, wherein the non-linear portion forms a coil shape.
16. The adapter of claim 1, wherein the non-linear portion forms an S-shape.
17. The adapter of claim 1, wherein the distal connector comprises a male luer threaded connector.
18. The adapter of claim 1, wherein the distal connector comprises a male luer slip connector.
19. The adapter of claim 1, wherein the distal connector comprises a blunt cannula.
20. The adapter of claim 1, wherein the proximal end comprises a proximal connector, wherein the proximal connector comprises a female luer connector.