Catheter Cradle Design Notes

Catheter Dimensions

Shaft Diameter – 24.5 mm to 26.3 mm varies)

Shaft Length (not including knob) – 143mm

Knob Small Diameter – 13mm

Knob Large Diameter - ~27mm

Post Knob catheter connection – 12.5mm

Servo Connector - Hexagon with six arms

each arm is 15mm diameter

each arm is 2.5mm thick (make this slightly narrower, maybe like 2mm)

Distance between servo connections, center to center – 33mm

Auris Sheath Height of center of sheath relative to base – 16mm

Measurements Needed:

Servo Connector Height

Servo Connector diameter of inner circle, i.e. how far do the arms protrude?

Platform length/width

Catheter Length = 1155.7 mm (45.5 inches)

Sheath Length = 698.5 (27.5 inches)