

JPD

JOURNAL of PLASTIC and Pathology DERMATOLOGY



Official Journal of ISPLAD

Indexed in EMBASE/SCOPUS - ISSN 2035-0686

EDITOR in CHIEF
Antonino Di Pietro

Randomized clinical study of a tablet supplement and shampoo in healthy male volunteers for the treatment of Telogen Effluvium associated with mild to moderate androgenetic alopecia. Evaluation of efficacy and tolerability

Bianca Maria Piraccini, Francesca Bruni, Aurora Alessandrini, Michela Starace

Technological tests for the inclusion of pharmacological active ingredients within a polymeric hydrogel: comparing molecular structures

Tiziana Ciardiello

Atopic dermatitis - A particular location

Francesco Rizzuto, Maria Passante, Luigi Bennardo, Steven Paul Nisticò

**Skin manifestations associated with SARS-CoV-2 infection:
USCA ASL BN 1 experience**

Michele Pezza, Luca Sorice, Lidia Festa, Aurelio Di Palma, Angela Simone, Verdiana Zollo, Giovanni Izzo, Gianluca Giaquinto, Mario De Vita, Caterina Mazzone, Michele Basile, Maria Luisa Salerno, Pellegrino Longo, Alessandro Martone, Maria Concetta Conte, Gennaro Volpe, Tommaso Zerella, Annarita Citarella

**Efficacy and tolerability of a topical formulation on stretch marks and xerosis:
a confocal and ultrasound evaluation**

Caterina Mazzella, Mariateresa Cantelli, Maria Ferrillo, Gabriella Fabbrocini

Ten-year revision of breast augmentation with preoperative imaging diagnostics

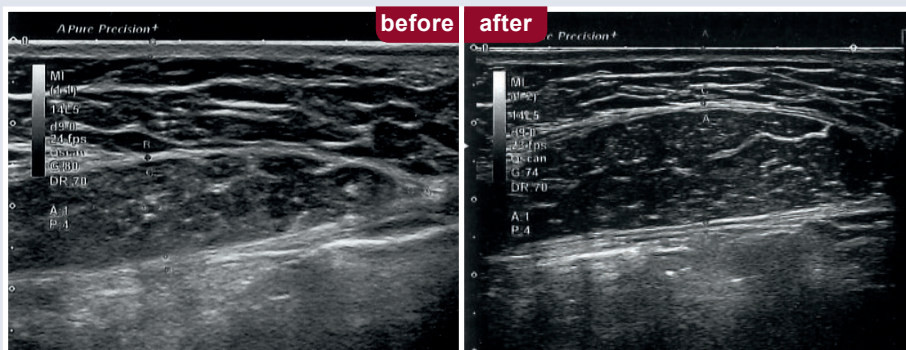
Giuseppe Colombo, Vittorio Ruvo, Massimo Calabrese, Irene Valente, Alessandro Garlaschi

Powered by



TOP FMS

Top Flat Magnetic Stimulation



A large number of people of both sexes (about 80%) are affected by problems involving excess weight and localized adiposity. There is a great demand from people to increase muscle tone for various reasons, including improve posture, physical aspect and increase basal metabolic rate that allow to increase fat consumption.

Schwarzy (DEKA MELA, Calenzano, Italy), represents a totally new approach to body remodelling that, thanks to its non-invasive TOP FMS (TOP Flat Magnetic Stimulation) technology, induces intense muscle contractions by stimulating motor neurons, not achievable through voluntary contractions. This device shows advanced performance thanks to its flat type emission, which allows a more homogeneous distribution of the intensity that directly reaches the tissues in depth, without any effect of skin damage. The device can act on different areas of the body thanks to its handpieces (flat, curve, ellipse) that adapt to the abdomen, buttocks, arms and legs, causing muscle contractions activated by electromagnetic energy. Treatment duration varies from 20 to 45 minutes, depending on protocols. The technology uses three types of different protocols that consider both the

current condition of the patient (training state) and his/her physical evolution in terms of improvement of the muscular state. The programs, therefore, are indicated for resumption or strengthening of muscles both from sedentary to fit patients. Moreover these protocols have been programmed with active phases alternating with rest phases, allowing optimal muscle recovery of the patient and avoid the onset of lactacidosis. These extreme conditions of muscular work, are not reproducible either through the normal muscle contractions that take place in the gym and neither with weight lifting or functional training.

Clinical results obtained already during 1 month follow-up after the last treatment with Schwarzy, showed tonification and strengthening of muscles, and the reduction of localized adiposity. The treatment lead to a significant reduction in waist circumference and an increase (15-20%) of muscle thickness in the abdominal area (Upper abdomen, Lower abdomen, Lateral abdomen and Rectus abdominis diastasis). The patients showed relatively high satisfaction during the sessions and immediately after the last treatment. Schwarzy is therefore a promising non-invasive device for muscle toning and the reduction of localized adiposity.

Figure 1. Abdominal echography of a patient before and 1-month after the last treatment. Visible fat reduction and improvement of Rectus abdominis's muscle thickness in the treated area are observed.

Courtesy Paolo Bonan M.D.