Appendix-B
Frequently Asked Questions:

MARAA
Dedicated to promoting superior pain control for those in harm’s way.
Appendix-B

FAQs

• What is the ambIT® MARAA PCA Pump, and what is it used for?
  – An infusion device for the controlled delivery of intravenous (IV) narcotics for patient controlled pain management.
    • Preset programs:
      – Multiple bolus amounts, adjustable lockout times.
      – Option for medical staff to program own parameters.
    • Patient controlled boluses
      – Lockout times vary by program (safety mechanism).
      – Easily identifiable, ergonomic bolus button.

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Appendix-B

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• How does the ambIT® MARAA PCA Pump function?
  – Delivers medication using a semicontinuous method
    • A pulse of fluid (carrying narcotics) will be pumped at regular intervals depending on the selected flow rate.

• How, and by whom are the settings programmed?
  – Programmed by any licensed, credentialed, medical provider.
  – Once the program has been selected and/or programmed, the unit CAN be electronically locked.
  – After confirming infusion has started, the pump AND narcotic reservoir MUST be placed in the protective casing and LOCKED.

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Appendix-B

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• Can the settings be changed after the pump has been locked?
  – Yes. At anytime, credentialed medical providers may electronically unlock the pump to change pump settings without opening the lockbox.

• Can any narcotic be used in the pump?
  – This PCA pump was specifically designed for use with morphine sulfate (1 mg/mL).
  – However, the ability to use other narcotics is built into this pump for future applicability.

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Appendix-B

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• Can the pump be turned ON and OFF?
  – Yes. The pump may be turned ON and OFF during its use. The programmed settings will remain the same even after the unit has been turned OFF.

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Appendix-B

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• How will I know when the pump is empty?
  – A 2-beep warning alarm will occur every 4 minutes.
  – In addition, the volume icon will blink continuously in the LED display (see example).
  – For safety reasons, the pump will then automatically revert to “keep vein open” (KVO) status (0.5 mL/hr) unless the preset infusion rate is LOWER than the KVA rate.

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Appendix-B
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• Does the ambIT® MARAA PCA Pump make any noise?
  – During standard operation, no noise is made unless the bolus button is depressed or a basal rate has been chosen.
  – NOTE: The pump will beep for certain preset alarm conditions (i.e. occlusion alarm).
  – ALSO: Any button pressed will evoke a beep.
Appendix-B

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• What should I do with the pump when it is empty?
  – A new reservoir bag can be prepared and placed in the protective locked case.
  – If the patient no longer needs the PCA pump it can be discarded per protocol.

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Appendix-B
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• How do I know the pump is functioning?
  – The bolus button will blink green every two seconds.
  – AND, the volume infusion will be displayed in the LCD window.

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Appendix-B
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• How do I verify if a bolus is being given?
  – The green bolus light will blink twice.
  – The **bolus icon** will appear on the LED display.
  – The whirring of the cassette will be audible.