TURB – a device for *en bloc* retrieval of large bladder tumours

**TECHNOLOGY SUMMARY**

Presently, bladder tumours larger than 0.5-1 cm are resected by transurethral resection by resecting the tumour into small pieces to facilitate removal through a transurethrally inserted resectoscope. The present interventional device makes it possible to remove very large papillomatous tumours resected transurethrally *en bloc* without risk of tumor seeding through the urethra.

Moreover, facilitating a more safe *en bloc* resection of large tumours will lead to a decrease in recurrence risk compared to presently used piecemeal resection technique.

The invention also overcomes the problem with retrieval of a filled endobag from fluid filled resection cavities where uncompressable fluid in the endobag inevitably will be problematic.

**CURRENT STATE**

A fully functional prototype has been developed from CE marked "spare parts" (commercially available products). Minor adjustments required before the technology is ready for clinical use in daily practice.

**COMMERCIAL PERSPECTIVES**

In Denmark (population 5.7m people), more than 3,500 bladder tumour resections are made every year by traditional resection of the tumour into small pieces. Objective of this invention is to facilitate a commercially available device with benefit for clinicians and patients in daily practice.

**INTELLECTUAL PROPERTY RIGHTS**

The technology is protected in a priority patent application filed in 2017.

**BUSINESS OPPORTUNITY**

We are looking for a company interested in licensing the technology.

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