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Information regarding interference on Transit Time Flow Measurements (TTFM)

To whom it may concern,

The TTFM on MiraQ and VeriQ systems are precision measurements and can therefore be adversely affected by external electromagnetic interference (EMI). EMI can manifest as a spiky and unstable flow curve that makes measurements difficult to interpret.

Sources of EMI can either be equipment that has malfunctioned and is emitting more noise than appropriate, or equipment that is designed to emit signals but not necessarily be used in a hospital environment. Examples of equipment that is designed to emit signals that may cause EMI on the Medistim systems are communication devices (pagers, walkie-talkies) or other devices with radio transmitters. Malfunctions that cause EMI may occur on all types of powered equipment and can be difficult to detect.

The Medistim systems are designed and tested according to the applicable international, and regional, standards. These standards have requirements to how sensitive a device can be towards EMI and the Medistim devices meets these requirements.

If a device experiences EMI, the course of action should be to identify the source of the disturbance and removing this. If the source is not identifiable the incident should be reported to your local Medistim representative and they will aid accordingly.

Yours sincerely,



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