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sure, one of ordinary skill in the art will appreciate that a variety of number of wound sites could be feed by the fluid flow controller 120. As mentioned above, the conduits 150 connected to wound sites 102 could be feed beneath clothing, incorporated into the material of the clothing, or run above the clothing worn by an individual or mannequin.

In at least one embodiment, the system will include multiple pairs of reservoirs and pumps to supply a common manifold. Having multiple reservoirs allows for the individual reservoirs to be smaller and more easily placed on a participant and hidden from trainees. In further embodiments, the smaller reservoir with a pump will be located proximate to the wound site.

It will be understood that each block of the block diagrams and combinations of those blocks can be implemented by means for performing the illustrated function.

The exemplary and alternative embodiments described above may be combined in a variety of ways with each other. Furthermore, the steps and number of the various steps illustrated in the figures may be adjusted from that shown.

It should be noted that the present invention may, however, be embodied in many different forms and should not be construed as limited to the embodiments set forth herein; rather, the embodiments set forth herein are provided so that the disclosure will be thorough and complete, and will fully convey the scope of the invention to those skilled in the art. The accompanying drawings illustrate exemplary embodiments of the invention.

Although the present invention has been described in terms of particular exemplary and alternative embodiments, it is not limited to those embodiments. Alternative embodiments, examples, and modifications which would still be encompassed by the invention may be made by those skilled in the art, particularly in light of the foregoing teachings.

Those skilled in the art will appreciate that various adaptations and modifications of the exemplary and alternative embodiments described above can be configured without departing from the scope and spirit of the invention. Therefore, it is to be understood that, within the scope of the appended claims, the invention may be practiced other than as specifically described herein.

The invention claimed is:

1. A trauma training system for replicating at least one hemorrhage, said system comprising:
 - a collapsible reservoir capable of storing fluid,
 - a pump in fluid communication with said reservoir, said pump is in a cavity of said reservoir,
 - at least one valve in fluid communication with said pump,
 - a controller connected to at least one of said pump and said at least one valve, and
 - a body suit, a backpack, a bag, or an enclosure housing said reservoir, said pump, said at least one valve, and said controller.
2. The trauma training system according to claim 1, further comprising at least one wound site detachably in fluid communication with said valve, wherein fluid is provided to said wound site to simulate a hemorrhage.
3. The trauma training system according to claim 2, wherein said at least one wound site includes:
 - a first wound site conduit connected to said valve,
 - a first wound site connected to said first wound site conduit,
 - a second wound site conduit connected to said valve, and
 - a second wound site connected to said second wound site conduit.
4. The trauma training system according to claim 2, wherein said at least one valve includes a solenoid electrically connected to said controller.

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5. The trauma training system according to claim 2, wherein said controller is selected from a group consisting of a switch, a dial, a button, and a circuit.

6. The trauma training system according to claim 2, further comprising:

- a manifold connected to said at least one valve,
- a second of said at least one valve connected to said manifold,
- a first wound site conduit connected to said second valve and one of said at least one wound site,
- a third of said at least one valves connected to said manifold, and
- a second wound site conduit connected to said third valve and a second of said at least one wound site.

7. The trauma training system according to claim 6, wherein said controller further includes a check valve in at least one of said first and second wound site conduits.

8. The trauma training system according to claim 7, further comprising:

- a back flow system, wherein said back flow system includes:
 - a branch connector connected to said pump,
 - a back flow conduit connected to said branch connector,
 - a check valve present in said back flow conduit, and
 - a back flow container connected to said back flow conduit; and
- a wound site conduit connecting said branch connector to said at least one wound site.

9. The trauma training system according to claim 8, further comprising:

- a branch connector fluidly connected to said reservoir having one branch forming a flow path with said at least one wound site and a second branch; and
- a refill conduit connected to said second branch, said refill conduit having a connector for connection to an external fluid source.

10. The trauma training system according to claim 9, wherein said controller is a programmable controller.

11. The trauma training system according to claim 9, further comprising a remote control for controlling the operation of said controller.

12. The trauma training system according to claim 2, further comprising:

- a manifold connected to said at least one valve,
- a plurality of conduits connected to said manifold for connection to a wound site, and
- wherein said controller includes a programmable controller in communication with at least one of said pump, said valve, and said manifold, wherein said programmable controller controls the delivery of fluid to each of said wound site.

13. The trauma training system according to claim 2, further comprising:

- a manifold connected to said at least one valve,
- a plurality of conduits connected to said manifold, each conduit having a connector at its free end, said connector includes a seal,
- at least one wound site detachably connected to said valve, and
- each of said at least one wound site includes a conduit with a connector configured to engage a connector of a conduit connected to said manifold.

14. The trauma training system according to claim 13, wherein at least one of said wound sites is present on the outside of said body suit.