Hydromer is a hydrogel material that forms a lubricious coating on our polyurethane catheters. It is biocompatible, anti-thrombogenic & has been shown to significantly reduce platelet aggregation & protein adhesion to the catheter as compared to uncoated catheters. The coating swells instantaneously upon contact with water-containing fluids, becoming very slippery. The best way to think of this is to compare it to a raincoat - the rain just slides off. This is what happens in the blood stream - the platelets slide off the catheter rather than stick to it. Hydromer coated polyurethane catheters exhibit significant anti-thrombogenic behavior in a blood environment.

Our 30 years of medical device manufacturing experience has given us the necessary experience and expertise, to design and manufacture, dependable, consistant custom catheters, and to offer you excellent technical and customer support. We will deliver what you want when you need it - all at a reasonable cost.

Samples & prototypes are always available in a timely manner & at no charge - call 847-674-7131 to get started on your design.