

Nexam Pro

Professional Urodynamic System

- High quality urodynamics made simple
- Wireless recording unit for Pressures & EMG
- Virtual Instructor Program (VIP)
- Complete diagnosis of pelvic floor dysfunctions
- Natural Filling Urodynamics



Nexam Pro Highlights

- Professional and comprehensive urodynamic system
- Virtual Instructor Program (VIP) assists in achieving high quality investigations
- Wireless - less cabling - more convenient - increased ease-of-use
- Complete diagnosis of pelvic floor dysfunctions
- Extended functionality: video-urodynamics, neuro-urodynamics
- Natural Filling Urodynamics: immediate prolongation of conventional urodynamic study with real ambulatory monitoring
- Well suited for both routine clinical urodynamics as well as research applications
- Ergonomic design with height adjustable monitor, allowing you to sit down during an investigation



High quality urodynamics made simple!

Nexam Pro has been developed in close collaboration with leading hospitals worldwide. Combined with many years of manufacturing experience in urodynamics, Nexam Pro has become the most user-friendly professional urodynamic system currently available.

Nexam Pro meets the latest ICS guidelines for Good Urodynamic Practice (GUP). The unique Virtual Instructor Program (VIP) assists during the investigation to achieve good quality investigations easily.

Bluetooth® technique is used to provide a variety of wireless functionalities, like multiple wireless uroflow, wireless pressure and EMG recording and a wireless speed controlled catheter puller system.

The newly designed and wireless remote control allows you to stay close to the patient. Using just 4 buttons, 1 person can carry out the complete urodynamic investigation. This shortens examination time, secures the quality of the investigation, and provides greater patient privacy.

The large-sized monitor can be moved to the left or right and is height-adjustable. Therefore it is possible to be in a sitting or standing position during the investigation and/or during analysis of the results. Furthermore, a second monitor can be added for dual screen functionality, which is extremely useful for video-urodynamics and neuro-urodynamics.



Wireless remote control



Wireless Pressure & EMG interface

Nexam Pro is an easy-to-use system for comprehensive diagnosis of pelvic floor dysfunctions, capable of displaying up to 20 channels at once. The unique flexibility and modularity make it well-suited for both routine clinical urodynamics as well as for research. Nexam Pro can also easily be upgraded in the future.

Nexam Pro applications

The Nexam Pro has been designed to carry out high quality pelvic floor investigations in a quick, easy and convenient way.

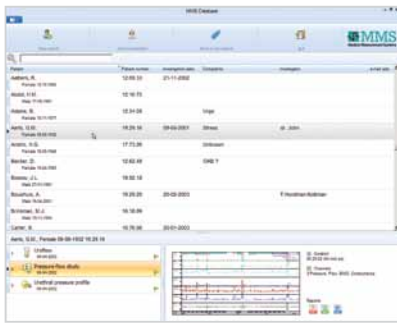
Urodynamic examinations

- Uroflowmetry
- Cystometry (CMG)
- Pressure-Flow study
- Urethra Pressure Profiles (UPP)
- Gynecology study (Pressure-Flow and UPP in one test)
- Natural Filling Urodynamics

Pelvic floor functionalities

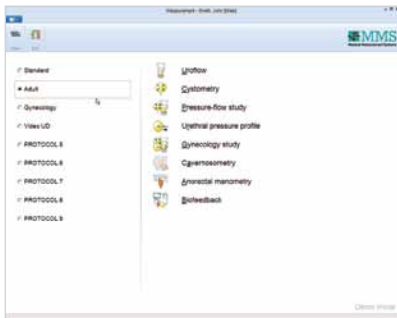
- EMG
- Video-urodynamics
- Neuro-urodynamics
- Anorectal manometry
- Biofeedback

High quality urodynamic in 5 steps!



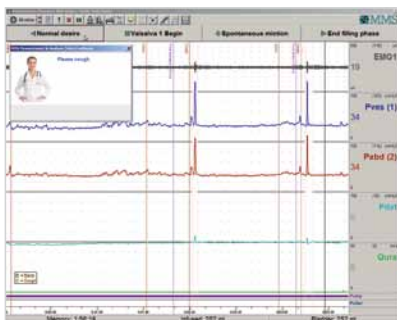
1. Enter or select patient name

- The extensive patient database enables easy entry and retrieval of patient and investigation data
- Patient card readers or HIS/EMR integration enable automated entry and selection of patient data
- VIP helps to protect against patient duplication



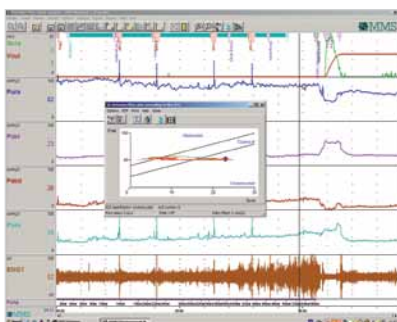
2. Prepare investigation

- Nexam Pro software is designed to meet the ICS "Good Urodynamic Practice" guidelines
- Select a predefined protocol (each investigator can have an individual protocol)
- Preview the urodynamic parameters to ensure best quality results
- VIP will assist you if the urodynamic pressures are too low or too high



3. Perform investigation

- Using only 4 remote buttons you are able to complete the Urodynamic study
- VIP will automatically ask the patient to cough to provoke leakage
- Artifacts are detected automatically when the patient coughs



4. Review investigation

- The Nexam Pro software program offers pre-defined results according to ICS standards
- Markers, investigation and conclusion comments can easily be added to the investigation

5. Print your report

- Rapid production of results on screen or paper
- User-definable protocols offer tailor-made reports, including doctor's or physician's name and hospital logo

The Virtual Instructor Program (VIP)

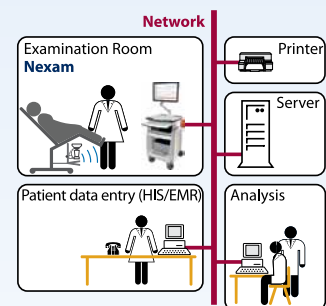
Nexam Pro provides, without any doubt, the most comprehensive and user-friendly software. The Virtual Instructor Program (VIP) guides you step-by-step through every urodynamic examination.

Nexam Pro software is intuitive and logical, requiring minimal training. This saves both time and money and enables you to focus more on the patient.

Optimize your workflow with Networking and HIS/EMR integration

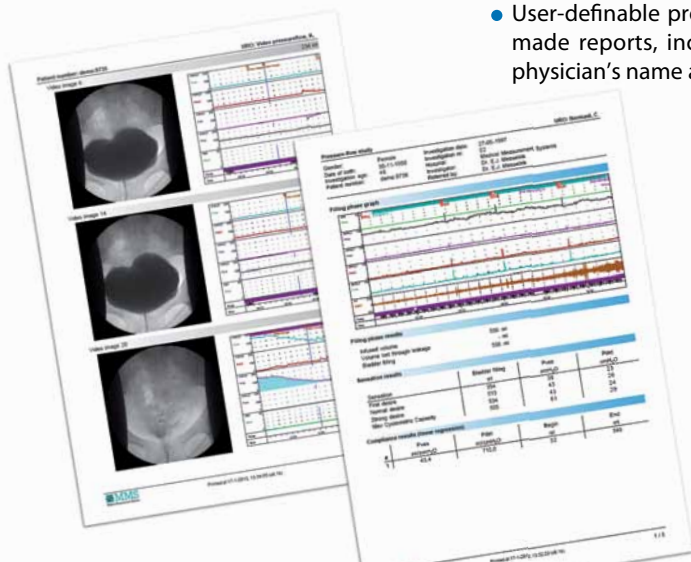
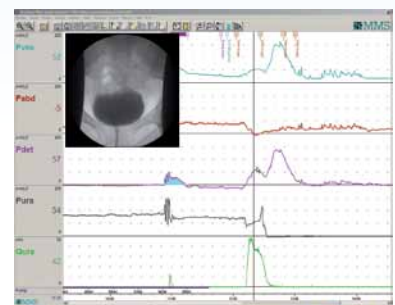
Nexam Pro is well designed to integrate urodynamic procedures with a Hospital Information System (HIS) or Electronic Medical Record (EMR) system. Patient data, such as demographics, can be imported or exported (HL7) to the HIS/EMR. This saves time and prevents entry mistakes. MMS DICOM protocols offer you extended use of, and communication with, PACS systems.

Nexam Pro is developed to be part of an MMS network system. This makes it possible to enter patient data, perform examinations and analyze results on different PC's in different hospital locations, such as waiting area, urodynamic room and doctor's office.



Video-urodynamics

High resolution or standard image digitization combined and synchronized with urodynamic graphs and data enhances the diagnosis of lower urinary tract dysfunctions.



Options for professionals

Luna wireless pressure recording

Add the Luna for wireless recording of Pressures and EMG, in combination with the possibility to easily prolong a conventional urodynamic study with ambulatory urodynamics (Natural Filling). This is done within a few seconds, without the need of a new appointment or re-catheterization



Wireless catheter puller

A wireless catheter puller can be added to Nexam Pro for speed controlled UPP Measurement



Ultrasound bladder scanner

Scanmaster, a USB ultrasound bladder scanner can be added to your system, offering an integrated solution to measure and store Initial Bladder Filling and PVR results and images automatically in the Nexam Pro database and print in the report!



Anorectal manometry

To objectively assess the function of the rectum and anorectal sphincter. The 4 or 8 pressure channels anorectal program includes resting, squeeze, cough, push, RAIR and sensation tests and anal rest or squeeze profile. More detailed information can be obtained from the 3-dimensional Vector Volume Plot.

Neuro-urodynamics

A Neuro Module for: Free running EMG, High speed/frequency EMG (up to 10 kHz), Pudendal Nerve Stimulation (PNS), Motor Nerve Conduction, Sacral Reflex and Sensory Treshold (Sensory Treshold is not available in the USA).



Biofeedback

Signals from the lower urinary tract and pelvic floor are displayed real-time to the patient as a friendly patient-responsive animation. Biofeedback training helps patients to develop beneficial and conscious control over body functions. Several scenes and (pediatric) animations are available.

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