ment (i.e., medical apparatuses) appropriate for use in the home setting by a patient, family members and/or a licensed home caregiver.

[0018] The kit **100** may contain an integrated array of what is typically standalone equipment. The kit **100** may be sized to be about the size of a mid-sized travel suitcase as is typically used in air travel as a carry-on. The kit **100** has handles **102** and wheels **104** for ease of transport home by the patient (refer again to FIG. **1**). As shown in FIG. **3**, the kit **100** includes various compartments **115**, **116**, **118**, **120**, **122**, **124**, **126**. The kit **100** also includes a user interface **114**, e.g., a tablet. The kit **100** may include housing portions **108**, **110** that are pivotable along a pivot (e.g., hinge) **112**.

[0019] The kit includes a tablet **114** that may be a central control unit or may have a separate central control unit embedded within a housing portion **108**, **110**. The central control unit may incorporate a user interface, likely a touch screen graphical user interface, a cellular modem or other connectivity platform, Blue-tooth or other technology short-range interface radio(s). All of the medical apparatus found in the kit **100** may be pre-paired to the central control unit (e.g., tablet **114**). Various medical apparatuses may be included within the kit **100**, including, but not limited to, a weight scale, a pulse oximeter, a blood pressure meter, a thermometer, a blood glucose meter, a bioimpedance meter, and/or a spirometer. The tablet **114** may be pre-paired to all of the apparatuses over Bluetooth (e.g., Bluetooth LE).

[0020] The central control unit may provide a means for the kit to stream time-sequence data from the home directly into the electronic medical record. In some embodiments, the tablet **114** user interface provides "how-to" video support on demand, prompts users to perform care activities (such as changing dressings and taking medications), and serves as a channel for two-way communication between the patient and the licensed caregiver (telemedicine).

[0021] The medical apparatuses in the kit **100** may be an integrated platform. The kit **100** may limit the number of user interfaces the patient must learn by tight integration. By integrating the home care environment in the kit **100**, the patient, in some embodiments, only needs to know how to use the tablet **114** and follow instructions provided on the tablet's **114** user interface based on the scenario at hand (e.g. taking a blood sugar reading when it is required).

[0022] The doors on the compartments various compartments **115**, **116**, **118**, **120**, **122**, **124**, **126** may open automatically. The doors may be transparent such that internal illumination can indicate to a user which compartment of the compartments various compartments **115**, **116**, **118**, **120**, **122**, **124**, **126** to open. In some embodiments, the doors of the compartments various compartments **115**, **116**, **118**, **120**, **122**, **124**, **126** are side illuminated.

[0023] In some embodiments, a power supply within the kit can power the medical apparatuses. The power supply may be connected to an AC outlet to provide inductive energy to the medical apparatus therein (or may power the devices directly through a wired connection). The power supply may include or be connected to a battery.

[0024] The tablet **114** or a central control unit may communicate data to a cloud server, which is accessible by a hospital, patient, and/or physician to retrieve data from a medical apparatus of any part of the kit **100**.

[0025] In some embodiments, the kit includes an internal communications component, which may be an access point or hotspot for the tablet **114** and/or the medical apparatuses. The tablet **114** may be an access point or hotspot for the medical apparatuses and/or the communications components. The communication component and/or tablet **114** may include a secure link (e.g., encrypted and/or HIPPA compliant link) and/or an unsecured link.

[0026] In some embodiments, an environmental monitor component is disposed within the kit **100**, which can monitor least one of temperature, humidity, location, vibration, shocks, and atmospheric pressure and communicate the measured parameter(s) to a cloud sever.

[0027] In some embodiments, an RFID reader is disposed within the kit **100**. The RFID reader may communicate with the tablet **114** and/or the internal communications component. The RFID may be used to read RFID tags on the medical devices for inventory control purposes and/or to read RFID sensor values. An antenna may be in each compartment **115**, **116**, **118**, **120**, **122**, **124**, **126** such that the RFID reader can determine which of the compartments **115**, **116**, **118**, **120**, **122**, **124**, **126** the tag is located within. The RFID reader may determine when supplies are low and communicate that data to the tablet **114** (or internal communications device) which then orders new supplies.

[0028] In some embodiments, access control of the kit **100** may be implemented, including fingerprint, password, voice, or other access control. In yet additional embodiments, an audible and/or visual alarm system may be included within the kit **100** which can alarm if an external signal from the cloud is received, an excessive number of failed access attempts have been initiated, and/or the tablet **114** determines that the alarm should be sounded (e.g., the kit **100** is taken outside of a specific geographic position, also referred to as a virtual fence determined by a geolocation module).

[0029] In some embodiments, the compartment will be illuminated to show the user which compartment should be used. The tablet **114** may automatically illuminate the next compartment when it determines that the medical apparatus has made its measurement to help the patient continue in the proper sequence of operation.

[0030] FIG. **4** shows an open portable kit **100** with an open compartment **115** having several physiological measuring devices in accordance with an embodiment of the present disclosure. Shown in the compartment **115** are a pulse oximeter, a thermometer, an EKG, and a blood pressure cuff.

[0031] FIG. **5** shows an open portable kit **100** to a compartment **116** having a pill dispenser in accordance with an embodiment of the present disclosure. A physician may dispense a prescription that is received by the tablet **114** which in turn allows the pill dispenser to dispense a pill. The oral medicine dispensing device may be inserted into the kit **100** by a pharmacy where appropriately limited quantities of prescribed medications are included therewithin. The dispensing rules of the oral medicine dispensing device **116** can be set (and changed) by a clinician through the central control unit remotely (e.g., the tablet **114**).

[0032] FIG. **6** shows an open portable kit **100** to a compartment having a mobile infusion pump (e.g., a gravity-based intravenous infusion pump) in the compartment **124**. The mobile infusion device allows the patient or home caregiver to administer appropriate fluids (e.g. antibiotics) intravenously.

[0033] FIG. **7** shows an open portable kit **100** to the compartment **126** having an oxygen tank. FIG. **8** shows an open portable kit **100** to a compartment **120** having an