Claims

1. A peripheral intravenous catheter (211) comprising:

a catheter adapter (210) having a catheter (211) that extends distally from the catheter adapter;

and

an introducer needle (221) that

inserts through the catheter, the introducer needle (221) having a grip component (220) at a proximal end of the introducer needle (221), the grip component (220) extending outwardly and distally to form a first winged grip (212) adjacent the catheter adapter (210) when the introducer needle (221) is inserted within the catheter

the catheter adapter (210) includes a second winged grip (222) that extends outwardly from the catheter adapter, wherein the grip component (220) is rotatable within the catheter adapter, characterised in that

an outer surface of the catheter adapter (210) includes a first protrusion (401a) and a second protrusion (401b) configured to limit rotation of the grip component (220) within the catheter adapter.

2. The peripheral intravenous catheter of claim 1, wherein the grip component (220) secures the introducer needle (221) to the catheter adapter.

3. The peripheral intravenous catheter (211) of claim1, wherein in response to the second winged grip (222) being rotated away from the first winged grip (212) , the first protrusion (401a) contacts a bottom surface of the first winged grip (212) stopping rotation, wherein in response to the second winged grip (222) being rotated towards the first winged grip (212), the second protrusion (401b) contacts a top surface of the first winged grip (212) stopping rotation

4. The peripheral intravenous catheter (211) of claim 1, wherein in the first protrusion (401a) and the second protrusion (401b) are configured to contact the first winged grip to limit rotation of the grip component to 90 degrees (211) .

5. The peripheral intravenous catheter (211) of claim 1, wherein the grip component contacts the first protrusion (401a) when the grip component

and the second winged grip (222) of the catheter (211) adaper are 180 degrees apart.

6. The peripheral intravenous catheter (211) of claim 1, wherein the grip component (220) includes a vent for venting gasses from a lumen of the introducer needle (221) .

7. The peripheral intravenous catheter (211) of claim 1, wherein the catheter adapter (210) includes a blood-control feature for preventing blood from flowing proximally through the catheter adapter.

8. The peripheral intravenous catheter (211) of claim 1, wherein the catheter adapter (210) is colored based on a gauge of the catheter (211).

9. The peripheral intravenous catheter (211) of claim 1, wherein the introducer needle (221) includes a needle shield for shielding a tip of the introducer needle (221).

10. The peripheral intravenous catheter of claim 1, wherein in response to the second winged grip (222) being rotated away from the first winged grip, the first protrusion (401a) contacts the bottom surface of the first winged grip stopping rotation once the first and second winged grips (222) are 180 degrees apart, wherein in response to the second winged grip (222) being rotated towards the first winged grip, the second protrusion (401b) contacts the top surface of the first winged grip stopping rotation once the first and second winged grips (222) are 90 degrees apart.

11. The peripheral intravenous catheter of claim 1, wherein the first winged grip extends distally along the introducer needle (221) such that the first winged grip extends alongside the catheter adapter when the introducer needle (221) is secured to the catheter adapter.