Sensis FFR with St. Jude Medical PressureWire Aeris
Quick Guide
Sensis FFR with St. Jude Medical PressureWire Aeris

- The FFR feature must be preconfigured on the Sensis hemodynamic system by Siemens applications.
- The Aortic pressure (Proximal pressure - Pa) is configured for (Channel A),
- PressureWire Aeris (Distal pressure - Pd) is configured for (Channel D) on the tablesde mounted Hemomed Pod.

1. Select the FFR hemodynamic mode, either Setup or Workflow support.

2. Connect the St. Jude PressureWire Receiver to (Channel D) on the tablesde mounted Hemomed Pod.

3. Press quickly on the center Connect Button to activate Receiver.

4. Push the Sliding Button forward to zero PressureWire Aeris and connect with Receiver.

If necessary the PressureWire Aeris can be balanced at this time on the Sensis hemodynamic system. (Pressure Balance should be performed with the pressure guide wire outside the body and remain in the spiral dispenser per manufacture recommendation).

5. Insert the PressureWire Aeris into the guide catheter, and positioned just outside the distal end of the guiding catheter.

6. Click the “Equalize Pd, Pa” (Icon located at bottom of Sensis screen)

7. Click “Accept” in the open Equalize dialog box. NOTE: both Pa and Pd pressures should be the same.

8. Advance the Pressure guide wire distal to the target lesion, per manufacture recommendation.

9. Induce hyperemia per protocol.
10. Click the “START FFR”, Icon located at bottom of the Sensis screen to start an elapsed timer and begin recording both the mean Pa pressure value, and the mean Pd pressure value.

11. Click the “STOP FFR”, Icon located at the bottom of the Sensis screen, at the end of induced hyperemia.

The Sensis will display the measured FFR result and stop the elapsed timer.

12. You can accept the result with clicking “OK”, this will create an FFR event stored in the Sensis database.

13. Or you can press, “Cancel” and then manually adjust (Click and Drag) the vertical FFR marker line located on the screen. Resulting in a new FFR result.

All measured FFR parameters and waveform events are stored in the Sensis database and can be printed out in a report.
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