**FACS Aria System Startup and Shutdown**

**Start Up the System:**

1) Turn Computer On

2) Turn Machine On (green switch)

3) Launch Software (DIVA)

a. Login

b. password

4) Wait for the software to connect to the computer about 60sec (If you need to redo, close software, turn off machine, wait 10-15 sec, repeat steps 2-4).

5) Say “Keep Current Setting” when asked.

6) Check Sheath Fluid and Waste Levels.

7) Turn On stream (Right hand panel). Optimize breakoff.

8) Stream starts at 70lb pressure

9) Remove Closed Loop nozzle with the 70 micron nozzle. Click “Sweet Spot”

**Shut Down the System:**

1) Turn off stream

2) Remove nozzle

3) Insert closed loop nozzle

4) Place a tube of BD Clean in sample holder

5) In “Cytometer” pull-down menu at top of window, open “Cleaning Modes” folder and launch “Clean Flow Cell” program. Do 2X.

6) Place a tube of DI water in sample holder

7) In “Cytometer” pull-down menu at top of window, open “Cleaning Modes” folder and launch “Clean Flow Cell” program. Do 2X.

8) Shut down software (BD FACS Diva software)

**\*\*\*\*STOP HERE IF ANOTHER USER IS SCHEDULED\*\*\*\***

9) Push power button on FACS machine to turn off the instrument

10) Pull ring on sheath tank to release pressure