

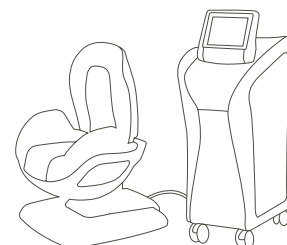


Dr. ARNOLD

## Women's Best Ally

Deep Rehabilitation of the Pelvic Floor  
against Female Urinary Incontinence

Dr Arnold stands out for **Gynaecology**



**DEKA**  
Innate Ability

# Dr. ARNOLD Quick Wins:

Pelvic Floor Rehabilitation | Female Urinary Incontinence

## Key Points

**Dr. ARNOLD** selectively stimulates the muscles of the female pelvic floor through programmed specific contractions and relaxations to improve and prevent urinary incontinence.

The stimulation is generated by electromagnetic fields with a homogenous profile (**TOP FMS – TOP Flat Magnetic Stimulation**) optimised for stimulation of pelvic muscles.

## Why Choose Dr. ARNOLD:

### Top Flat Stimulation = Efficacy and Comfort

Thanks to the TOP FMS technology the electromagnetic field is homogeneously distributed without peaks of intensity. Even stimulation ensures greater tolerability and efficacy.

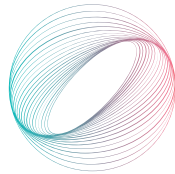
### Ergonomics Before All!

DEKA R&D designed Dr. ARNOLD, a special lounge chair to assure utmost comfort for the patient, in addition to efficacy and safety.

### Female Intimate Health is our Core

Dr. ARNOLD is the solution within the DEKA therapeutic pathway for female intimate health in the treatment of urinary incontinence and improvement of patients' quality of life.





Dr. ARNOLD

## Female Urinary Incontinence Is a Global Disorder:

The pelvic floor system is affected by a complex range of changes during the **postpartum period** and with **aging**.

**Pelvic Floor Muscles (PFM)** do not provide enough support for pelvic organs and continence control. This leads to **PFM dysfunction** directly resulting in **Urinary Incontinence**.

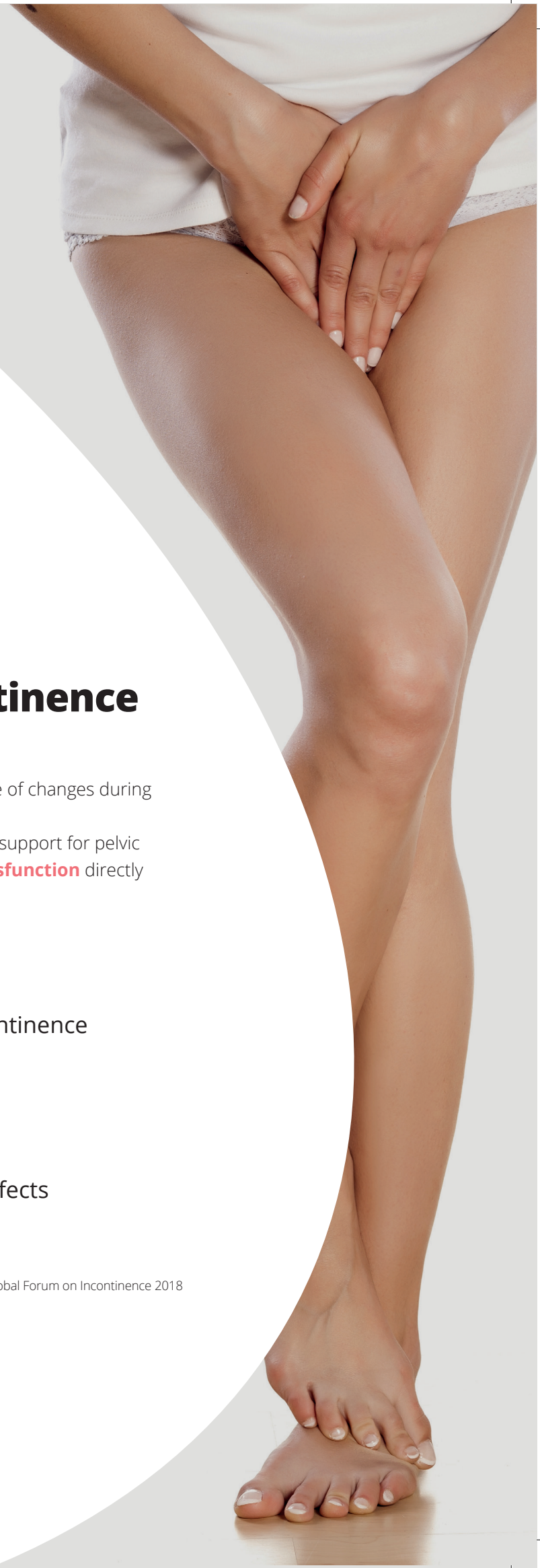
**12.4%**

of female population is affected by incontinence worldwide (about 303 million)\*

**~ 54.3%**

of affected women suffer detrimental effects on their quality of life

\*Source: I. Milsom "How big is the problem? Incontinence in numbers". 7th Global Forum on Incontinence 2018

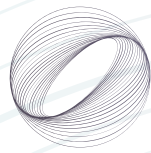
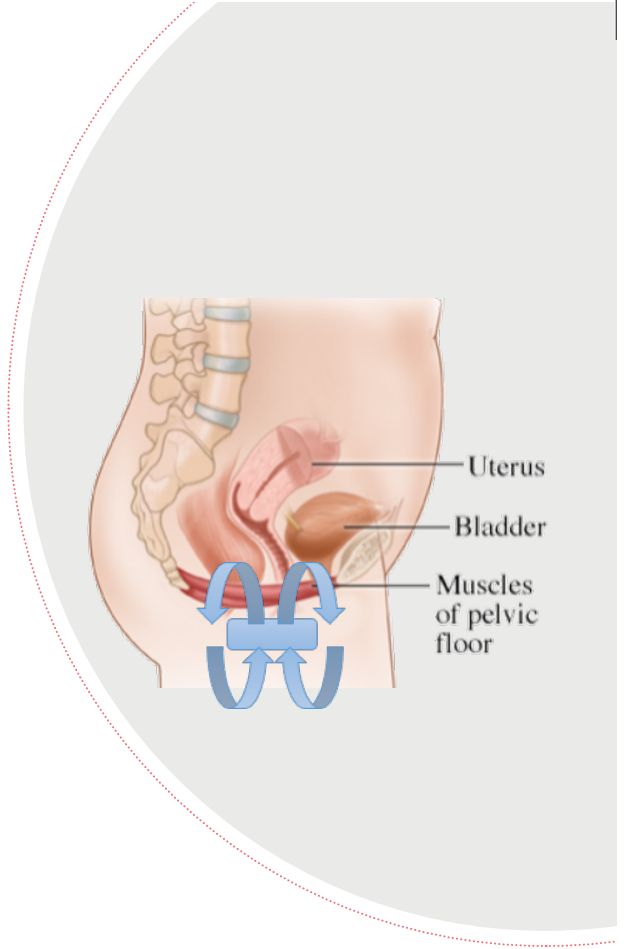


## SCIENTIFIC BACKGROUND

# “Rehabilitation” Device

Dr. ARNOLD is a non-invasive therapeutic device that, through a specific electromagnetic field (**TOP FMS Technology**) interacts with the neuromuscular tissue, inducing intense contractions (involuntary and otherwise unachievable regular gym training or superficial electrical stimulation) that stimulate pelvic floor muscles deep down and restore neuromuscular control.

The clinical outcome of the Dr. ARNOLD device is **prevention of urinary leaks**, better **awareness** of pubococcygeus muscle function and **increased pelvic floor tone** through **rehabilitation of the perineal muscles**.



## TOP FMS

Flat Magnetic Stimulation

### TOP FMS: modulated stimulation on muscle tissue

The special and unique **TOP Flat Magnetic Stimulation Technology** modality – designed exclusively by DEKA R&D – ensures **homogeneous** and even intensity distribution without peaks over a sufficiently broad area, thus **preventing pain** sensations and discomfort in the patient.

## SCIENTIFIC BACKGROUND

# Ergonomics First!

The patient's position is key for the effectiveness of the treatment. This is why DEKA designed a **lounge-chair** whose backrest and height are adjustable to assure that the patient could achieve the **optimal position** to benefit from the treatment, whilst in full comfort and relaxation.



## Women's Intimate Health and Quality of Life are our Goals

The action of Dr. ARNOLD expands considering its preventive action in many spheres of women's intimate health:

- **Gynaecological**: prevention-therapy of genital prolapse
- **Urological**: prevention-therapy of urinary incontinence, by improving the urethral support and the closing mechanism, especially when straining
- **Colorectal**: prevention-recovery of anorectal function
- **Sexual**: positive impact on sex life, by bolstering perineal muscles.

Dr. ARNOLD completes the **DEKA** line and **focus on women's intimate health**. This pathway starts with the consolidated technology **MonaLisa Touch®** for treatment of vaginal atrophy, including the **RF TOUCH** treatment for vulvo-vaginal laxity, through the Dr. ARNOLD technology for urinary incontinence.

Dr. ARNOLD technology is easy to use and especially appreciated by gynaecologists, urogynaecologists, physical therapists and proctologists, but also by patients, because, beyond the tangible benefits in the decreased symptoms connected with urinary incontinence, it is a painless treatment done clothed. To maintain the results achieved, maintenance sessions are recommended.



## Dr. ARNOLD's Strengths

- **Maximum comfort**, completely painless
- **Free of the discomfort typical of common therapies** for pelvic-rehabilitation (Kegel exercises, biofeedback, kinesitherapy, functional electrical stimulation)
- **Easy to use**, unmanned technology
- **Improved quality of life**
- **Improves awareness** of pelvic floor through rehabilitation
- Tailored protocols - specific for patients' needs
- **Preventive** action on whole spheres of **female intimate health**

 **Only for DEKA Users:**  
a great support in medical practice  
**DEKA Club**







# Technical Specifications

DR ARNOLD	
Type of Energy	Electromagnetic Field
Intensity	Up to 2.5 T
Repetition Rate	Up to 150 Hz
Pulse Duration	250 $\mu$ s $\pm$ 20%

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Dr. ARNOLD

**DEKA**  
Innate Ability



Dealer stamp



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**DEKA Innate Ability**

A spin-off of the El.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.