Appendix 1: Data Collection Sheet Sample

Compass Central Line Worksheet

Date: ____/____/_____   Site _____   Investigator Initials_____

CATHETER INFORMATION

Kit Manufacturer: ☐ Arrow   ☐ Cook   ☐ Bard   ☐ Other: _____

Gauge of introducer needle/angiocatheter:_____   Guidewire size: _____

French Size of Catheter: _____   # of Lumens: ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5

Insertion Site: ☐ Jugular   ☐ Subclavian   ☐ Femoral   ☐ Other _____

Side of Body: ☐ Left   ☐ Right

Clinical Setting: ☐ Elective   ☐ Emergent

Location: ☐ OR   ☐ ED   ☐ ICU   ☐ Procedure Rm.   ☐ Other _____

Was operator a trainee?   ☐ Yes   ☐ No

CLINICAL INFORMATION (IF AVAILABLE)

Age: _____   ☐ Male   ☐ Female

Arterial Blood pressure: _____/_____ O_2 Sat: _____

ASA Status: ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 6   Height: _____ (cm)

Weight:_____ (Kg)

ULTRASOUND USE

Used to identify anatomy: ☐ Yes   ☐ No

Used live during procedure: ☐ Yes   ☐ No

If live: Used to visualize needle in vein   ☐ Yes   ☐ No

Used to visualize wire in vein   ☐ Yes   ☐ No

Type of technique used (can check both)   ☐ Short Axis   ☐ Long Axis

COMPASS DEVICE USE

Pressure reading when vessel entered?   ☐ Yes   ☐ No

If yes, pressure: _____ mm Hg

Guidewire inserted through Compass port?   ☐ Yes   ☐ No

If yes, pressure: _____ mm Hg

Satisfaction with Compass:

1: Completely Dissatisfied   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 6   ☐ 7   ☐ 8   ☐ 9   ☐ 10

5: Indifferent   ☹   ☺   ☺

10: Completely Satisfied

What could be improved?   _____

_____

If not using the Compass,   ☐ measure pressure waveform with transducer

I would normally: ☐ measure pressure with tube manometer

☐ not measure pressure

PROCEDURE DETAILS

Number of needle sticks: _____   Number of wire passes: _____   Number of wires used: _____

If entry site changed secondary to   First Site: _____   ☐ N/A

problems placing needle or wire: Second Site: _____

Arterial Puncture: ☐ Yes   ☐ No

If puncture, select any that apply: ☐ Identified by blood color

☐ Identified by pulsatility

☐ Identified by Compass pressure reading

Arterial Cannulation: ☐ Yes (explain)   ☐ No

_____

Other Complications: ☐ Yes (explain)   ☐ No

_____