

Faster signal acquisition, faster interpretation of rate and rhythm changes, and faster time to therapy.

Monitor ECG and IBP simultaneously at multiple devices.

ECG can be slaved easily from one devices analog output to the ECG patient (cable) input of another device. Cables for IBP and ECG *from* a Multi Parameter Patient Monitor to your Balloon Pump are readily available.

Invasive blood pressure (IBP) signal transfer to Multi Parameter Patient Monitors is more complex.

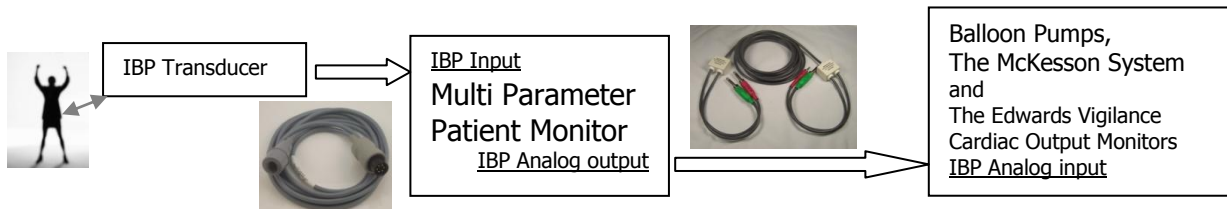
We occasionally get requests for cables to connect the analog IBP 1 volt output signal *from* the balloon pump *to* the IBP transducer input of specified Multi Parameter Patient Monitors. While it would be nice if this could allow for viewing and recording of combined data while using only the Balloon Pump IBP transducer, it won't work unless you have a MAQUET CS300 Balloon Pump.



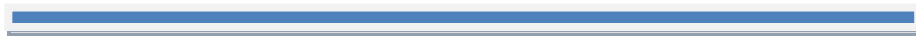
The problem is that most Multi Parameter Patient Monitors only have an IBP **transducer** input, but not a one volt **analog** IBP input.

Multi parameter Patient Monitor IBP inputs provide an excitation voltage *and* look for the differential caused by the diaphragm of the transducer moving in response to the "pulse" of the blood in the catheter.

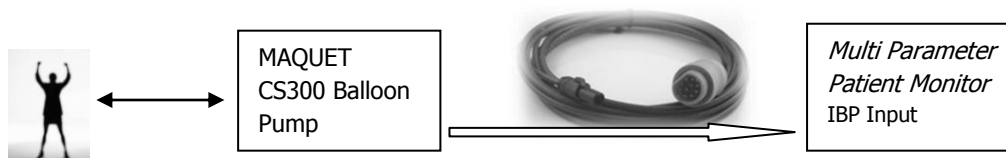
This in turn creates the IBP wave form that appears on that monitor and also creates an analog IBP output signal for remote display on select devices.



Examples of devices that offer **analog IBP inputs** are Balloon Pumps, Edwards Vigilance Cardiac Output Monitors or the McKesson System. MAGUIRE Enterprises, Inc. offers a full line of ECG/IBP interconnect cables for those connections.



The MAQUET model CS300 balloon pump has an (low level) IBP output which gets its data from their fiber- optic balloon and allows for a signal that is "readable" by the Multi Parameter Patient Monitors IBP input (where a transducer is normally connected). MAGUIRE Enterprises, Inc. (designed in cooperation with MAQUET), offers a line of cables (our 180 series) that allow this signal to be viewed via the IBP transducer input on most Multi Parameter Patient Monitors.



www.MaguireEnterprises.com 1-800-548-9686

Check out our web site or call us for personal attention