

tured portion and cannot penetrate any deeper than the distance they are allowed to protrude through the grooves. The filiform catheter leads the way and harmlessly doubles up within the bladder and the bulb follower until it meets the stricture. The detachable filiform catheter is first introduced into the bladder, when the presence of a few drops of urine gives positive evidence that no false passage has been made. The urethrotome can now readily be screwed on to the catheter and follows in the wake of the catheter until the bulb reaches the stricture. The stricture is now accurately mapped out in front of the bulb and the well portion crowded out of the way. The knives may then be pushed out, say one eighth to one fourth of an inch; the distance can be accurately measured by the set screw on the knife rod and then allowed to spring back, which they will do, being controlled by a strong spiral spring. The bulb is then pushed forward again and the knives are pushed out as before. Repeat these movements until all opposition is overcome and the bulb passes freely through.

It is applicable to all calibres and to all parts where strictures are usually found. It is easily taken apart for sterilization and a tyro can use it with safety, with no change of bulbs or tips. With this instrument the operation of internal urethrotomy is no longer a bungling uncertainty. The parts to be cut as well as the necessary depth and length of the incisions are mapped out with an accuracy hitherto unknown, eliminating all guess work and needless mutilation.

401 WYOMING BUILDING.

UNIVERSITY OF TORONTO'S BIOLOGICAL PRODUCTS.

The department of Hygiene of the University of Toronto has undertaken to prepare and distribute various biological products. These include, diphtheria antitoxin, tetanus antitoxin, anti-meningitis serum, and rabies vaccine for the Pasteur treatment.

The prices of these products are to be only slightly above actual cost. The Department has already entered into arrangements with the Provincial Board of Health of Ontario for the distribution of diphtheria antitoxin and rabies vaccine.

The proceeds of the sale of these substances, after paying the cost of maintenance, will go toward aiding research in Preventive Medicine and Hygiene. Under the plan it is arranged in Ontario all these biological products will be available at exceedingly low prices, and it is hoped that these prices can be reduced still further at a later date.

The work will be under the direction of the members of the Department of Hygiene.