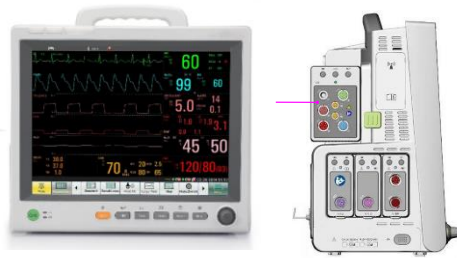
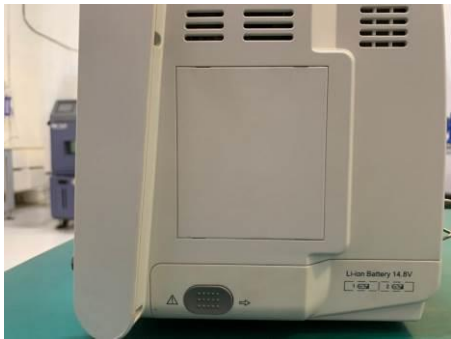
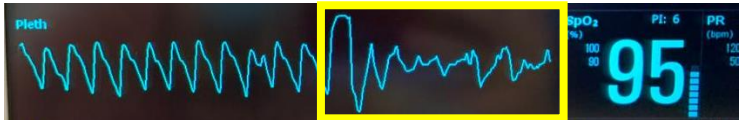




## PM Pro 1 List of Problems and Suggested Improvement



No.	Problems	Solution or Suggestion
1.	<p>There are <b>Record</b> and <b>Print</b> menu on PM Pro 1, which serves different functionality. <b>Record</b> is used for monitoring results using internal printer mounted on PM Pro 1, while <b>Print</b> menu is used to print monitoring parameter (i.e. trend table) using external printer. For user, this could be confusing as <b>Record</b> has double meaning as to saving (recording) monitoring data, whilst its true purpose is to print.</p>	<p>Changing the term <b>Record</b> and/or <b>Print</b> to avoid confusing the user. For example, use <b>Print Record</b> instead of <b>Record</b> for printing using internal printer and use <b>Print Externally</b> instead of <b>Record</b> for printing externally.</p>
2.	<p>PM Pro 1 isn't equipped with <i>printer</i> or internal recorder. Also, when the user press <b>Record</b> button (both on screen or via shortcut button on the front panel), the monitor doesn't prompt "<i>Recorder Setup Needed</i>" as it should per Manual Book reference.</p> 	<p>If possible, please install the recorder for PM Pro 1.</p> <p>Adding "<i>Recorder Setup Needed</i>" when the user press <b>Record</b> button on a monitor which hasn't been equipped with internal recorder/printer.</p>
3.	<p>SpO<sub>2</sub> waveform readings are a little too sensitive with finger movement as seen from the Figure below. On the left part of the waveform is normal waveform and following that (inside yellow box) is the disturbance caused by minimum finger movement. This affects SpO<sub>2</sub> value and pulse rate reading.</p> 	<p>If possible, baseline removal type of filter algorithm can be added to further smoothing the waveform signal. If not, it is should be emphasized that patient has to be in steady condition while taking SpO<sub>2</sub> measurement.</p>

No.	Problems	Solution or Suggestion
4.	Some of the menu display and product casing is still generic.	If it is possible, please add Elitech logo both on outer casing and menu display to give a sense of product identity.
5.	<p><b>Wave Num.</b> parameter on display setup menu is quite not intuitive and prone to user misinterpretation. In the manual book, it is explained that <b>Wave Num.</b> are the maximum displayed waveform. On the other hand, it doesn't represent the number of waveform being showed, but the number of row section displayed. For example, when the <b>Wave Num.</b> is set to 2, the monitor doesn't display any waveform (the monitor displays one waveform with NIBP Review Table set to OFF), but have two (2) row section as seen on Figure below. While when the <b>Wave Num.</b> is set to 3, the monitor only displays one waveform (with NIBP Review Table set to ON; the monitor displays two waveform if NIBP Review Table set to OFF) and have 3 row section as seen on Figure below.</p> <div data-bbox="381 991 898 1371" data-label="Image"> </div> <p style="text-align: center;"><b>Wave Num. Setup = 2</b></p> <div data-bbox="381 1438 898 1831" data-label="Image"> </div> <p style="text-align: center;"><b>Wave Num. Setup = 3</b></p>	If possible, the <b>Wave Num.</b> nomenclature can be changed to <b>Section Row Number</b> or something similar that better represent the display setting.

No.	Problems	Solution or Suggestion
6.	PM Pro 1 accessories kit we'd received didn't include grounding cable.	Please add appropriate grounding cable for PM Pro 1 model.
7.	<p>When PM Pro 2 is connected to PM Pro 1 as modular monitor, it loses its control and yet the display is still turned on.</p> 	To conserve energy usage, it is best to turn off PM Pro 2's display after several elapsed time.
8.	<p>When using XM module connected to PM Pro 1, its temperature probe is very hard to unplug. Maybe this is isolated events specific to our sample unit, but it requires strength to unplug the temperature probe which is not practical for day-to-day usage.</p> 	Maybe the port shape and size need to be a little adjusted, or wear and tear during usage will solve this problem eventually.