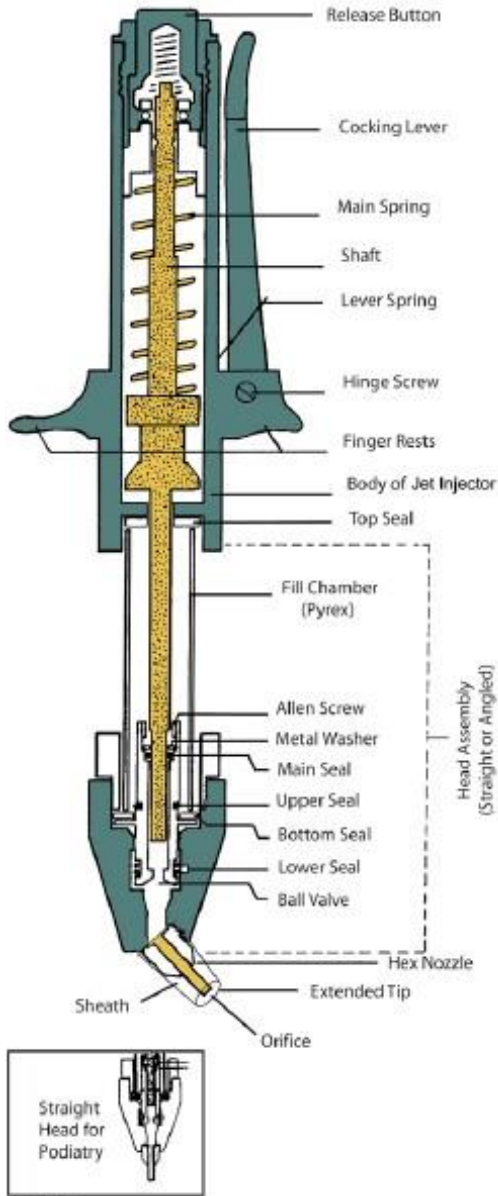


No-Needle Jet Injector

with Extended Tip



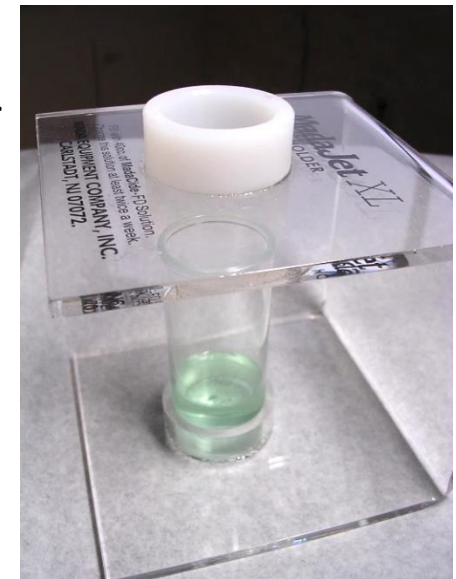
MadaJet Stands

Doug Stein, MD

Since the use of the MadaJet for vasectomy was popularized by Chic Wilson in 2001, a variety of stands have been in use. The MadaJet should be kept upright because the “top seal” between the fill chamber and the spring chamber may not be waterproof, and passage of anesthetic into the spring chamber can promote “browning” of the spring. Browning is to stainless steel as rusting is to non-stainless steel. It is a slower process, but one which nonetheless shortens the life of the spring.

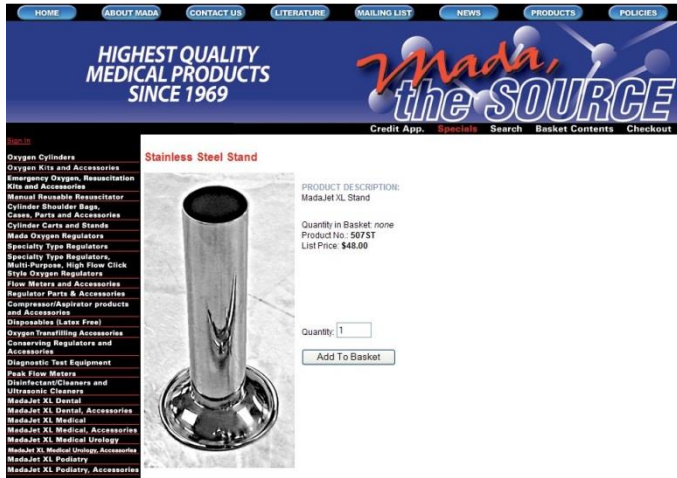
The original MadaJet stand (right) was elegant, but tended to crack after repeated exposure to MadaCide. It was also fragile, so during vasectomy forays around Florida, I used heavy ceramic coffee cups.

By the way, I add a few drops of green food coloring to each quart of MadaCide to make it more visible and easier to distinguish from alcohol.



The more conventional size coffee cup was fine for an angled-tip MadaJet, but a straight-tip MadaJet was too top-heavy in the short cup, so I began to use taller mugs. However, when using a cup, more MadaCide is needed to achieve a depth needed to immerse the tip.

To improve upon the shortfalls of the original holder, Mada developed a stand much like a graduated cylinder made of **stainless steel**.



The problem with the steel cylinder was that its **opacity** made it difficult to determine the depth of the MadaCide. One could try to see how much of the MadaJet got wet with immersion, but the depth could decrease unnoticed as the day wore on.



Another problem was that the cylinder was not always welded to the base, and **some** of my stands **would leak**. (Mada later provided another model that was welded and leak-proof.)

Thus began my search for a transparent or translucent holder of similar shape. With a little help from a search engine, my **ideal MadaJet holder** was not hard to find.



Thanks to the folks over in India, one can buy a whole box of twelve 50-ml polypropylene cylinders for a little over **\$3 per cylinder** after tax and shipping. You can cut them down with a hacksaw then smooth out the edges with a curved rasp file.



And voila! You have an unbreakable, lightweight, stable MadaJet stand wherein MadaCide depth can be easily monitored.





These holders are also excellent for thermal cautery units if you like to soak the single-use tip in MadaCide before discarding it.

Be aware that **cylinder diameters can vary**. Nick bought some through Alibaba (right) and it turned out that the diameter was too narrow to allow easy removal. That might actually be an advantage: the wire filament does not reach all the way to the bottom and therefore does not bend under the weight of the device, which is important if you like to throw away your tips with the filaments straight.

I purchased mine through **Science Lab Supplies**. The link to the 50-ml graduate is http://www.sciencelabsupplies.com/Graduated_Cylinder_Plastic_PP_50_ml_Hex_Base.html.

