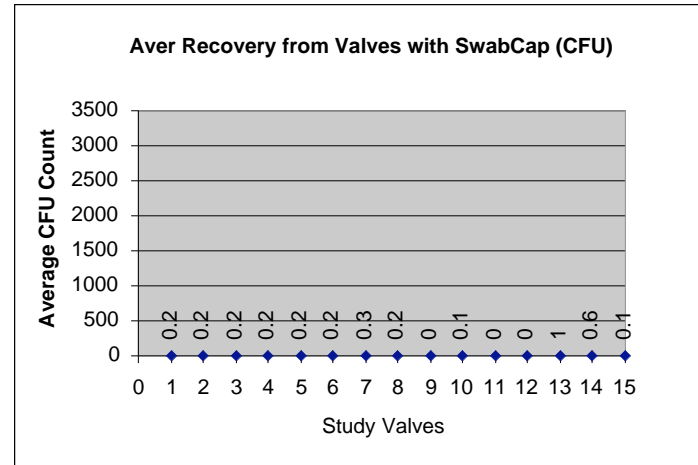
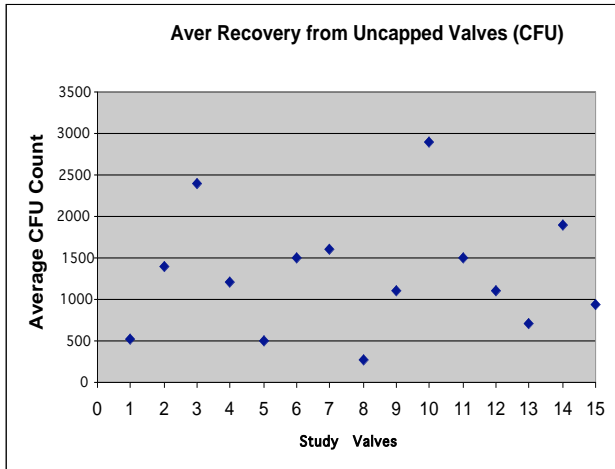


# Aerosol Testing Experiment For Excelsior Medical Corp – SwabCap™ Luer Access Valve Disinfection Cap

- Prior to aerosol challenge, SwabCap valves were over-torqued by 2 full turns and allowed to sit for 7 days to simulate worst case scenario of the disinfectant drying out and a worst case fit onto the valve.

## Aerosol Preparation

- Nine mLs of saline were inoculated with an appropriate amount of Bacillus atrophaeus (Ba) spore suspension to achieve a final concentration of  $1.0 \times 10^7$  CFU/mL.
- After aerosol challenge, fans were allowed to run for 30 – 35 minutes. After this time, the fans were shut off and the chamber was allowed to stay stationary for an additional 30 minutes.
- Results of the study are below



Average CFU counts were calculated from 12 different samples per valve



Study Valves	
1	Vygon Bionector
2	Hospira CLC2000
3	Halkey Roberts (CoPoly)
4	Halkey Roberts (PolyCarb)
5	B.Bruan Ultrasite
6	Amsino AMSafe
7	Medegen Maximus
8	Baxter ClearLink
9	Alaris Smartsite Plus
10	Hospira Clave
11	Alaris Smartsite
12	Rymed Invision
13	BD Q-Syte
14	Hospira MicroClave
15	BD PosiFlow

Data on file at Excelsior Medical