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FIG. 14

(57) Abstract: A system for adjusting instrumentation during a vascular interventional procedure includes a flexible shaft having a lumen for passing a flexible extending element therethrough, and a removable instrument hub releasably attachable to the flexible shaft. The hub may include a hub element with grasping feature(s) and an opening for passing the extending element therethrough, and a tubular member extending from a distal end of the hub element. The system may include mating feature(s) arranged on the proximal end of the flexible shaft and/or a distal end of the tubular member, the mating feature(s) configured to frictionally mate with an interior surface of the other of the flexible shaft or tubular member, such that, upon insertion of the mating feature(s), the hub is releasably coupled to the flexible shaft and the tubular member is in fluid communication with the flexible shaft.



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