[0082] Figure 10 illustrates an open second lumen 210 including a via 1005. In this embodiment, the grip 215 includes an arm 1010 that extends through the via 1005 and attaches to the hub 265 of the patency device (not shown). The arm 1010 may form, in an embodiment, a portion of a monolithically-formed grip 215 that includes, as a single piece, the patency device, the hub 265 of the patency device, the arm 1010, and the grip 215 as illustrated in Figure 10.

[0083] The grip 215 and the rigid multi-lumen extension system 200 may have a general shape of an oval when viewed on the section view as shown in Figure 10. However, the present description contemplates that other shapes and forms of the hub 265 and the rigid multi-lumen extension system 200 may be formed.

[0084] Figure 11 is a side elevation, section view of a rigid multi-lumen extension system 200 according to an embodiment of the present disclosure. The rigid multi-lumen extension system 200 in this embodiment includes a grip 215 that surrounds a length of the rigid multi-lumen extension system 200. In the embodiment of Figure 11, the rigid multi-lumen extension system 200 includes a first lumen 205 and a second lumen 210. The first lumen 205 may be formed along the entire length of the rigid multi-lumen extension system 200 from a proximal end of the rigid multi-lumen extension system 200 to a distal end of the rigid multi-lumen extension system 200 where, in an embodiment, the first lumen 205 is fluidically coupled to an IV device via, for example, a male connector as described herein.

[0085] Figure 11 illustrates an open second lumen 210 including a via 1105 ~~205~~. In this embodiment, the grip 215 includes an arm 1110 that extends through the via 1105 and attaches to the hub 265 of the patency device (not shown). The arm 1110 may form, in an embodiment, a portion of a monolithically-formed grip 215 that includes, as a single piece, the patency device, the hub 265 of the patency device, the arm 1110, and the grip 215 as illustrated in Figure 11.