




PM Pro 3 List of Problems and Suggested Improvement



No.	Problems	Solution or Sugestion
1.	<p>There are Record and Print menu on PM Pro 3, which serves different functionality. Record is used for monitoring results using internal printer mounted on PM Pro 3, while Print menu is used to print monitoring parameter (i.e. trend table) using external printer. For user, this could be confusing as Record has double meaning as to saving (recording) monitoring data, whilst its true purpose is to print.</p>	<p>Changing the term Record and/or Print to avoid confusing the user. For example, use Print Record instead of Record for printing using internal printer and use Print Externally instead of Record for printing externally.</p>
2.	<p>PM Pro 3 isn't equipped with <i>printer</i> or internal recorder. When the user press Record 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 3.</p> <p>Adding "<i>Recorder Setup Needed</i>" when the user press Record button on a monitor which hasn't been equipped with internal recorder/printer.</p>
3.	<p>SpO₂ 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 SpO₂ 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 SpO₂ measurement.</p>

No.	Problems	Solution or Sugestion
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>Wave Num. parameter on display setup menu is quite not intuitive and prone to user misinterpretation. In the manual book, it is explained that Wave Num. 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 Wave Num. 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 Wave Num. 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="383 993 899 1371" data-label="Image"> </div> <p style="text-align: center;">Wave Num. Setup = 2</p> <div data-bbox="383 1438 899 1833" data-label="Image"> </div> <p style="text-align: center;">Wave Num. Setup = 3</p>	If possible, the Wave Num. nomenclature can be changed to Section Row Number or something similar that better represent the display setting.

No.	Problems	Solution or Sugestion
6.	<p>PM Pro 3 has two (2) battery slot as shown in Figure below. We want to improve PM Pro 3 battery life by adding one (1) more battery.</p> 	<p>Please add battery pack with following specification to PM Pro 3 accessories kit.</p> <p>14.8V Lithium-ion rechargeable battery with 5,000 mAh with part number 01.21.064143.</p>