



Use of TRANSPAC® with pResure (-R) Option for Animal Research

Directions for use of Sorenson™ TRANSPAC® from Abbott Critical Care Systems
in conjunction with Transonic Flowmeters with pResure (-R) Option for ANIMAL RESEARCH.

I) TRANSPAC Set Up

- A) Connect the 4-meter cable from the transducer to the rear panel modular phone jack of a pResure Option equipped Transonic flowmeter.
 - 1) This requires cutting away the TRANSPAC connector's cup-like protector.
 - 2) Keep the connection dry. If using an extension cable, try to retain the protector.
- B) Assemble tubing set as desired (Fig. 1, on reverse side)
 - 1) Catheter to transducer Luer connector
 - a) Use an IV extension set
 - b) Include a 3-way stopcock with side port for venting and calibration
 - 2) Opposite side of transducer to stopcock/flush device, as desired

II) TRANSPAC Set Up

- A) Fill the lines with solution and flush air from the lines using heparinized saline.
- B) Take care to be sure that no air is trapped in the transducer or connectors.
- C) Keep the catheter/tubing open with a constant, slow supply of heparinized saline or by manual flushes, as required.

III) TRANSPAC Set Up

- A) Connect the flowmeter to the computer via the RS322 port.
- B) Start the WinDaq Data Acquisition software and turn on the flowmeter.
- C) Select the proper channel for the pressure transducer.
- D) Apply a known pressure to the transducer
 - 1) Turn the venting stopcock so that the transducer is connected to the animal.
 - 2) Open the side port of the stopcock to atmosphere for "Zero" pressure reading.
Use WinDaq's low calibration to establish the zero point
 - 3) Apply a known pressure (as from a mercury sphygmomanometer)
Use WinDaq's high calibration to calibrate this higher point

IV) Connect to Subject

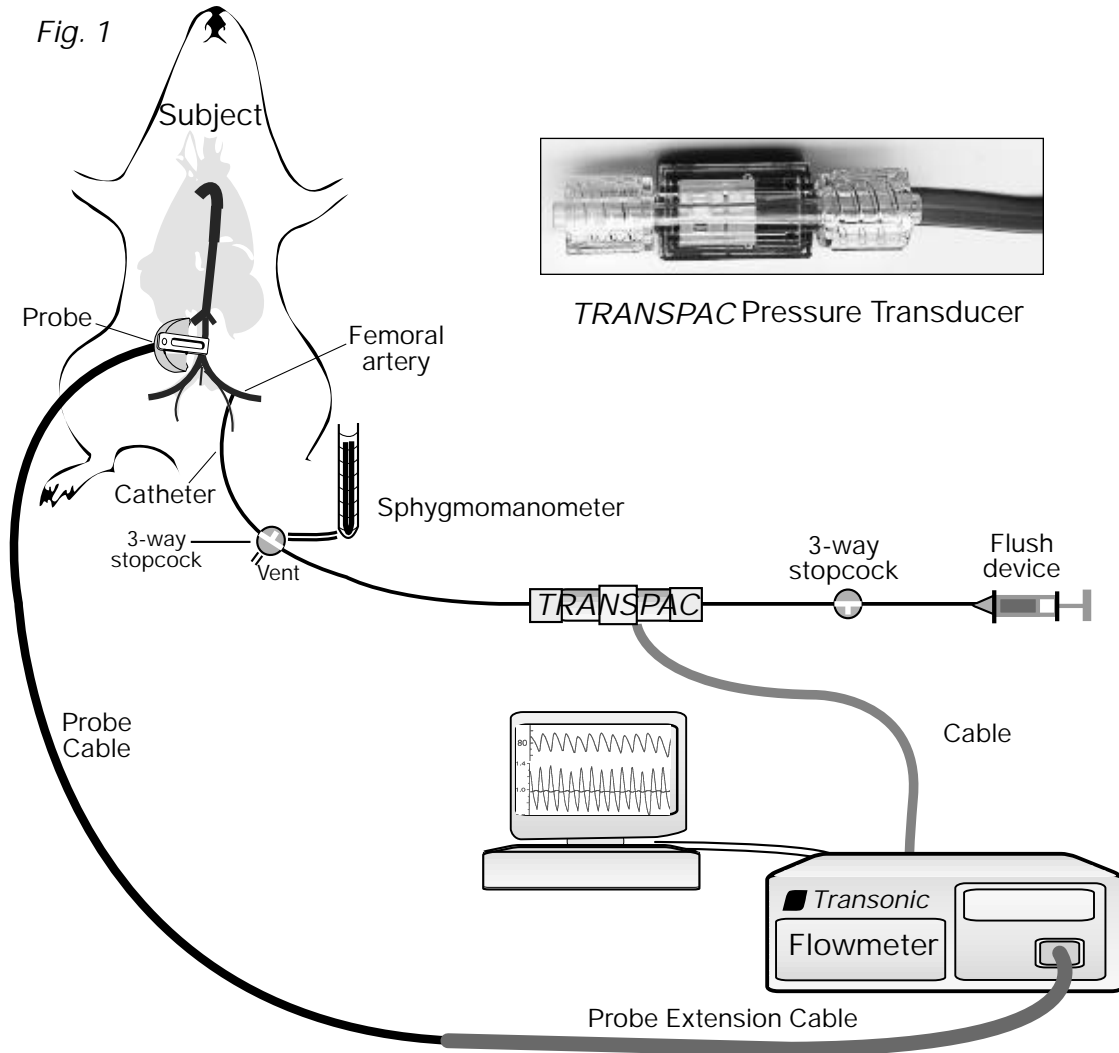
- A) Pressurize the solution source or active infusion pump for continuous flush setups
- B) **Use Caution so as not to introduce air.**

V) For Animal Use Only

- A) The Transonic pResure Option is for Animal Research Use Only.
- B) The Sorenson™ TRANSPAC® from Abbott Critical Care Systems is sold as a single use clinical item.



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