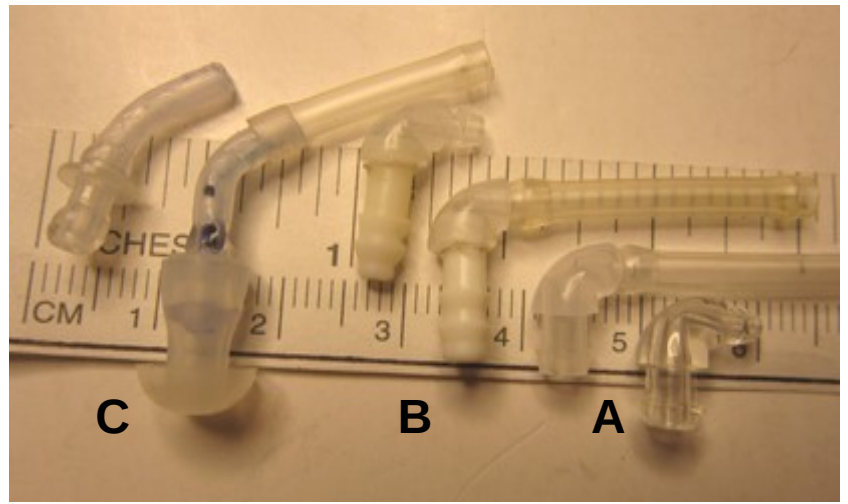


Why do my hearing aid domes fall out?

As noted in my post of Nov. 14 (as illustrated with CustomElbowsLR.pdf), domes would not stay put when using the typical large tube right angle elbows (A,B). I made some custom elbows with an angle of about 55 degrees (C). Retention was much improved, but not perfect.

The problem seems to be completely resolved after making custom elbows with a complex "S" shape. This positions the dome for more direct entry into the ear canal. The bend near the dome bumps against a portion of the outer ear (assisting retention). The other bend provides the correct angle for mating with the tube.



These elbows were made from empty plastic ball point pen inserts. The "flare" or "barp" for retaining the dome was made with ultra-violet cured super-glue. A small plastic washer was also glued in place as a seat for the dome (to prevent the dome from sliding up the elbow when inserted in the ear).

From other posts, it is evident that everyone's ears are different. So, what works for me, may not work for you.