



- 1) Vaginal anchor: Serves to orient placement and secure device. Placement inside vaginal orifice ensures proper placement of device opening around urinary meatus
- 2) Collection opening: encircles urinary meatus and receives expelled urine. Note: illustration is preliminary; final device will include soft, malleable cuff in any number of appropriate materials such as medical grade sponge, silicone, etc...to ensure comfortable seal that can adapt to different anatomies
- 3) Upper collection chamber lined with hydrophobic material to repel first pass of contaminated urine
- 4) Internal mechanism sequesters first 20 ml of contaminated urine, then redirects remaining flow upward
- 5) Clean urine exits portal into collection tube
- 6) Collection vessel can be visualized by carers and removed when sample is present