This invention is a vaginal syringe and swab, and is particularly adapted for the purpose of thoroughly cleaning and sterilizing the vagina.

The main object of the invention is to provide a syringe with dilating means in the form of a resilient swab.

Another object of the invention is to provide a device as outlined with which the swab is readily removed and replaced, and which may be securely retained against displacement during operation of the device.

A further object of the invention is to provide a device as outlined with a plurality of swabs, equi-angularly spaced about the fluid conveying tube, so as to provide a more effective cleaning action than may be obtained by a single cylindrical swab.

A still further object of the invention is to provide a syringe by means of which the vagina may be dilated, the dilating means consisting of a plurality of absorbent swabs which may be treated with a medicament or antiseptic, and which may be rotated and operated to provide a thorough cleaning of the vaginal walls coincidently with a continuous flow of water or other suitable fluid through a dispersing nozzle disposed in advance of the swab, the fluid escaping between the swabs.

Other objects and advantages of the invention will become apparent as the following description is read on the drawings forming a part of this specification, and in which similar reference characters are used to indicate similar parts throughout the several views, and in which:

Fig. 1 is a side elevation of the invention.

Fig. 2 is a section taken on line 2—2 of Fig. 1.

Fig. 3 is a bottom end view of the invention.

The invention consists of an entrant tube 10 terminating in a dispersing nozzle 11 which is provided with a plurality of spaced apertures 12 through which the fluid is permitted to escape. The fluid entrant end 13 of the tube 10 is adapted to frictionally receive the customary rubber tubing 14 which is connected to the fluid supply which is under a low pressure.

Fixedly secured on the tube 10 is a collar 15 in which is secured a plurality of spring fingers 16 in equi-angular relation, as indicated at 17, the free ends of the fingers being accurately formed at 18. A restricting collar 19 is slidable over the fingers and adapted to contract the upper ends of the fingers to engagement with the tube 10.

Swabs 20 may consist of ordinary medicated cotton wrapped about the fingers 16 or may be formed of any suitable material and provided with an aperture through which the fingers 16 are adapted to pass.

The device is used as follows: The tube end 13 is connected to a supply of water or medicated fluid as may be desired by means of rubber tubing 14 or other suitable means.

Medicated cotton 20 or other suitable absorbent material is wound about each of the fingers 16, the collar 19 being drawn back to the dotted position, permitting the fingers 16 to be drawn outwardly from the tube, and the collar 19 is then drawn forward to the full line position, securely retaining the swabs in position.

An antiseptic or medicament is applied to the swabs, the device inserted into the vagina, the fluid permitted to flow through the nozzle 11, and the device is then rotated and moved about to thoroughly clean and sterilize the vaginal walls, the fluid escaping between and through the swabs 20. After removal, the collar 19 is returned to the dotted position and the swabs then may be readily forced off the fingers 16 and discarded.

It is preferable to have the swabs 20 made to form with an aperture to receive the fingers 16, the preferred form being substantially elliptical.

Having described an operable method of constructing and using the invention it will be understood that variations in construction and arrangement of parts which are consistent with the appended claims may be resorted to without detracting from the spirit or scope of the invention or sacrificing any of the advantages thereof.
I claim:
1. A vaginal syringe comprising a tube, an enlarged nozzle at one end of said tube, a collar fixedly secured adjacent the other end of said tube, spring fingers having one end fixed in said collar, the other end freely extending adjacent said nozzle, and, restricting means for said fingers adapted to close the free ends thereof under the nozzle.

2. A vaginal syringe comprising a tube, a nozzle at one end of said tube, a collar fixedly secured adjacent the other end of said tube and having spring fingers equi-angularly spaced thereabout and extending adjacent said nozzle, and an absorbent swab on each of said fingers, and, restricting means for said fingers adapted to resiliently retain the swabs in juxtaposition to the periphery of the tube.

3. A vaginal syringe comprising an entrant tube provided with an enlarged head at one end, a collar secured to said tube adjacent the other end, a plurality of spring fingers having a straight portion adjacent the collar and terminating in arcuate fingers, the ends of which are normally expanded and adapted to be guarded by said nozzle when retracted and a restricting collar slidable on said tube and having apertures in equally spaced relation, the straight portion of said fingers being slidable in said apertures, said fingers being retractable by means of said restricting collar, and absorbent swabs provided with apertures adapted to be slidably received on said fingers and secured by retraction of said fingers.

In testimony whereof I affix my signature.

WILLIAM L. JONES.