

OPTIMUS A3: IABP
CLINICIANS TRANSFORM YOUR PATIENTS THERAPY
TO ACHIEVE OPTIMAL OUTCOMES TODAY

SKILLS CHECKLIST OPTIMUS A3 IABP

Name: _____

Instructor: _____ Date: _____

| SKILL | OBSERVED | COMPLETED with Assistance | COMPLETED without Assistance |
|---|----------------|---------------------------------|------------------------------------|
| AutoPilot™ Mode: <i>Initial Set-Up</i> | | | |
| 1. Establish Power | | | |
| a. Plug Power Cord to Wall Outlet | _____ | _____ | _____ |
| b. Press Power On Switch | _____ | _____ | _____ |
| 2. Connect Patient ECG | | | |
| a. Skin Cable | _____ _____ | _____ _____ | _____ _____ |
| 3. Connect Arterial Pressure | | | |
| a. Transducer Cable | _____ _____ | _____ _____ | _____ _____ |
| 4. Connect Fiber Optic | | | |
| a. Calibration Key | _____ | _____ | _____ |
| b. Fiber Optic Sensor | _____ | _____ | _____ |
| 5. Connect IAB Catheter | _____ | _____ | _____ |
| 6. Verify Trigger Acceptance | | | |
| a. Assist Marker | _____ | _____ | _____ |
| b. Flashing Heart and Heart Rate | _____ | _____ | _____ |
| 7. Initiate Pumping | _____ | _____ | _____ |

FUNCTIONS AVAILABLE IN AutoPilot™ or Operator Mode

Assess Patient Response:

| | | | |
|--|-------|-------|-------|
| 1. Assess Diastolic Augmentation | _____ | _____ | _____ |
| 2. Change Assist Ratio (Defaults to 1:1) | | | |
| a. 1:2 | _____ | _____ | _____ |
| b. 1:4 | _____ | _____ | _____ |
| c. 1:8 | _____ | _____ | _____ |

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| | | Assistance | Assistance |
|-----------------------|-------|------------|------------|
| 3. Assess Pressures | | | |
| a. Unassisted (White) | _____ | _____ | _____ |
| b. Assisted | _____ | _____ | _____ |

| | | | |
|-----------------------------|-------|-------|-------|
| 4. Arrhythmia Timing ON/OFF | _____ | _____ | _____ |
|-----------------------------|-------|-------|-------|

Arterial Pressure:

| | | | |
|-----------------------------|-------|-------|-------|
| 1. Change Source | | | |
| a. Fiber Optic (WAVE™ only) | _____ | _____ | _____ |
| b. Direct Transducer | _____ | _____ | _____ |
| c. Monitor Transducer | _____ | _____ | _____ |
| 2. Zero Transducer | _____ | _____ | _____ |

| | | | |
|---|-------|-------|-------|
| 3. Adjust Arterial Scales Manually (Optional) | _____ | _____ | _____ |
|---|-------|-------|-------|

Alarms:

| | | | |
|---|-------|-------|-------|
| 1. Verify Alarms ON | | | |
| 2. Adjust alarm limits | | | |
| 3. Interpret/mute | _____ | _____ | _____ |
| Blue | | | |
| Yellow | | | |
| Red | | | |
| 4. Obtain more information function/use | | | |
| 5. Standby function/use | _____ | _____ | _____ |

Recorder:

| | | | |
|------------------------------|-------|-------|-------|
| 1. Record Timing Strip | _____ | _____ | _____ |
| 2. Change Waveforms Printed | _____ | _____ | _____ |
| 3. Print alarm history | | | |
| 4. Print hemodynamics report | _____ | _____ | _____ |
| 5. Change Recorder Paper | _____ | _____ | _____ |
| 6. Change Date and Time | _____ | _____ | _____ |

Helium:

| | | | |
|------------------------------------|--|--|--|
| 1. Assess Volume of Helium in Tank | | | |
|------------------------------------|--|--|--|

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(on Screen/in 'status')

2. Change helium tank

3. Verify Balloon Size (On Screen)

4. Change Balloon Volume

5. Assess Balloon Pressure Waveform
Characteristics

Condensation Bottle:

(Check bottle and empty as necessary)

Initiate Battery Operation:

SCREEN:

1. Lock/unlock screen
2. Hard key functions
3. 'Curser' Keys
4. Zero

OPERATOR MODE:

1. Select ECG Source
 - a. Skin Leads
 - 1) Change Leads
 - 2) Adjust Gain

2. Select Arterial Pressure Source
 - a. Direct Transducer
 - b. FIBRE

3. Select Trigger Mode
 - a. ECG
 - 1) Pattern
 - 2) Peak
 - 3) A-Fib
 - 4) V-Pace
 - 5) A-Pace

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- b. AP
- c. Internal

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

- 4. Timing
 - a. Assess Inflation and Deflation
 - b. Adjust as necessary

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |