**CLAIMS**:

1. An educational toy comprising:

an article made up of a front, sculptured member to resemble a life-form or an organ and a rear member, so that the front and rear members are shaped and dimensioned to match each other and to form a 3-dimensional toy with a hollow interior;

a cylinder-plunger assembly disposed in the hollow interior of the toy;

a connector having a first end and a second end, with the connector disposed in the toy such that the first end is exposed to an exterior; and

a tube connecting a cylinder end of the cylinder-plunger assembly with the second end of the connector for leak-proof fluid communication;

wherein, when a medical component is connected to the first end of the connector, a fluid contained in the medical component, tube and cylinder-plunger assembly is confined in a leak-proof chamber and is operated to simulate infusing the fluid or withdrawing the fluid in a medical treatment or procedure.

2. The toy according to claim 1, wherein the life-form article has a head, a torso connected to the head, and a pair each of forelimbs and hindlimbs connected to the torso.

3. The toy according to claim 1, wherein the medical component comprises any one of the following: a syringe, an intravenous catheter, an intravenous cannular, a collection tube or container, a T-connector, an extension set, an adapter and a self-sealing plug.

4. The toy according to claim 3, wherein each medical component is fitted into a respective compartment formed in the interior face of the front, sculptured member, and the medical component is snapped fitted at one or more points.

5. The toy according to claim 3, wherein each medical component is mounted on an interior face of the rear member.

6. The toy according to claim 3, further comprising a tray disposed in the toy to hold the medical components.

7. The toy according to claim 1, wherein the cylinder-plunger assembly is a syringe.

8. The toy according to claim 7, wherein the syringe has a larger capacity than a capacity of a syringe for use to connect with the first end of the connector.

9. The toy according to claim 2, wherein the first end of the connector is exposed to an exterior and is accessed at one or more locations: an extremity of a forelimb or hindlimb, forelimb or hindlimb, torso or head, to simulate various medical treatments or procedures that are performed at one or more of these medical injection or intervention locations.

10. A method of simulating blood sample collection, the method comprising:

pushing the plunger of the cylinder-plunger assembly disposed in the toy according to claim 1; and

collecting the fluid that drips out from the first end of the connector with a collection tube.

11. A method of simulating a medical treatment or procedure, the method comprising:

connecting a syringe as the medical component to the first end of the connector according to claim 1 to simulate infusing or withdrawing a liquid.

12. A method of simulating a medical treatment or procedure, the method comprising:

connecting an intravenous cannular to a syringe and connecting the intravenous cannular to the first end of the connector according to claim 1 to simulate injecting a vaccine or medicament, withdrawing a blood sample or draining a fluid.

13. A method of simulating a medical treatment or procedure, the method comprising:

connecting an intravenous cannular as the medical component to the first end of the connector according to claim 1 to simulate infusing or feeding from a drip bag.

14. A method of simulating a medical treatment or procedure, the method comprising:

connecting a self-sealing plug as the medical component to the first end of the connector according to claim 1 to demonstrate procedure for repeated injection.

15. A method of simulating a medical treatment or procedure, the method comprising:

connecting an extension set to the first end of the connector according to claim 1 and supplying air through the extension set, with the first end of the connector located at a nose location to simulate feeding, assisted breathing or treatment to the lungs.