

LONG-TERM EFFICACY OF HIFEM[®] PROCEDURE FOR TREATMENT OF URINARY INCONTINENCE

NON-INVASIVE HIGH-INTENSITY FOCUSED ELECTROMAGNETIC (HIFEM) PROCEDURE FOR TREATMENT OF URINARY INCONTINENCE: 6 MONTHS AND 1 YEAR FOLLOW-UP DATA

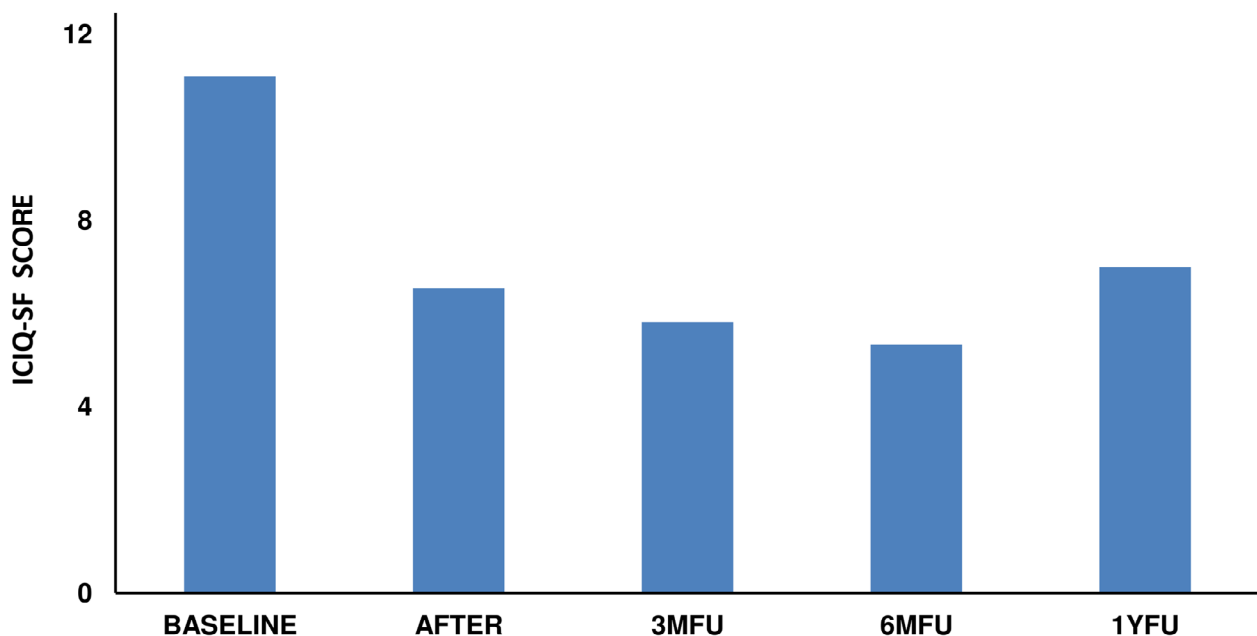
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Accepted for the 40th Annual Meeting of the American Society for Laser Medicine and Surgery, 2020; Phoenix, AZ

HIGHLIGHTS

- ICIQ-SF questionnaire showed **continuous improvement** in urinary incontinence up to **6 months**, while slightly receding at 1 year.
- HIFEM procedure considerably helped to **reduce** usage of **absorbent pads** from 3.0 pads/24 hours at the baseline to 1.4 pads/24 hours at 1 year.
- The data suggests that a **maintenance treatment** might be indicated in some patients at one year.



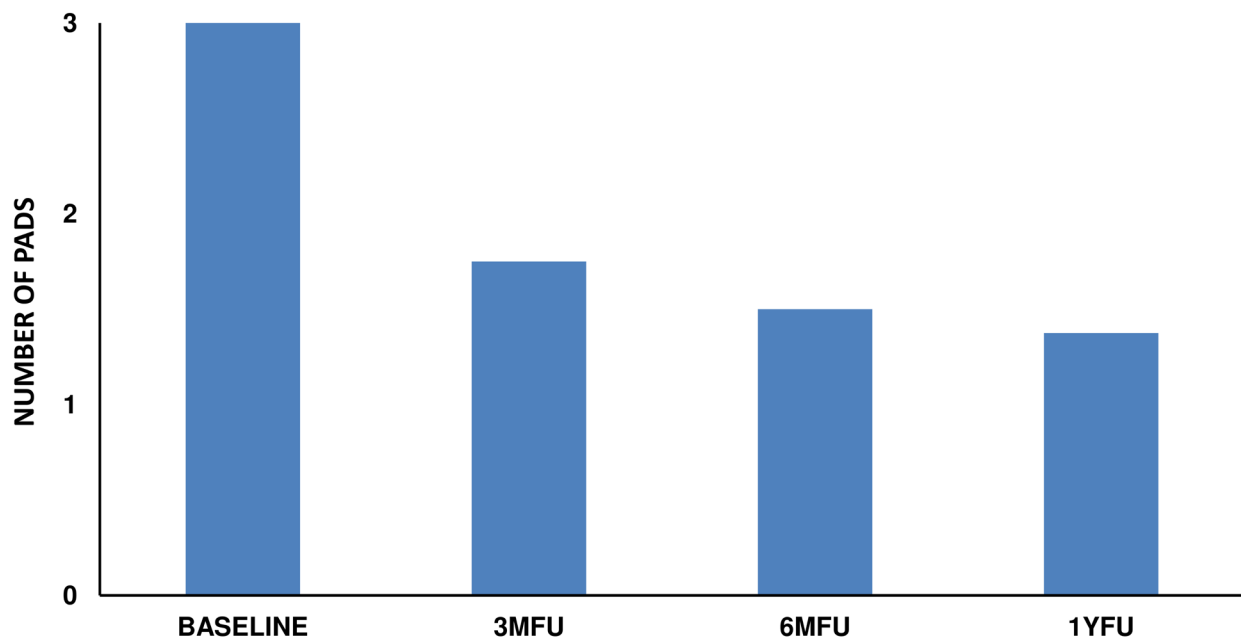
ICIQ-SF score throughout the whole study. Patients were constantly improving up to 6 months. There is a rise of ICIQ score at 1 year, mainly due to the results of one subject who reported complete loss of treatment outcomes 12 months post-treatment.

DESIGN AND METHODOLOGY

- **Eleven subjects** (60.91 ± 10.35 years, 2.27 ± 1.62 deliveries), who participated in a previously published multicenter study^a, were followed up to **1 year** after the completion of six HIFEM procedures applied on the pelvic floor area.
- Subjects suffered from various types of incontinence including stress, urge and mixed.
- Subjects' QOL was evaluated by **ICIQ-SF** and **pad-usage** questionnaires at the baseline, after the last treatment, at 3 months, 6 months and 1 year.

RESULTS

- ICIQ-SF questionnaire showed **significant** ($P < 0.01$) **reduction** of UI:
 - The baseline score of 11.09 ± 4.37 points declined by 51.91% (5.33 ± 2.94 points) at 6 months and by 36.89% (7.00 ± 3.92 points) at 1 year
 - Frequency of leakage occurrences was found to consistently decrease up to 6 months
- The **interference** of urine **leakage** with patient's everyday life **improved** from "*moderate*" to "*mild*" throughout the whole study.



Pad usage documented in study subjects. Reduced usage of absorbent pads was seen in four out of five patients who were using pads at the baseline. The achieved improvement was sustained at the 1 year when patients used only 1.4 pads in 24 hours.

^aSamuels JB, Pezzella A, Berenholz J, et al. Safety and efficacy of a noninvasive high-intensity focused electromagnetic field (HIFEM) device for treatment of urinary incontinence and enhancement of quality of life. *Lasers Surg Med* 2019;51(9):760–766.