Luna can be used in combination with our conventional urodynamic system, the Nexam. Nexam and Luna together provide a strong combination, offering:

- Wireless recording of Pressures (Pves, Pabd, Pura) and EMG during conventional urodynamics
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**Wireless recording of urodynamic data**

Using Bluetooth® technology, the Luna Pressure & EMG recording unit is wirelessly connected to the Nexam system during the whole urodynamic study. As a result Nexam-Luna pressure recordings will always be performed on bladder level height. Furthermore your patient is free to move, so cough and valsalva manoeuvres are easy to perform.

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Sometimes conventional urodynamic investigations are inconclusive. The absence of bladder contractility, often due to emotional stress, is an indicator to perform ambulatory urodynamics. But… a new appointment for the patient? Re-catherization? Use of different equipment? Not anymore! With Nexam-Luna it is just a few mouse clicks and the patient is having an ambulatory urodynamic investigation.

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Laborie offers a complete range of air-charged, water-perfused and microtip catheters to use with Luna. Even small diameter catheters as from 3 French for children are available.
Ambulatory Urodynamic Monitoring (AUM) is any functional test of the lower urinary tract predominantly utilizing natural filling of the urinary tract and reproducing patient’s normal activity. ICS indications for AUM are:

- When Conventional Urodynamic Measurements (CUM) fail to reproduce or explain (detrusor instability)
- When CUM may be unsuitable (children, patients having emotional stress)
- Neurogenic lower urinary tract dysfunctions
- Evaluations of therapies for lower urinary tract dysfunction

The Laborie Luna is an easy to use, small and lightweight recorder for classic AUM. The system offers the possibility to measure pressures (Pves, Pabd, Pdet, Pura, Pclos), EMG, Leakage (Conductance) and Uroflow during a natural bladder filling, extended over a longer period and in a less stressful environment. Urodynamic data recorded in 2 up to 24 hours or more can be downloaded, analyzed and presented in less than 2 minutes. All Detrusor-Flow plots are standard available.

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Using Bluetooth technique, the Luna offers an on-line view of recording, without cables connected to the computer. High quality signal recording can be guaranteed, before the patient leaves the investigation room. Intermediate Bluetooth download and review of data enables you to verify the quality of the recorded data before disconnecting the catheters.

**Very easy to use Luna software program**

The Virtual Instructor Program (VIP) will guide you through the investigation step by step, making it easy to carry out a high quality AUM and Natural Filling Urodynamics, with very minimal training.

Ambulatory Urodynamic Monitoring (AUM) has a more important place in the diagnostic evaluation of patients with LUTS than generally considered. In half of the cases in which conventional urodynamics could not provide a diagnosis, AUM helps to diagnose OAB. Moreover, in the absence of AUM, many patients would have been misdiagnosed with an acontractile bladder based on their CUM results, which would most probably have resulted in life-time clean intermittent self-catheterization.

The Luna is the first system to perform Natural Filling Urodynamics: enhanced AUM by adding sensation markers and bladder volume estimation to classic ambulatory recordings. Bladder volume will be measured by using a wireless uroflowmeter and/or ultrasonic bladder scanner.

Natural Filling Urodynamics as a new standard in Urodynamics, offering the following advantages:

- Better clinical data, based on physiological bladder filling
- Lower costs per urodynamic procedure, saving labor and office space
- Increased patient comfort and more privacy

Discover a new way of urodynamic testing, providing better clinical data while spending less time!

**Natural Filling Urodynamics: Better, cheaper, easier!**

The Luna has enhanced classic Ambulatory Urodynamics. It is now possible to replace conventional urodynamics in the diagnoses of UI, OAB and BOO. Natural Filling Urodynamics is better, cheaper and easier.

The following urodynamic studies can now be carried out in a natural and physiological way:

- Uroflow
- Cystometry
- Pressure-flow

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Select one of the predefined investigation protocols

Start recording

Multiple flow plot overlay

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**Comparison table**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Luna</th>
<th>Classic AUM</th>
<th>Natural Filling Urodynamics</th>
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<td>Leakage</td>
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<td>Mobile urgence</td>
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<td>Sensation markers</td>
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- = included  - = not possible