Jumbo Syringe Pump

Step-by-Step Photo Guide

- 50-ml Syringe
- Cycle Spoke
- Cello tape
- Rubber Disc
- Mineral Water Bottle Cap
- Marble
- Spoke
- Nuts
Make hole in centre and fix cycle spoke with two nuts.

Hole for Delivery Valve

Inside view of Piston
Take a strip of Sticky Tape and stick part of it on itself. The dark part has no glue. Stick so that dark part comes on hole.

Seal side hole

Make 8-mm clear round hole by rotating scissors point
Step-by-Step Photo Guide

1. Drop marble to sit in the hole.
2. Place bicycle spoke connecting rod.
3. Insert water outlet.
4. Install delivery valve.
5. Place piston syringe cylinder.
6. Attach suction valve.
Dip in water and move piston up and down. Large chunks of water gush out!