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SYNOPSIS

**Doc: MHD 17(13251) IS/ISO/IEEE 11073-10424:2016 Health informatics - Personal health device communication - Part 10424: Device Specialization - Sleep Apnoea Breathing Therapy Equipment (SABTE)**

**a) Scope:**

This standard establishes a normative definition of the communication between sleep apnoea breathing therapy equipment and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for sleep apnoea breathing therapy equipment. In this context, sleep apnoea breathing therapy equipment are defined as devices that are intended to alleviate the symptoms of a patient who suffers from sleep apnoea by delivering a therapeutic breathing pressure to the patient. Sleep apnoea breathing therapy equipment are primarily used in the home health-care environment by a lay operator without direct professional supervision.

**b) Salient Features of content**

This standard addresses a need for an openly defined, independent standard for controlling information exchange to and from personal health devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, and set top boxes). Interoperability is key to growing the potential market for these devices and to enabling people to be better informed participants in the management of their health.

**c) Type/grades/classes, if any covered in the standard: Nil.**

**d) Disclaimer (to be automatically provided by the program/ software)**

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