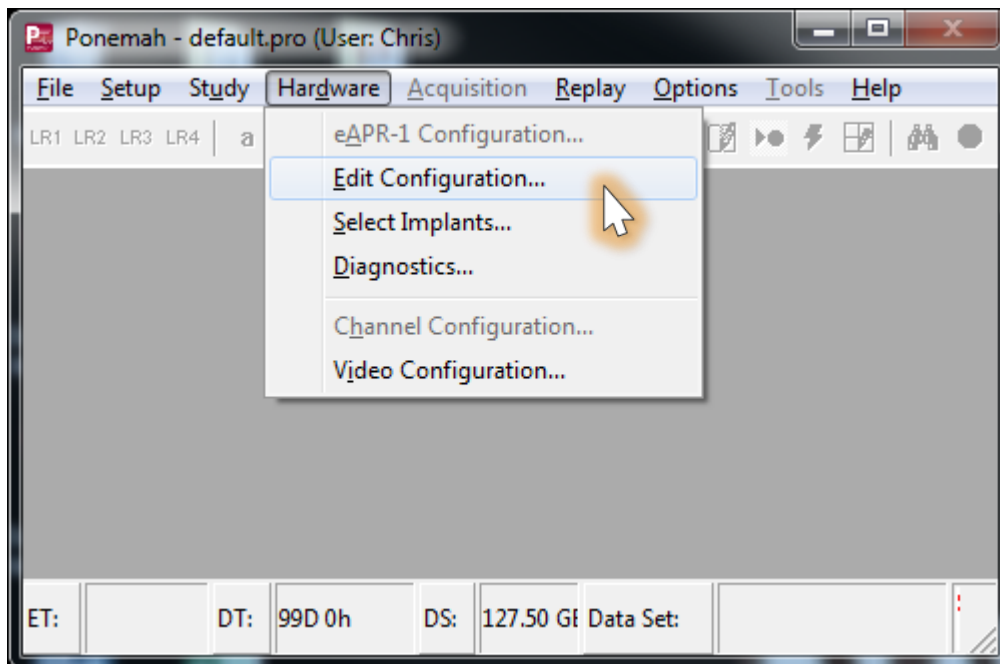


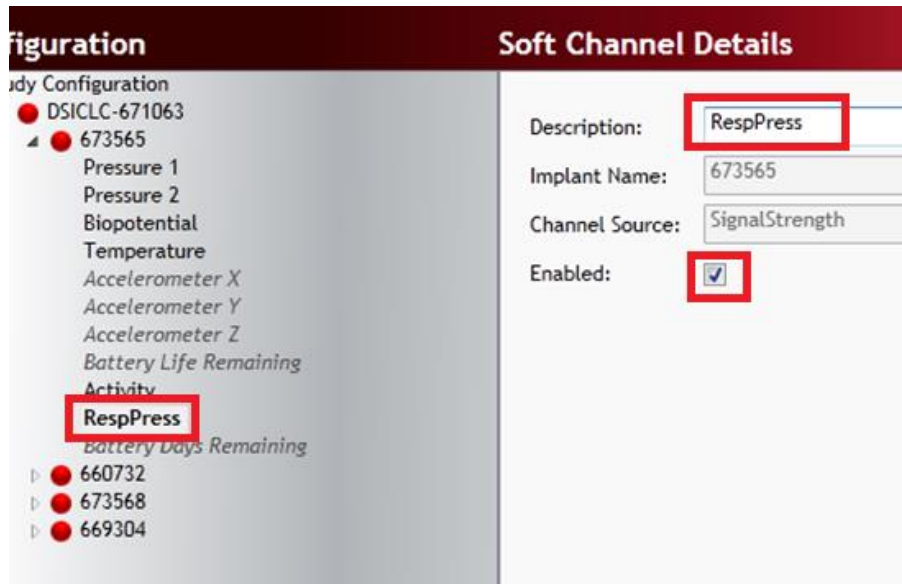
CONFIGURING A PHYSIOTEL DIGITAL IMPLANT FOR BPR ANALYSIS IN PONEMAH V5.20

The following steps explain how to enable a soft channel for a PhysioTel™ Digital implant in order for it to be used with Ponemah's BPR analysis module to determine respiration from blood pressure.

1. With the CLC connected to the system, launch **Ponemah v5.20**.
2. Select **Hardware | Hardware | Edit Configuration...**



3. Configure the PhysioTel Digital implants using the *Configure Sources* wizard.
4. From the list view on the left, expand the implant of interest to display its channels.
5. Select **Signal Strength** from the list of channels.
Note: Signal Strength will be configured for use with BPR and will no longer be able to be used to collect the Signal Strength waveform.
6. Click the checkbox associated with **Enabled**.
7. Change the *Description* field to **RespPress**.



8. **Repeat** this process for each implant that will use the BPR analysis module.
9. Click **Save & Exit** when done.
10. Configure the protocol as normal.

- Channel Input Setup

Input	Analysis	Label	Units
1 - (673565 - Pressure 1)	LVP	LVP	mmHg
2 - (673565 - Pressure 2)	BP	Pressure	mmHg
3 - (673565 - Biopotential)	ECG	ECG	mV
4 - (673565 - Temperature)	TEMP	Temp	Celsius
5 - (673565 - Activity)	ACT	Activity	Counts
6 - (673565 - RespPress)	BPR	Resp Pres	mmHg
7 - (660732 - Pressure 1)	BPR	VP	mmHg
8 - (660732 - Pressure 2)	CBF	ressure	mmHg
9 - (660732 - Biopotential)	CVOL	CG	mV
10 - (660732 - Temperature)	CYS	emp	Celsius
11 - (660732 - Activity)	DIS	ctivity	Counts
	ECG		
	ECGRO		
	EMG		

An extra channel should appear in Ponemah’s **Channel Input Setup** for each implant. Configure this channel to use the **BPR** analysis module, and configure the *Labels* and *Units* accordingly.

Note: If using **Auto Configure Protocol** function to automatically define protocol settings, Ponemah will setup the Respiration channel as **Signal Strength** using the **RAW** analysis module. Simply change the analysis module to **BPR**, then adjust the *Labels* and *Units* accordingly.