even, perhaps, indulging in sexual intercourse, finds that he is suddenly unable to pass water at all. His outflow is obstructed—inflammatory swelling has closed his urethral canal. The surgeon is called upon for relief. The diagnosis is so plain that any surgeon, I think, after trying the effect of a warm hip-bath for some time and not obtaining relief, would not temporize any longer, but pass a soft, flexible catheter and relieve this retention.

In the other class are those who, having a permanent organic structure by much the same line of conduct, induce congestion of the urethra at the strictured part, and the small inconvenience of the permanent stricture is all at once aggravated into a more or less complete retention of urine. Here also the catheter is to be used.

Spasmodic stricture is the second group. Now and then the calibre of the urethra is narrowed by the contraction of the muscular fibres of the canal. It is met with in the deeper parts, for there the muscular bands are the most numerous. When pure, that is to say, not associated with inflammation nor a concomitant of organic stricture, it is due to some reflex irritation, temporary, as in cases of operation on the lower end of the bowel or verge of the anus, and in fractures of the femur; now and then more permanent, and then liable to be mistaken for real stricture, in those cases in which true organic stricture exists near the meatus, and as a result a spasmodic closure occurs by reflex irritation of the perineal muscles in the neighborhood of the bulb. Chloroform by causing relaxation of such strictures, indicates their origin. Should they produce obstruction to the urinary outflow, relief is easily obtained by the passage of a fairly large-sized catheter; for while the spasms may be an impediment to the outflow it ought to be no hindrance to the entrance of the instrument.

But the most interesting and practical stricture is the true organic stricture. Bearing in mind that, at rest, the walls of the urethra, by elastic and muscular contractibility are drawn closely together, that this position is maintained until the outflowing stream of urine separates them, or when an instrument is passed down the canal, it is easy to understand how a deposit of lymph round the canal of the urethra, at some point in the submucus and vascular tissue, and this deposit subsequently becoming rigid and contracted causes the natural distensibility of the canal over a limited area to be lost. The causes producing this deposit and its resultant stricture are gonorrhœa or some injury to the perineum, implicating perhaps the urethra directly, as falls, kicks or blows. Starting with a history of one or other of these causes to help us, we base our diagnosis on (1) smallness of the stream, depending on the narrowed state of the canal. I have often fruitlessly tried to get a clear answer from patients as to size of their stream. They can say if it is forked or twisted, which has comparatively little value, but they do not seem to notice the gradual diminution in the size, so I am in the habit of asking them to make water before me, so as to judge for myself. The splitting or twisting of the stream may depend on a narrowed meatus where no real stricture is present, and is not to be relied on as of much value. (2) Frequency of making water is nearly always present in cases where the stricture has existed for some time, and even in comparatively recent cases. (3) Pain, I find, a very varying and unreliable symptom, whether it be at the point of contraction or above the pubis—in this latter situation it depends on sympathetic cystitis. The whole of these symptoms taken together strongly point in the direction of stricture. Next, (4) the physical examination by the passage of a fairly large-sized catheter, No. 8 or 9, tells quickly if an obstruction exists, and also the exact site of such obstruction. As regards the endoscope as an aid in the physical diagnosis of structure I have no experience, but I think it is not likely to come into very general use at present, nor do I think the cases in which it would be really serviceable to be many. The presence of stricture being diagnosed, and its site made out, the next question is how to meet and abolish its being any obstruction to urinary outflow. This, in its entirety, is a very large question. It is not my intention to try and grapple with it fully. I would rather direct attention to one method that, I think, is worthy of being tried in many cases—I mean gradual interrupted dilatation, procured by the passage of sounds or bougies through the stricture, beginning at that size which will just pass through, and at subsequent times increasing the size of the instrument until the full calibre is reached without wounding the urethra. When passing instruments on the urethral canal, I think we would do well to bear in mind Sir Henry Thompson's simple axioms, viz.: That the