

PHENIX NANO Portable

Discover the extreme efficiency !



Wireless link

- Freed up space
- Accurate and stable biofeedback with no equivalent



From clinical signs through therapeutic assistant

- Simplicity and efficiency

**Wireless stimulation
and biofeedback**



Graphic quality, therapeutic quality, no compromise

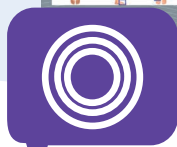
The effectiveness of wireless electrical stimulation and biofeedback fused to the ergonomics of a tablet to develop your efficiency.

Without sacrificing the quality of care, you will appropriate your PHENIX NANO and will master it in a few minutes. It will accompany you everywhere.



A lightweight and handy tool

Its graphic resolution allows you unprecedented comfort of use. The touch screen of this tool combined with the ergonomics of the software gives you easy access to your treatment programs. You can start in a few seconds.



Therapeutic assistant

From a single clinic sign, the therapeutic assistant will help you find an appropriate antalgic, excitomotory or draining programs, and that in a few seconds.

You observe, question and evaluate the clinical signs:

Urogynaecology: SUI (Stress Urinary Incontinence) urge incontinence, leakage, pain ...

Physiotherapy: pain, inflammation, atrophy, oedema...

The assistant finds the answers and organizes them into a coherent and comprehensive treatment.



Patients file

PHENIX NANO Portable has a patients file accessible thanks to its high resolution touch screen.

You can start your treatment from your patient file and its date will be stored. Thus, it will be easy to duplicate and restart at the next session.

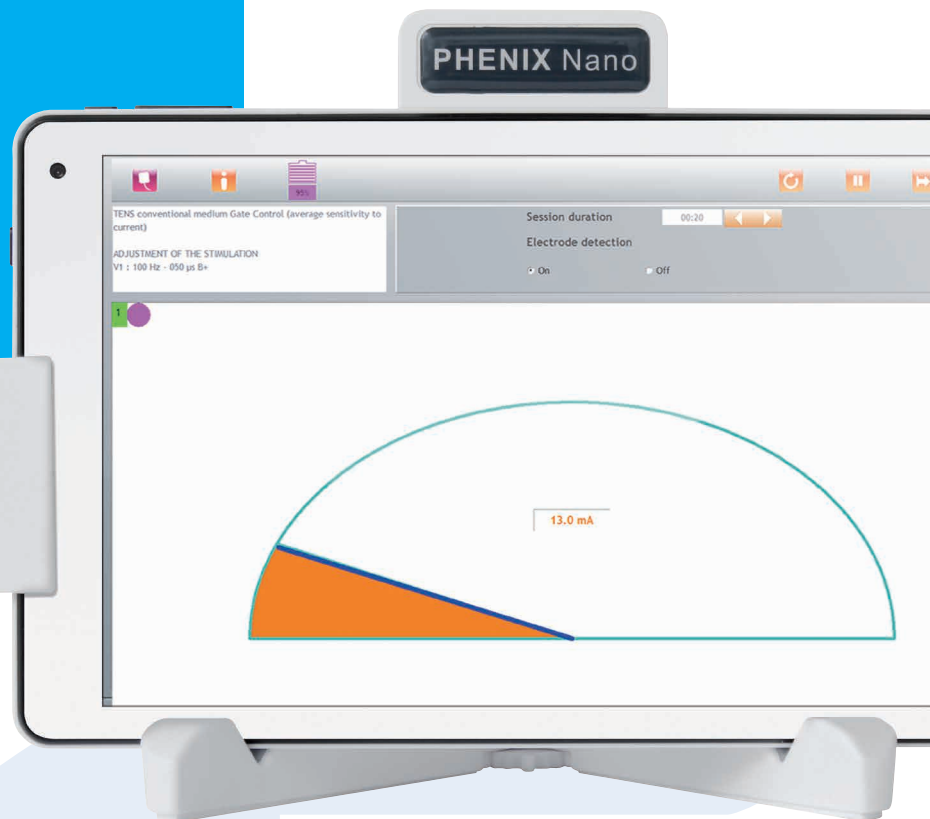
POD stimulation / biofeedback

A POD stim/bio is a mobile unit for stimulation and biofeedback, which communicates with the CPU wirelessly. Each POD stim/bio has two stimulation channels and two biofeedback channels.



Wireless stimulation

The absence of wires between CPU and patient simplifies the session management and provides lots of flexibility for electrostimulation treatments that can now be integrated into retraining effort of strengthening exercises.



Wireless biofeedback

The stim/bio POD is placed on the patient. Clipped to a strap, it is connected to the probe and/or to the electrodes. As there are no wires between the patient and the CPU, biofeedback is enriched by numerous exercises which were difficult to carry out previously with wired system devices. Each stim/bio POD is a rangefinder that instantly transmits and displays data on the CPU screen. The rehabilitation can be realized in orthostatic and orthodynamic situation without interferences induced by the wires.



Associated electrostimulation and biofeedback

In patients who have difficulties to integrate a motor pattern, the association of wireless electrical stimulation and biofeedback allows to create a sensory motor experience in a few minutes of adaptation. Therefore, the patient would be able to reproduce the same easily through biofeedback. Example: Training for physiological refocus of the shoulder, training for pelvic-floor locking reflex, etc.

Technical features

Electrostimulation:

Excitomotor currents, analgesics currents (Conventional TENS, TENS Endorphin, BURST), trophic currents, draining currents, galvanic current.

Max current 100 mA - Adjustment in steps of 0.5mA

Pulse width: 30 us to 4000 us

Frequency: 1 Hz to 150 Hz

Biofeedback:

Scale : from 0 to 2000 uv - guide curves

Measurements and weight:

Central unit : 12 x 20.6 x 1.2 cm – 400 g

POD : 8 x 5.4 x 4.1 cm – 100 g

Battery:

Long term lithium polymer

Electrical safety category:

Classe I BF

Safety tests:

PHENIX NANO Portable complies with standard safety regulations IEC 60601-1 medical electrical devices, the standard on electromagnetic compatibility IEC 60601-1-2, standards EN 300 440 and EN 300 328 -2 on the recommendation 1999/519 / EC for wireless communication and security standard for pacemakers nerves and IEC 60601-2-10 muscles.

PHENIX NANO Uro

Perineal rehabilitation with complete simplicity

PHENIX has made perineal rehabilitation its area of excellence. Today we can make this expertise available to therapists for whom perineal rehabilitation is not yet a specialty and to all those who want to have a portable device that optimizes their workspace or movement.

With the PHENIX NANO Uro, we have designed an easy to use expert perineal rehabilitation device, and also effective.



➔ TREATMENTS

FEMALE PERINEUM:

STRESS URINARY INCONTINENCE
URGE INCONTINENCE
DISSYNERGIES
POST-PARTUM DISORDERS
ANORECTAL DISORDERS
FLATUS INCONTINENCE – SOLID OR LIQUID FECAL INCONTINENCE
REHABILITATION OF ANAL CONTINENCE REFLEXES
EPISIOTOMY PAIN
DYSpareunia
VAGINISMUS
MUSCLE AND TENDON PER AND POST PARTUM PAIN
PREPARATION FOR URETHROVESICAL SURGERY

MALE PERINEUM:

INCONTINENCES FOLLOWING PROSTATECTOMY
URGE INCONTINENCE DUE TO BLADDER OR URETHRAL INSTABILITY
PREPARATION FOR PROSTATE SURGERY
ERECTILE DYSFUNCTION
PREMATURE EJACULATION
REHABILITATION OF ANAL REFLEX INCONTINENCE

PAEDIATRIC DISORDERS:

RETENTION
ENCOPRESIS
DISSYNERGIES
ENURESIS

THERAPEUTIC ACTIONS:

ANALGESIC - DECONTRACTANTS AND SPASMOLYTICS

PATHOLOGICAL INDICATIONS

PREGNANCY
PERINEAL - ANORECTAL SPHINCTER
URINARY AND GENITAL PERINEAL SPHINCTER

PHENIX NANO Uro is supplied with:



- 1 touch pad configured PHENIX DAL
- 1 tablet support
- 1 screen protector
- 1 stim / bio POD
- 1 charger POD
- 1 output cable, 4 wires
- 1 packet of 4 electrodes 50 x 50
- 1 probe connector
- 3 straps
- 1 lithium battery long-lasting rechargeable polymer
- 1 power supply complying with medical standards
- 1 user guide



OPTIONS



THE ONE CHANNEL PHENIX DIGITAL MANOMETER AND A UNIVERSAL POD

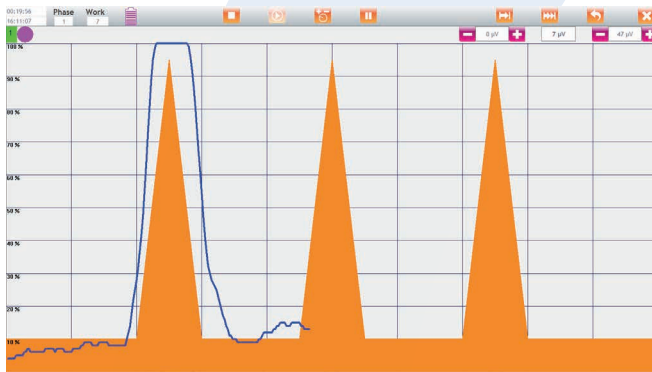
In many therapeutic situations (anal sphincter deficiencies, constipation, rectal dyssynergies...)

it may be useful to use an inflatable probe (vaginal or anal) connected to a manometric module.

PHENIX digital gauge displays on screen the pressure recorded at the balloon and can be used for practical biofeedback exercises.



CARRYING CASE



Patient file	Treatment wizard	Therapeutic action	Pathology
VIVALTIS Demo			
	18/02/2014	Testing	
	17/02/2014	Testing	
	16/02/2014	Testing	
	15/02/2014	Testing	
	14/02/2014	Testing	
	21/09/2012	Musculoskeletal Treatment Quadriceps	
	21/09/2012	Neuroperipheral assessment Quadriceps	
	21/09/2012	Neuroperipheral assessment Quadriceps	
	21/09/2012	Neuroperipheral assessment Quadriceps	
	21/08/2010	Testing	
	21/08/2010	Testing	
	21/08/2010	Testing	

Ease of use

With its touch screen and intuitive icons, you take control of the PHENIX NANO Uro instantly. The logic names of the programs guide you (Urinary Stress Incontinence, Urge Incontinence, Episiotomy, etc.) and if you want more information a single touch on the screen provides explanations associated to each program.

Efficiency

Because every patient is different you can check the therapeutic Assistant for suggestions. From the list of clinical signs which are offered and that you are evaluating (leakage on effort, urge incontinence, number of mictions, pain, etc.) your PHENIX NANO Uro will establish a treatment protocol that you can then save, if you wish, in the patient file.

PHENIX NANO Physio Uro

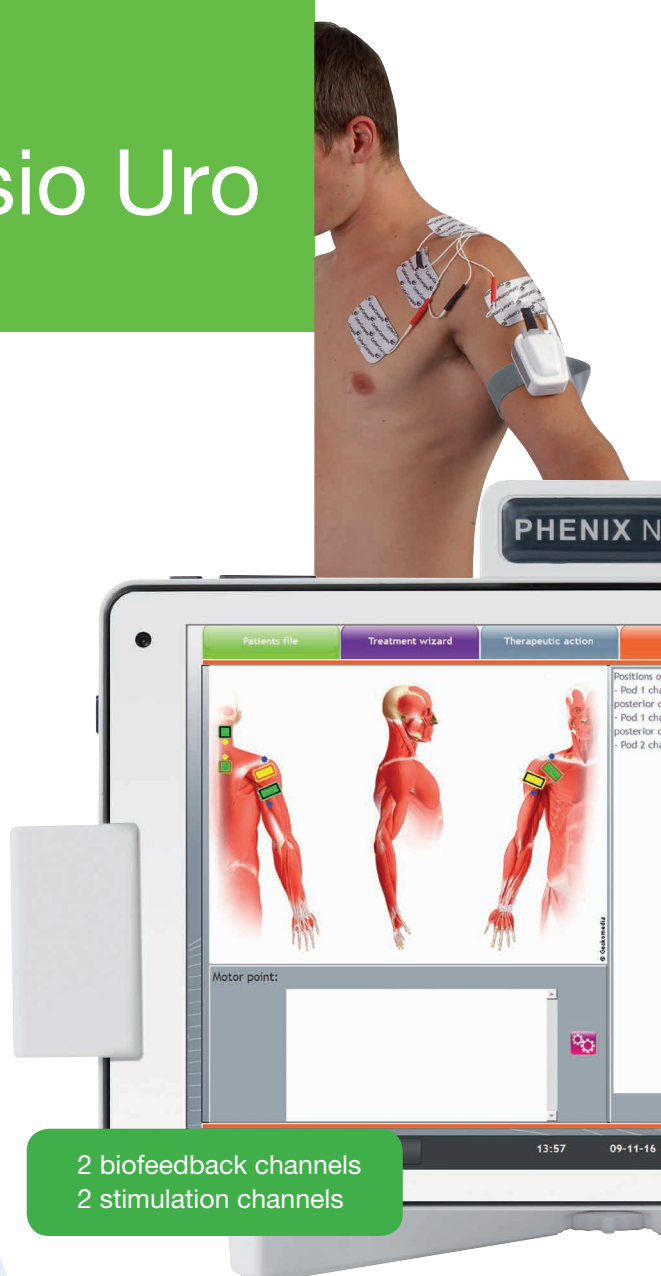
Electrostimulation and biofeedback serving the locomotor system

For a very long time, BIOFEEDBACK has been reserved for perineal rehabilitation while you are over 80 % who appreciate the value of the application in musculoskeletal system.

Biofeedback allows the patient to become aware of an abnormal physiological state and guides him/her to correct it. It also enables the therapist to objectify the development and the successful achievement of this correction.

Whether it concerns muscular atrophies, muscle sideration, locking deficits, contractures or spasticity, the effectiveness of electrostimulation-EMG combination will surprise you. With just two electrodes, stimulation creates sensory experience and biofeedback can reproduce it as retro control. **Your patients become actor of their treatment and their motivation increases.**

With the PHENIX NANO Physio Uro, we provide access to all the therapists the combination of these two techniques in a portable and transportable device. Thanks to the wealth of the BFB screens and of the stimulation currents, **this combination can significantly accelerate the process of neuromuscular reprogramming.**



➔ TREATMENTS

PHYSIO:

AMYOTROPHIC-TROPHIC AND CIRCULATORY - MUSCLE-SKIN-CONTRACTURES - DIGESTIVE TRANSIT-MORPHOAESTHETIC-NEUROLOGICAL- OSTEOARTICULAR AND TENDON-POST-TRAUMATIC (ANKLE SPRAIN, KNEE SPRAIN, WRIST FRACTURE SPRAIN, DISLOCATION OF THE ELBOW, NCB) - RHEUMATOLOGICAL (ALGONEURODYSTROPHY, ADHESIVE CAPSULITIS, CERVICAL POSITIONAL, PATELLAR CARTILAGE LESIONS, COXARTHROSIS, DUPUYTREN DISEASE, OSTEOARTHRITIS, LUMBAR-SCIATICA-PSH) - SPORTS

URO:

Female perineum

URINARY STRESS INCONTINENCE - URGE INCONTINENCE - DISSYNERGIES - POST-PARTUM DISORDERS - ANORECTAL DISORDERS - FLATUS INCONTINENCE - SOLID OR LIQUID FECAL INCONTINENCE - REHABILITATION OF ANAL CONTINENCE REFLEXES - EPISIOTOMY PAIN - DYSPAREUNIA - VAGINISMUS - MUSCLE AND TENDON PERI AND POST PARTUM PAIN -PREPARATION FOR URETHROVESICAL SURGERY

Male perineum

INCONTINENCES FOLLOWING PROSTATECTOMY - URGE INCONTINENCE DUE TO BLADDER OR URETHRAL INSTABILITY - PREPARATION FOR PROSTATE SURGERY - ERECTILE DYSFUNCTION - PREMATURE EJACULATION - REHABILITATION OF ANAL REFLEX INCONTINENCE



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OPTIONS



MULTIPATIENTS POD

Multiply the electrostimulation applications of your PHENIX NANO Physio Uro with one or more independent PODs. Each POD multipatient enables you to treat a patient while your PHENIX NANO Physio Uro is used to treat another patient.

From your NANO Physio Uro (even during treatment) you can transfer a stimulation program in 2 seconds to your multipatients POD. You can therefore start your treatment in another box or at home.

A multipatients POD has two stimulation channels (analgesia, strengthening, drainage, trophicity ...) and can also be used with the NANO Physio Uro as a second treatment POD for programs requiring 4 stimulation channels.



THE ONE CHANNEL PHENIX DIGITAL MANOMETER AND UNIVERSAL POD

In many therapeutic situations (anal sphincter deficiencies, constipation, rectal dyssynergies...)

It may be useful to use an inflatable probe (vaginal or anal) connected to a manometric module.

PHENIX digital gauge displays on screen the pressure recorded at the balloon and can be used for practical biofeedback exercises.

CARRYING CASE

With the PHENIX NANO Physio Uro, the practice of biofeedback becomes simple and improves significantly your results in all pathologies that need improvement or reprogramming of motor control. This device allows a static and dynamic working position that puts the patient in the functional situations of his or her everyday life.

Use of the PHENIX NANO Physio Uro

The portable PHENIX NANO Physio Uro is both highly simple to use and allows you to a wide range of functionality. With its selection tools it can be adapted to all your needs.

For more time-saving you can sort the programs to display only the electrostimulation programs...

... or the biofeedback programs

.... or those that link electrostimulation and biofeedback programs.

Comfort and effectiveness of electrostimulation

By removing the latency between the negative pulse and positive pulse, repolarization of the cell is immediate and the stimulation becomes more comfortable allowing unprecedented muscular recruitment.



AFTER SALES SERVICE

Technical specialists of your device are available from
Monday to Thursday, 08:00 to 18:00 and Friday 08:00 to 17:30
on 00.33.4.67.27.15.43 or by email : sav@vivaltis.com



The PHENIX products are designed and manufactured by the company

VIVALTIS

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