We claim:

1. A drug delivery device comprising:

a disposable housing having an interior surface defining an interior space, and an exterior surface;

a needle having a retracted state wherein the needle is withdrawn inside of the interior space and a deployed state wherein a pointed end of the needle projects beyond the exterior surface of the housing;

an injector coupled to the needle to move the needle between the retracted and deployed states;

a reservoir disposed within the interior space, the reservoir configured to receive a volume of a drug and to be in fluid communication with the needle; and

a controller coupled to the injector and the reservoir, the controller being configured to actuate the injector to move the needle from the retracted state to the deployed state only once, and to actuate the reservoir to deliver the volume of the drug to the patient as a single bolus after a preselected time period has elapsed after initiation of action of the controller, the controller disposed within the interior space and configured prior to being disposed within the interior space,

wherein the delivery device is wearable, disposable, and single-use.

2. The delivery device according to claim 1, further comprising a volume of an erythropoiesis stimulating agent disposed in the reservoir.

3. The delivery device according to claim 1, further comprising a volume of a granulocyte colony-stimulating factor disposed in the reservoir.

4. The delivery device according to claim 1, further comprising a volume of a TNF blocker disposed in the reservoir.

20. The delivery device according to any one of the preceding claims, comprising a fill port in fluid communication with the reservoir, the fill port having an inlet disposed on the exterior surface of the housing.

21. A kit comprising a delivery device according to any one of the preceding claims, in combination with a syringe.

22. A method of operation of a wearable, disposable, single-use drug delivery device, the method comprising:

automatically injecting a pointed end of a needle from an interior space defined in a housing of the delivery device into the patient to define an injection site only once according to a controller contained within the interior space; and

automatically actuating a reservoir to deliver a volume of a drug to the patient through the injection site as a single bolus after a preselected time period has elapsed after initiation of action of the controller according to the controller contained within the interior space.

23. The method according to claim 22, wherein the drug comprises an erythropoiesis stimulating agent.

24. The method according to claim 22, wherein the drug comprises a granulocyte colony-stimulating factor.

25. The method according to claim 22, wherein the drug comprises a TNF blocker.

26. The method according to claim 22, wherein the drug comprises a pegylated granulocyte colony-stimulating factor.