

**CLAIMS:**

1. ~~A portable therapeutic platform for use in a therapeutic procedure and comprising:~~
  - (a) ~~at least one compartment for holding at least one therapeutically effective item required to conduct the therapeutic procedure; and~~
  - (b) ~~at least one electronic communications device for receiving and transmitting information about an environment surrounding and including the platform.~~
2. ~~The platform of claim 1, wherein the platform comprises a procedural pack for use in a therapeutic procedure including administration of a medicament or vaccine, optionally by injection in single or multiple episodes, and comprises a container for holding a plurality of items required to conduct the therapeutic procedure; and a plurality of compartments located within the container, each compartment corresponding with an individual item required for the therapeutic procedure and including a compartment for accommodating the at least one medicament or vaccine.~~
3. ~~The platform of claim 2, wherein the plurality of items includes a prefilled syringe containing a vaccine.~~
4. ~~The platform of claim 2 or 3, wherein said electronic communications device provides for tracking of the procedural pack.~~
5. ~~The platform of claim 4, wherein said electronic communications device includes an RFID chip and antenna, said RFID chip having a unique identification code.~~
6. ~~The platform of any one of the preceding claims, wherein said plurality of compartments of the container is configured to accommodate only a prescribed set of items required to conduct said therapeutic procedure.~~
7. ~~The platform of claim 6, wherein for a given therapeutic procedure, each compartment of the container is configured with a unique form matching the required items for the therapeutic procedure.~~
18. A method~~system~~ for managing the use of a portable therapeutic platforms for a therapeutic procedure comprising the steps of:

(a) providing a plurality of therapeutic procedural packs, each therapeutic procedural pack comprising at least one vaccine or medicament and at least one further therapeutically effective item required to conduct the therapeutic procedure including the administration of the vaccine or medicament to a patient and an electronic communications device having a unique identification code for receiving and transmitting information about an environment surrounding and including each pack—at least one platform comprising at least one compartment for holding at least one therapeutically effective item required to conduct the therapeutic procedure and an electronic communications device for receiving and transmitting information about an environment surrounding and including the platform;

(b) transferring information about the environment surrounding and including each therapeutic procedural pack at least one platform between the electronic communications device of each therapeutic procedural pack and a computer system including a processor capable of processing which processes said information in real time; and

(c) initiating a control response to said processed information transferred from said plurality of therapeutic procedural packs when said information is processed by the processor, wherein said electronic communications device of each therapeutic procedural pack communicates with the computer system so that information is communicated between each therapeutic procedural pack and the processor of the computer system; and

wherein said processed information enables control over manufacture of therapeutic procedural packs and deployment of therapeutic procedural packs to different geographic segments; and

wherein said computer system is configured to initiate said automated control response by modifying a step in a therapeutic procedural pack manufacturing process so that said therapeutic procedural packs include therapeutically effective items as determined by said computer system.

2. The method of claim 1, wherein each said therapeutic procedural pack allows administration of a medicament or a vaccine to a patient by injection in single or multiple episodes, and comprises a plurality of compartments for holding a group of therapeutically effective items consisting of a vial of a vaccine and an injector, comprising, from manufacture through to administration of the medicament or vaccine to a patient;

tracking information from an electronic communications device for each said therapeutic procedural pack; and

tracking information from a further at least one electronic communications device for the group of therapeutically effective items.

3. The method of claim 1 or 2, wherein said information includes information about the use of the pack including information from sensors detecting when, how and where the items contained within the pack are used.

9. ~~The system of claim 8, wherein said electronic communications device communicates with the computer system through a wireless communications network so that information and/or instructions are communicated between the platform and the computer system.~~
10. ~~The system of claim 8 or 9, wherein said platform comprises a therapeutic procedural pack and said information includes information about the use of the pack, optionally including information from sensors detecting when, how and/or where the items contained within the pack are used or sensors indicating that the pack should be used.~~
411. The ~~method~~system of any one of claims ~~18~~ to ~~310~~, wherein the computer system receives multiple informational inputs from each of said plurality of multiple therapeutic procedural packs showing how, when and where the packs are used.
12. ~~The system of any one of claims 8 to 11, wherein said information is processed by the processor to enable statistical process control and greater precision over the response to a biosecurity threat or other public health crisis through deployment of therapeutic packs, said statistical process control optionally being supplemented by use of machine learning techniques by processing of information by the processor to improve the efficacy of deployment of therapeutic packs while minimising costs of such deployment or non-deployment.~~
13. ~~The system of any one of claims 8 to 12, wherein the pack includes at least one analytic device which allows analysis of items included within the pack or analysis of the environment surrounding and including the pack, said analytic device optionally testing diluents, injectables or pharmaceutical compositions to check that such are safe for administration in terms of chemical composition and dosage; or determining whether a viral threat exists and whether a further therapeutic pack of modified configuration is to be deployed in a control response to counter the viral threat.~~
514. The ~~method~~system of any one of claims ~~18~~ to ~~413~~, wherein ~~said an~~ electronic communications device includes a device forming part of a passive or active RFID system, at least one RFID chip and antenna being included within a therapeutic procedural pack, optionally an RFID tracking device, is used for at least one of tracking and, at an earlier stage, for authentication of an item and/or ensuring that the correct prescribed therapeutically effective item is placed within a compartment of a therapeutic procedural pack during a manufacturing process.
15. ~~The system of claim 14, wherein tracking data is used as a basis for statistical process control over the manufacture, deployment and use of the therapeutic procedural packs.~~
6. The method of claim 5, wherein tampering with a therapeutic procedural pack is detected by said RFID system.

7. The method of any one of claims 1 to 6, wherein the platform includes at least one analytic device which allows analysis of items included within the pack or analysis of the environment surrounding and including the pack.
8. The method of claim 7, wherein the analytic device tests diluents, injectables or pharmaceutical compositions to check that such are safe for administration in terms of chemical composition and dosage.
9. A method for managing the use of portable therapeutic platforms for a therapeutic procedure comprising the steps of:
  - (a) providing a plurality of therapeutic procedural packs, each therapeutic procedural pack comprising a therapeutically effective item required to conduct the therapeutic procedure and an electronic communications device having a unique identification code for receiving and transmitting information about an environment surrounding and including each platform;
  - (b) transferring information about the environment surrounding and including each therapeutic procedural pack between the electronic communications device of each therapeutic procedural pack and a computer system including a processor capable of processing said information in real time; and
  - (c) initiating an automated control response to said information transferred from said plurality of therapeutic procedural packs when said information is processed by the processor,

wherein said electronic communications device of each therapeutic procedural pack communicates with the computer system so that information is communicated between each therapeutic procedural pack and the processor of the computer system; and

wherein said processed information enables control over manufacture of therapeutic procedural packs and deployment of therapeutic procedural packs to different geographic segments; and

wherein said computer system is configured to initiate said automated control response by modifying a step in a therapeutic procedural pack manufacturing process so that said therapeutic procedural packs include therapeutically effective items as determined by the computer system.
10. The method of claim 9, wherein said therapeutically effective item includes a medicament for treatment of diabetes.
11. The method of claim 10, wherein said medicament is insulin.