

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.
8. A system for managing the use of a portable therapeutic platform for a therapeutic procedure comprising the steps of:

- (a) providing 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 at least one platform between the electronic communications device and a computer system including a processor which processes said information; and
 - (c) initiating a control response to said processed information.
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.
11. The system of any one of claims 8 to 10, wherein the computer system receives multiple informational inputs from 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.

14. The system of any one of claims 8 to 13, wherein an electronic communications device, 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.