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(54) Title: CATHETER HAVING DEDICATED BLOOD COLLECTION PORT AND RELATED METHODS

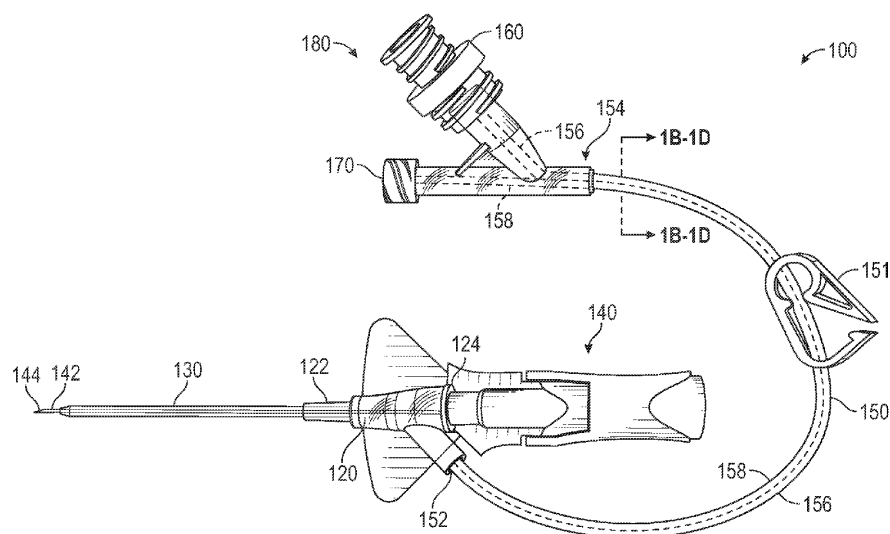


FIG. 1A

(57) **Abstract:** A catheter assembly may include a catheter adapter having a distal end comprising an intravenous catheter, a proximal end configured to receive a needle assembly, and an interior lumen extending therebetween. The catheter assembly may include an extension tube, which may include a first lumen and a second lumen. The first and second lumens may be in fluid communication with the interior lumen at first end of the extension tube, a second end of the extension tube having an infusion port in fluid communication with the first lumen, and a blood collection port in fluid communication with the second lumen. An extension set for a catheter assembly may include a first lumen coupled to an infusion port and a second lumen coupled to a blood collection port. The second lumen may include a flow resistance that is optimized to reduce hemolysis during blood collection.

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