CLAIMS

1. A ported catheter assembly, comprising:

a catheter hub having a distal end, an interior cavity, and a proximal end;

a port extending from the catheter hub and communicating with the interior cavity of the catheter hub; and

a catheter extending from the distal end of the catheter hub;

wherein the port is radially offset from the catheter hub, such that a central axis of the port and a central axis of the interior cavity of the catheter hub do not intersect and are offset from each other.

2. The ported catheter assembly of claim 1, wherein the central axis of the port is substantially parallel to a plane perpendicular to the central axis of the interior cavity of the catheter hub.

3. The ported catheter assembly of any preceding claim, wherein a pair of wings extend from the catheter hub.

4. The ported catheter assembly of any preceding claim, further comprising a port cap assembly, wherein the port cap assembly comprises a ring and a sealing top connected to the ring by a hinge, the ring is rotatably fixed to the port, and the port cap assembly is rotatable from an open position to a closed position.

5. The ported catheter assembly of claim 4, wherein the port has a track defined circumferentially around a portion of the port, a protruding tab extends from an inner diameter of the ring and engages with the track, and the track limits the rotation of the port cap assembly by how far the track extends around the port.

6. The ported catheter assembly of either of claims 4 or 5, wherein a notch is further formed on the port, and the sealing top has a chamfered protruding ring to engage with the notch to cover the port in a closed position; in the open position, the chamfered protruding ring is not engaged with the notch.