What is claimed:

1. A syringe stand for supporting a syringe including a barrel having an outlet and a plunger received in an end of the barrel opposite the outlet, the syringe stand comprising:

a base for supporting the syringe stand on a horizontal support surface; and

a holder for securing the syringe to the syringe stand, the holder being attachable to the base and selectively positionable relative to the base to orient the syringe in at least two different positions, wherein the holder comprises a receptacle configured to receive at least a portion of the barrel and plunger of the syringe; and

a guide assembly configured to guide movement of the plunger in the receptacle, the guide assembly comprising at least one rail and a slide moveable along the rail, the slide being engagable by the plunger to move along the rail to guide the movement of the plunger in the receptacle.

2. The syringe stand of claim 1, wherein the holder is positionable in a first position where the syringe is oriented in a generally vertical orientation such that a longitudinal axis of the syringe is generally parallel to a vertical axis and the outlet of the syringe faces upward, and a second position where the syringe is oriented generally horizontal such that the longitudinal axis of the syringe is generally parallel to a horizontal axis.

3. The syringe stand of claim 2, wherein the holder is positionable in a third position where the longitudinal axis of the syringe is oriented at an angle with respect to the vertical and horizontal axes.

4. The syringe stand of claim 1, wherein the holder is configured to hold the barrel of the syringe in a fixed position relative to the stand.

5. The syringe stand of claim 1, further comprising a position sensor attached to the holder and configured to detect movement of the plunger with respect to the holder indicative of fluid being delivered out of the barrel.

6. The syringe stand of claim 5, wherein the position sensor comprises one of a potentiometer, a camera, a magnetic foil sensor, and a non-magnetic induction sensor.

7. The syringe stand of claim 1, wherein the base is configured to mount a flow control apparatus to the base.

8. The syringe stand of claim 7, further comprising a pass-thru connector on the base, the connector including a port and a first plug in communication with the port, the first plug being configured to connect with a port on the flow control apparatus, and the port on the base being configured to receive a second plug for connecting the second plug with the port on the flow control apparatus though the connector.

9. The syringe stand of claim 1, wherein the base includes a mount for attaching to a clamp to mount the syringe stand to a vertical support.