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DESCRIPTION

The process of bladder catheterization entails introducing the Nelaton catheter into the urethra and advancing the tip of the catheter into the bladder. The urine drains through the eyes of the catheter, which are located just proximal to the tip of the catheter. After drainage is complete the catheter is pulled out and immediately discarded, as it cannot be reused. If for some reason the doctor wishes to inject a dye into the bladder for urography he will have to reintroduce a Foley's self-retaining catheter, inject the diagnostic dye into the bladder and then prevent backflow by using a spigot to close the open end of the catheter.

The thumb-control Suction Catheter is conventionally designed with two openings. One opening is connected to the negative-pressure suction pump to create the negative pressure necessary for sucking any fluid from the upper respiratory passage. The negative-pressure being constant, variation of the catheter intraluminal pressure is achieved by sealing the other opening with the thumb. The purpose of incorporating a stopper to the suction catheter is to free the user's hand from the work of controlling this opening so that negative pressure may be maintained continuously for suction.

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CLAIMS

Field of Invention

Disposable Nelaton Catheters (including those intended for female catheterization) and Thumb-control Suction Catheters are used for draining the bladder and aspirating the upper respiratory tract respectively. Although a Nelaton catheter is designed for the specified purpose of bladder drainage, it is not used specifically for this purpose alone but is very often employed for aspirating mucous secretions from the nasal passage and back of the pharynx. The connectors of both catheters are open and their outlet openings are blocked partially or fully by the thumb to control drainage or suction.

The purpose of the device is to provide an attached stopper to the connector ends, which can be used to fit tightly over the catheter openings so that drainage or suction can be triggered or stopped instantly.