EMSCULPT neo®

The ONE in Body Shaping

MORE FOR LESS

EMSCULPT neo®

EMSCULPT NEO CERTIFICAÇÃO

EMSCULPT NEO é autorizado pelo CE para:

- **Tratamento de obesidade pela redução da gordura através da estimulação neuromuscular, pela lipólise induzida pela radiofrequencia e pelo aumento do fluxo sanguíneo.**

EMSCULPT NEO é liberado pelo FDA para:

- **Melhora do tônus abdominal, fortalecimento dos músculos abdominais, desenvolvimento do abdômen mais firme.**
- **Fortalecimento, Tonificação e Firmeza das nádegas, coxas e panturrilhas Melhora do Tônus e firmeza muscular, e para fortalecimento dos braços.**
- **Lipólise não invasiva (decomposição da gordura) do abdomen e coxas em fototipo I a III.**
- **Redução de circunferência do abdômen e coxas em fototipo I a III.**

TECNOLOGIA

A INOVAÇÃO CONTINUA

EMSCULPT NEO®

A COMBINAÇÃO DE RF SINCRONIZADA & HIFEM+ EM UM ÚNICO EQUIPAMENTO

RF Sincronizada
para eliminação de gordura

HIFEM+
para construção de músculos

MAIOR RESULTADO PARA O PACIENTE*

30% MENOS GORDURA

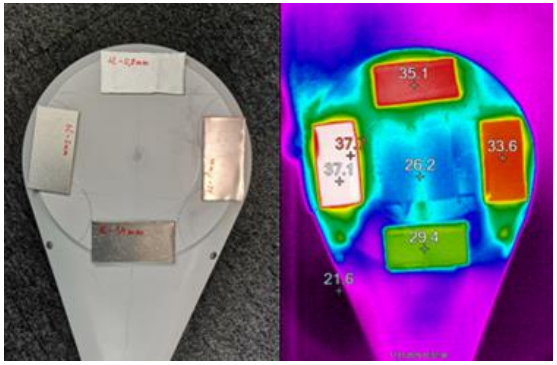
25% MAIS MÚSCULOS

19% REDUÇÃO DA DIÁSTASE

ATÉ 5.9 CM REDUÇÃO DA CIRCUNFERÊNCIA DA CINTURA

*Abdominal toning and reduction of subcutaneous fat with combination of novel radiofrequency treatment and HIFEM procedure - MRI scan study. Jacob C et al. Presented at ASDS 2020 Virtual Meeting. Radiofrequency heating and HIFEM delivered simultaneously - the first sham-controlled randomized trial. Katz B et al. Presented at ASDS 2020 Virtual Meeting. Ultrasound evaluation of the simultaneous RF and HIFEM treatments on human fat tissue. Denkova R. Source: U.S. Food and Drug Administration. 510(k) Premarket Notification: K192224.Published online on December 5, 2019.TÉ

NORMALMENTE RF E CAMPO ELECTROMAGNÉTICO NÃO SE MISTURAM



Imagens mostrando o aquecimentos das partes de metal como resultado da exposição à HIFEM™ por um período de tempo.

Eletrodos de RF são de metal e possuem uma boa condutibilidade elétrica.

Objetos de metal **são contraindicados para HIFEM** porque eles são rapidamente aquecidos quando expostos a um campo eletromagnético.

Devido à interação mútua, os mesmos metais também são **fisicamente repelidos do aplicador ou bobina.**

Isso torna qualquer combinação dessas duas tecnologias, **tecnicamente impossível.**

O PRIMEIRO ELETRODO SINCRONIZADO DE RF™

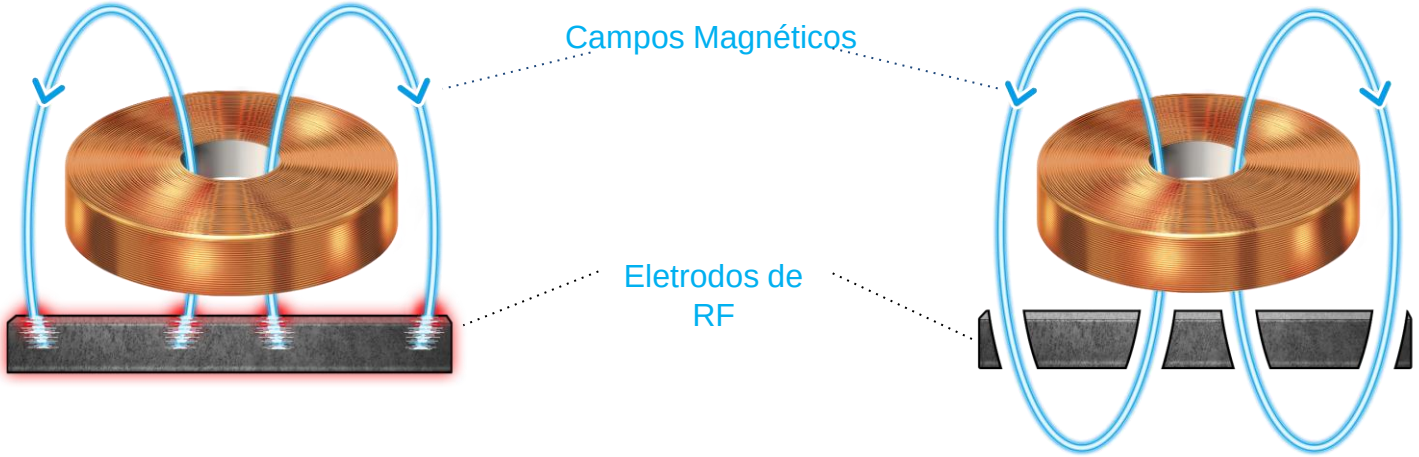
EMSCULPT NEO introduz **um conceito patenteado de aplicação combinada de RF e campo magnético** usando eletrodos constituídos por centenas de **segmentos intercalados** que interagem mutualmente (sincronizados)**.**

Esse é **o único aplicador do mundo** que permite **emitir RF e campo magnético de alta intensidade** ao mesmo tempo.

A ENGENHARIA POR TRÁS DESTA COMBINAÇÃO

CAMPO MAGNÉTICO & E ELETRODO SÓLIDO

CAMPOS MAGNÉTICO & ELETRODO RF SINCRONIZADA™

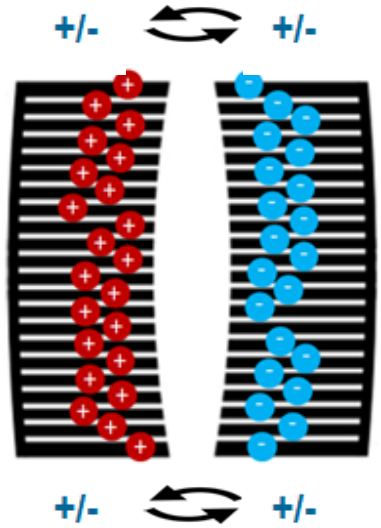


O eletrodo sólido exposto ao campo EM atua como um aquecedor por indução. Essas correntes parasitas surgem nas partes metálicas e cria calor. **As tecnologias não podem trabalhar juntas.**

Os espaços **intercalados** especialmente projetados, tornam **os eletrodos transparentes para o campo magnetico.** Isso diminui a interação com a RF e minimiza a indução de correntes parasitas.

O DESIGN DO ELETRODO DE RF SICNRONIZADA™

Um único aplicador incorpora 112 segmentos de eletrodos
(2 eletrodos separados com +/- 56 polos cada um).



A polaridade dos segmentos do eletrodos é rapidamente alternada, então os campos elétricos entre os eletrodos também são alternados. **Isso força as moléculas oscilarem e criarem calor por fricção.**

EMSCULPT NEO

PROGRAMAS DE TRATAMENTOS

PROGRAMAS

- Emsculpt NEO permite 3 programas diferentes
- Cada programa tem indicação diferente
- Cada parte do corpo tem diferentes programações disponíveis

PROGRAMA DE TRATAMENTO

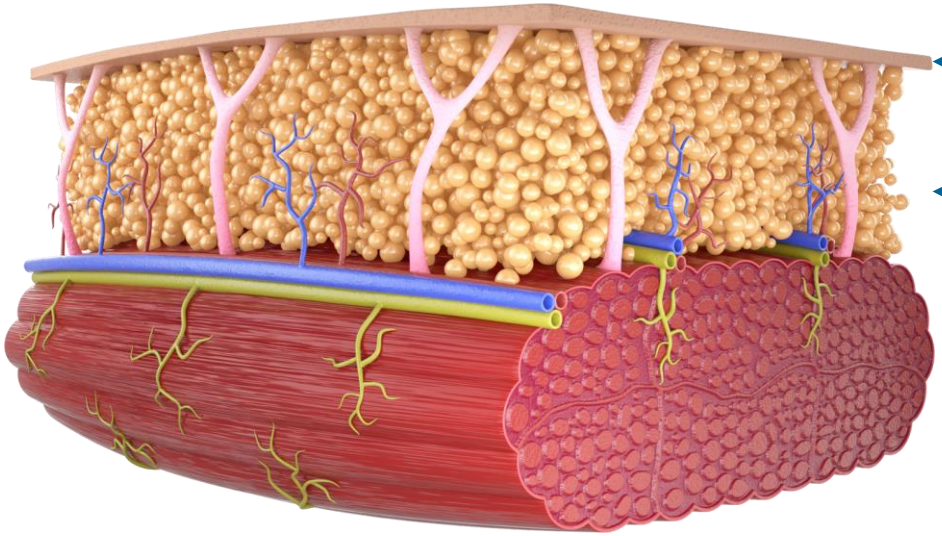
- Sessão de 30 minutos
- 4 sessões (5-10 dias de intervalo)

PROGRAMA

HIFEM+
RF ADVANCE

O PERFIL TÉRMICO DO PROGRAMA HIFEM+RF ADVANCE

A gordura tem a menor condutividade e por isso é aquecida seletivamente para altas temperaturas quando comparado com a pele e com o músculos.



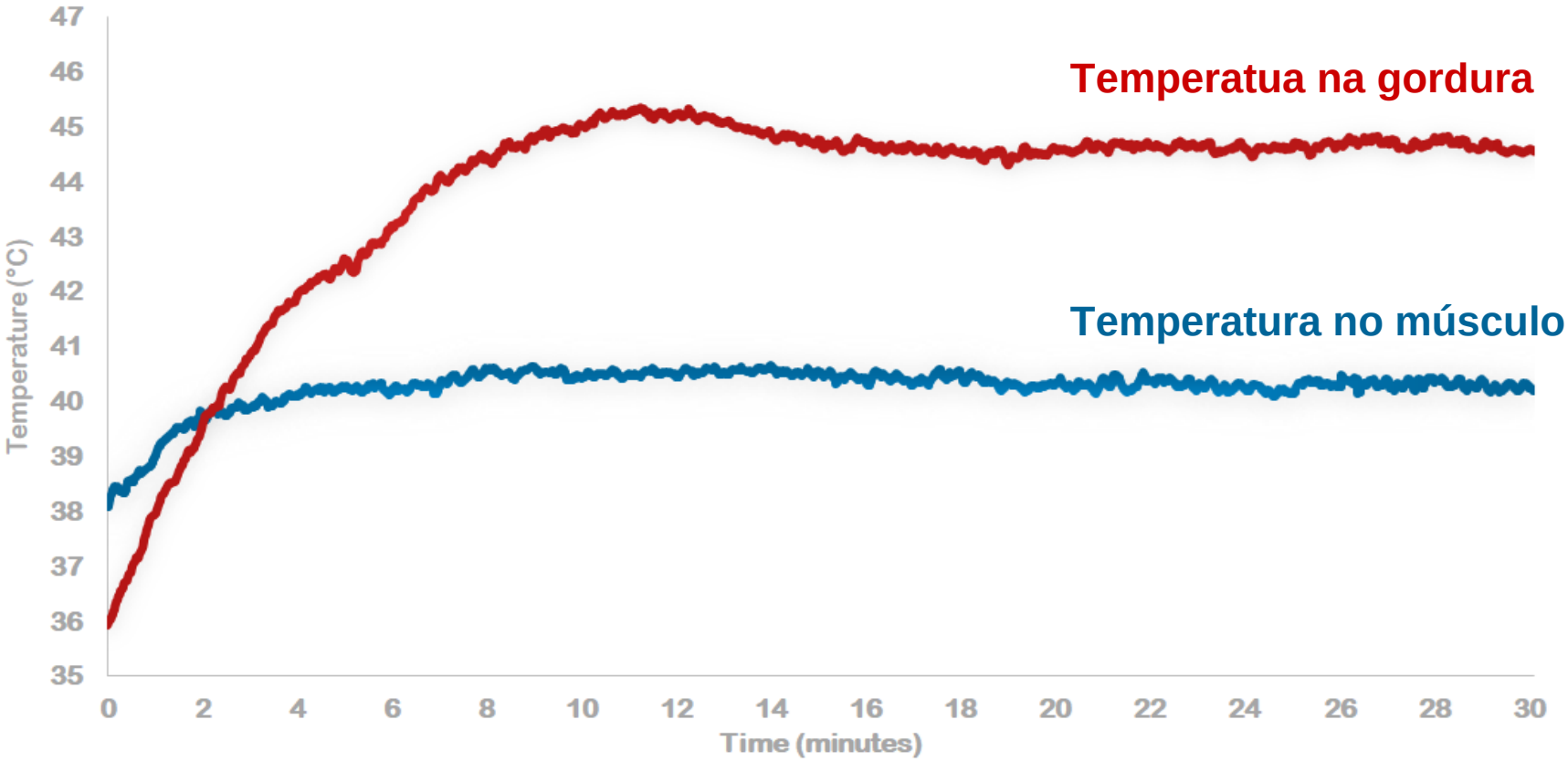
Até 42°C

43-45°C

40-41°C

*Data on File

EFEITOS NOS TECIDOS - PROGRAMAÇÃO RF ADVANCE



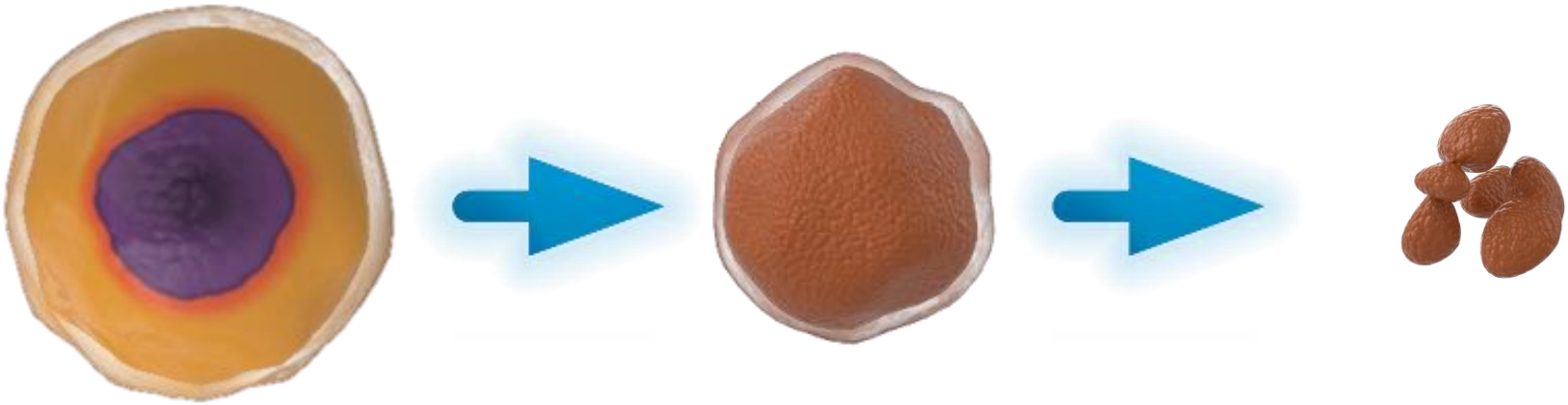
Temperatura terapêutica 42°C na pele:

- Inicio da apoptose da gordura em 4 minutos
- Elevação da temperatura no músculos em 2 minutos

*Data on File

EFFECTS ON THE ADIPOSE TISSUE

A exposição ao calor **entre 42-43°C por** um certo tempo, auma grande porção de células **de gordura iniciam sua morte programada** [1].
Isso leva à quebra da gordura e perda da integridade do adipócito, **APOPTOSE DA GORDURA.**
Os resíduos da célula são removidos.



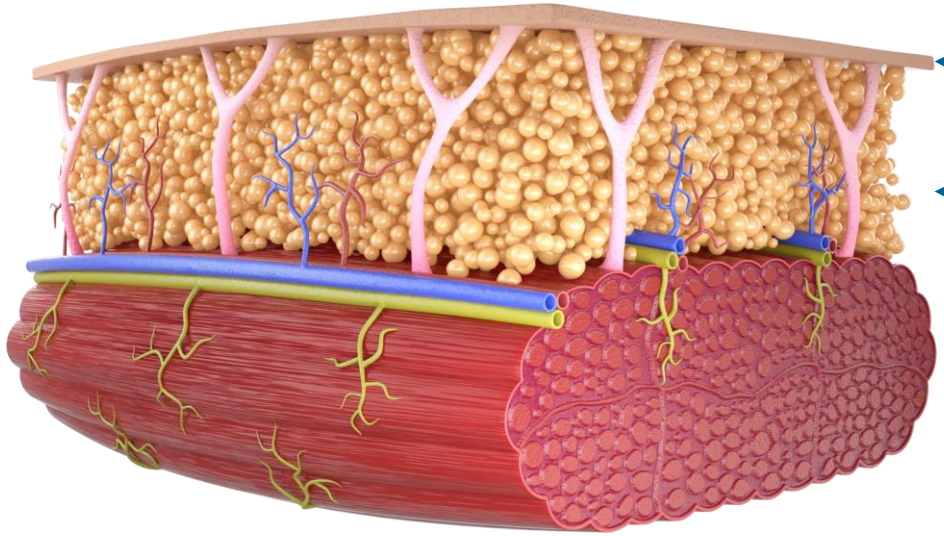
[1]Hyperthermic Injury to Adipocyte Cells by Selective Heating of Subcutaneous Fat With a Novel Radiofrequency Device: Feasibility Studies. Franco W. et al. Lasers Surg Med 42:361-370 (2010). [2]Weiss RA, Bernardy J, Tichy F. Radiofrequency Treatment Used in Combination with HIFEM therapy: Histological Analysis including Scanning Electron Microscopy of Adipocytes. In: Pheonix, Arizona, USA: ASLMS; 2020.

PROGRAMA

HIFEM +
RF GENTLE

PERFIL TÉRMICO DA POGRAMAÇÃO HIFEM+RF GENTLE

A gordura tem a menor condutividade e por isso é aquecida seletivamente para altas temperaturas quando comparado com a pele e com o musculos.



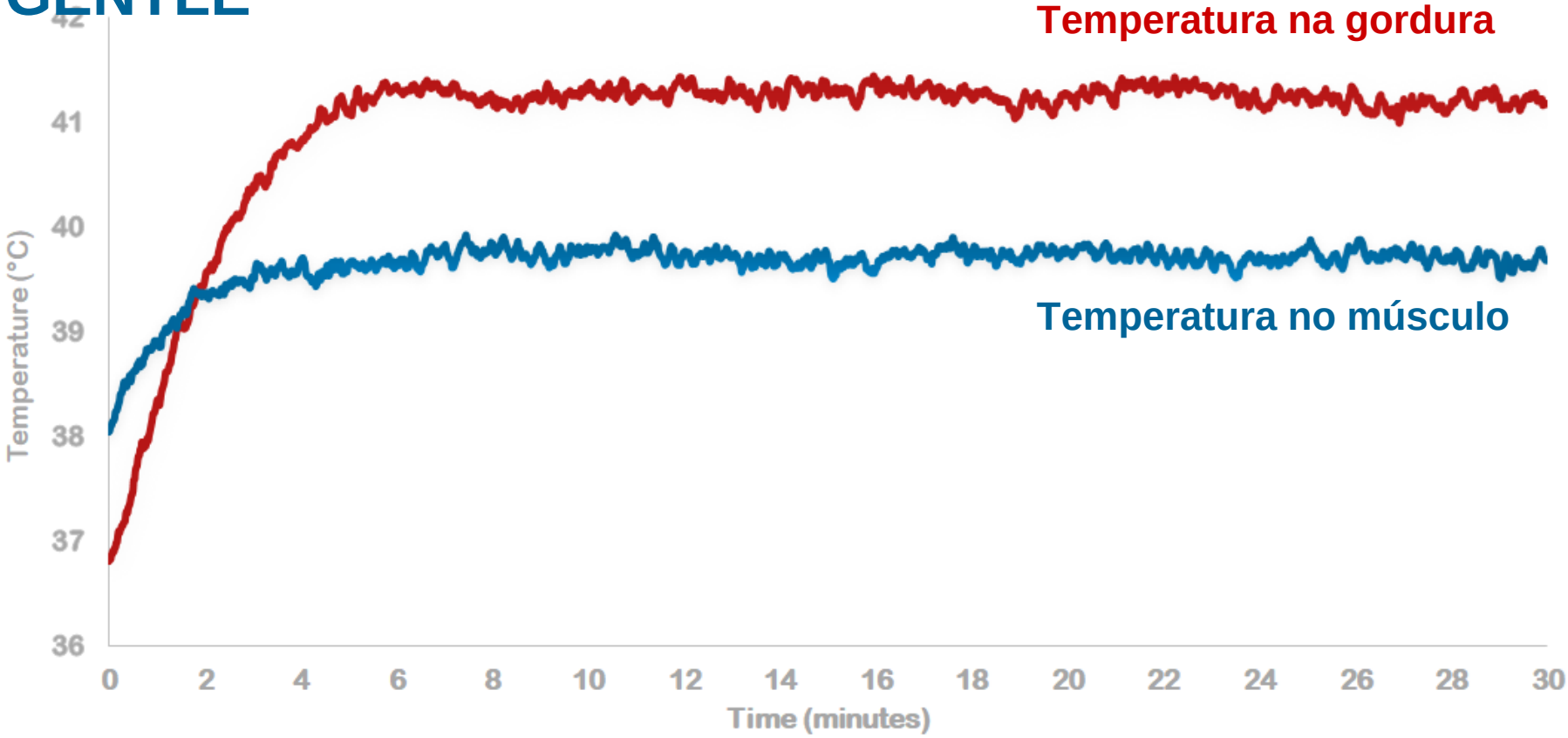
Até 40°C

Até 42°C

Até 40°C

*Data on File

EFEITOS NOS TECIDOS - PROGRAMAÇÃO GENTLE



Temperatura terapêutica 40°C na pele:

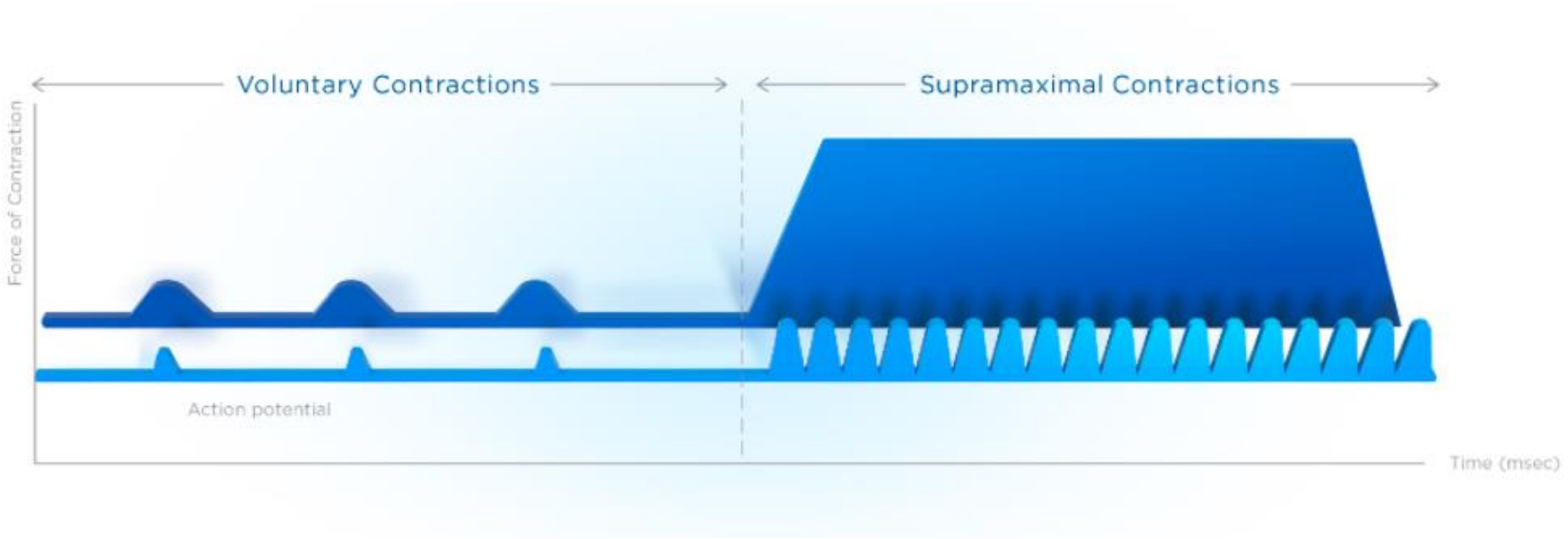
- Não inicia a apoptose na gordura durante o tratamento
- Elevação da temperatura no músculos em 2 minutos

*Data on File

PROGRAMA

HIFEM CLASSIC

EFEITOS NOS TECIDOS – SEM EFEITO TERMICO



- Programação do equipamento original Emsculpt
- Não há o componente da RF Sincronizada
- Não há aquecimento nos músculos

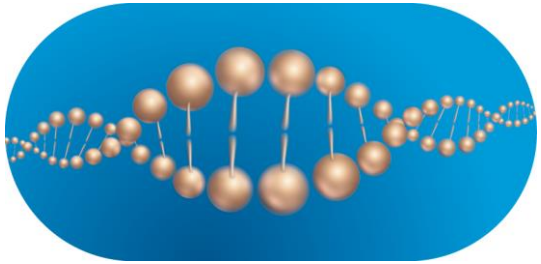
*Data on File

HIFEM+RF
BENEFÍCIOS DO TRATAMENTO

OS BENEFÍCIOS DO AQUECIMENTO MUSCULAR

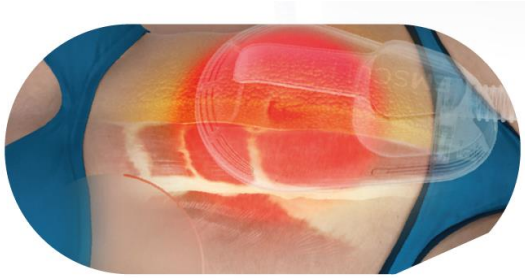
AUMENTO DO SUPORTE SANGUINEO

Maior entrega de Oxigênio e Nutrientes, regeneração muscular mais rápida e crescimento muscular



PROTEINAS DE CHOQUE

Aumento significativo da expressão e da ação das proteínas de choque, as quais possuem papel crucial na Hipertrofia muscular*

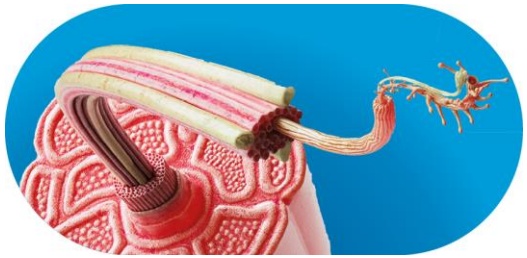


AUMENTO DO CONFORTO

Com os músculos pré aquecidos, pacientes toleram maiores intensidades de contração muscular num tempo mais curto. Isso melhora ainda mais os resultados do tratamento .

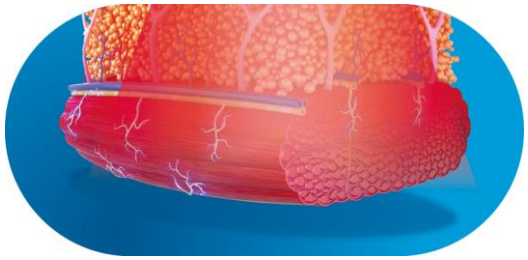
Halaas Y, Bernardy J, Ondrackova P, Dinev I. The skeletal muscle satellite cell activation by a combination of HIFEM procedure and radiofrequency treatment for body contouring: A first look at the NCAM/CD56 facilitated detection by fluorescent microscopy. In: Pheonix, Arizona, USA: ASLMS; 2020. Mayo Clinic 2019. https://www.mayoclinic.org/healthy-lifestyle/fitness/in-depth/exercise/art-20045517 ;
*Data on file

EFEITOS NO TECIDO MUSCULAR



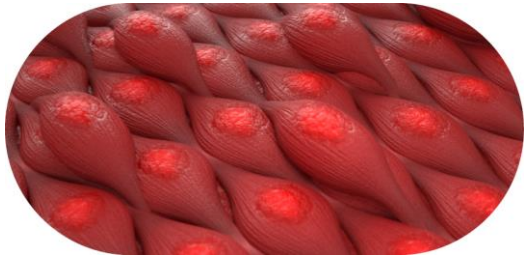
RESULTADOS MAIS RÁPIDO QUE EXERCÍCIOS

Estudos mostram que o tratamento com Emsculpt NEO ativa as células de suporte ao crescimento muscular, efeito este que é similar ao efeito de um programa de treinamento de Resistencia de 12 a 16 semanas***.**



ESCULTURA DOS MUSCULOS AQUECIDOS

Devido à combinação de RF, o EMSCULPT NEO é **o único equipamento no mundo que estimula músculos aquecidos para alcançar resultados ideais.**



AUMENTO MUSCULAR

Isso leva ao crescimento volumétrico – Hipertrofia e aumento do número de fibras musculares - Hiperplasia). **Média de crescimento muscular de 25%**.**

*

RESULTADOS

BEFORE

AFTER EMSCULPT NEO

3 MONTHS AFTER THE LAST TREATMENT, COURTESY OF: BRUCE E. KATZ, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE

AFTER EMSCULPT NEO

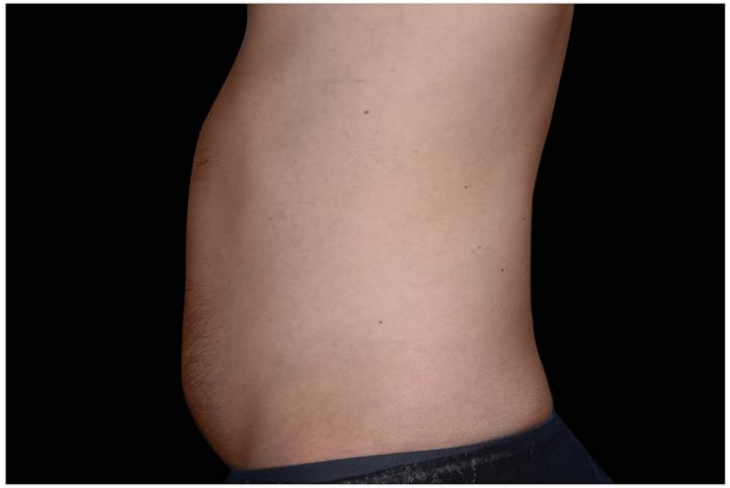
3 MONTHS AFTER THE LAST TREATMENT, COURTESY OF: BRUCE E. KATZ, M.D.

BEFORE

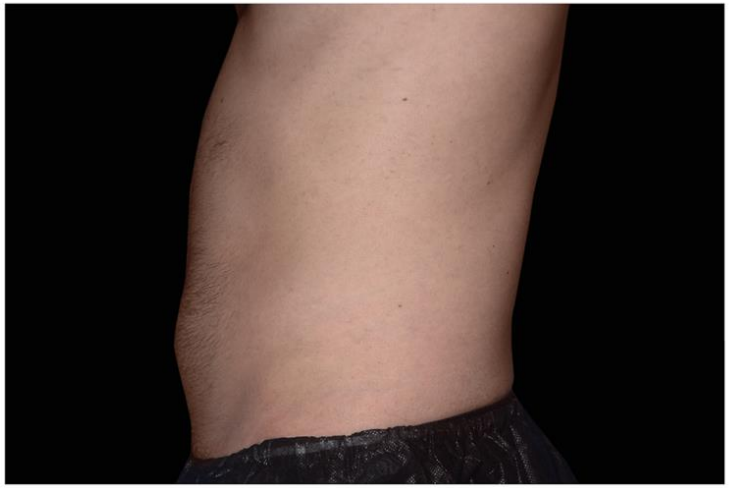
AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE



AFTER EMSCULPT NEO



3 MONTHS AFTER THE LAST TREATMENT, COURTESY OF: CAROLYN JACOB, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE

AFTER EMSCULPT NEO

3 MONTHS AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DAVID KENT, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: BRUCE E. KATZ, M.D.

BEFORE

AFTER EMSCULPT NEO

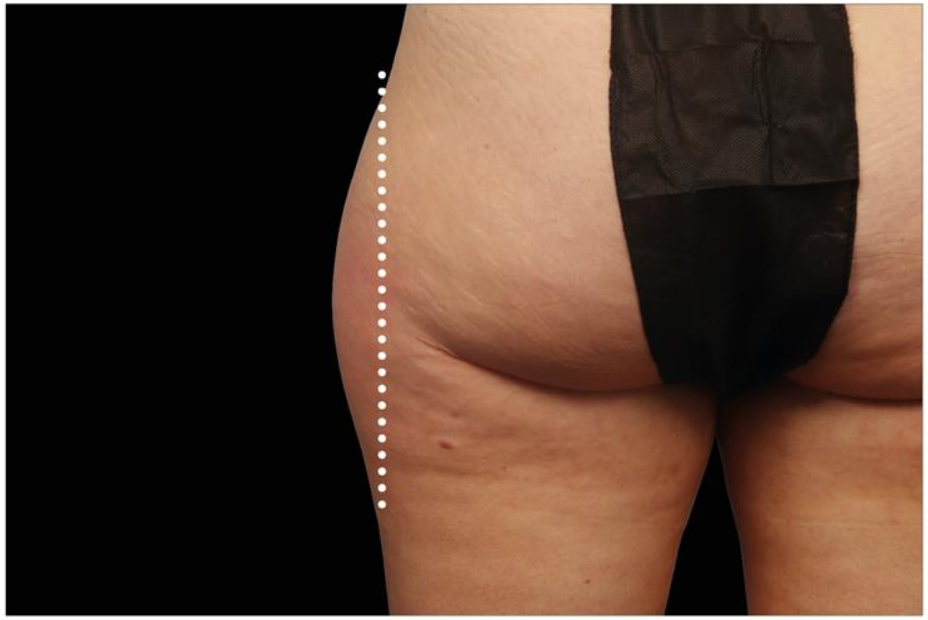
IMMEDIATELY AFTER THE LAST TREATMENT, COURTESY OF: KLAUS HOFFMANN, M.D.

BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: BTL AESTHETICS

BEFORE



AFTER EMSCULPT NEO

IMMEDIATELY AFTER THE LAST TREATMENT, COURTESY OF: MELANIE PALM, M.D.

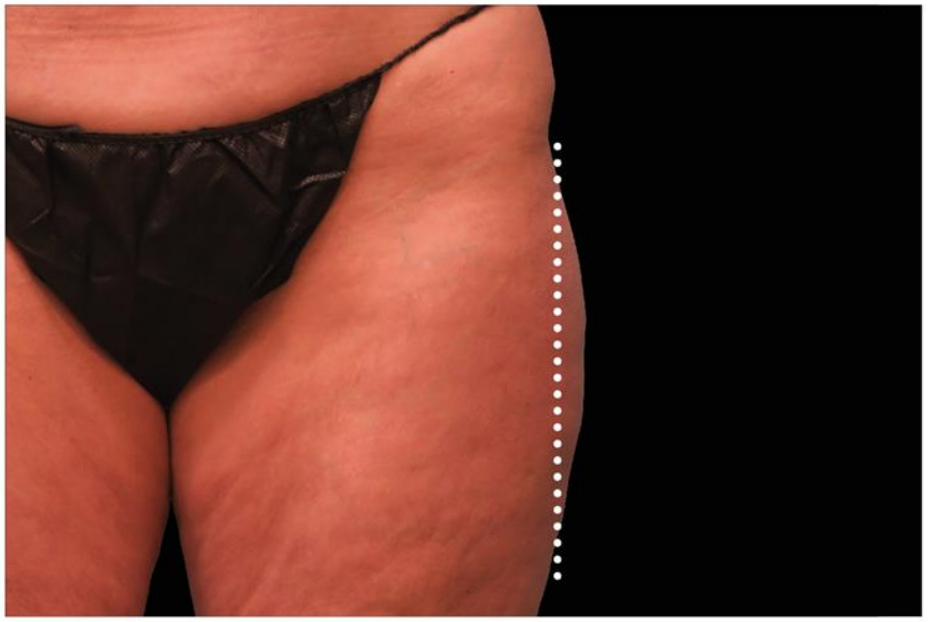
BEFORE

AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: BTL AESTHETICS

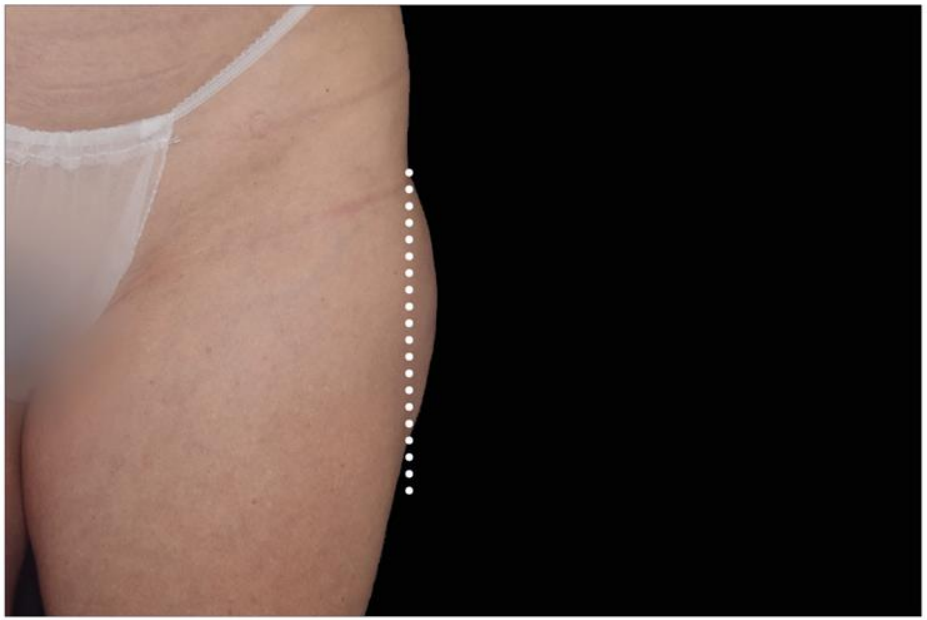
BEFORE

AFTER EMSCULPT NEO

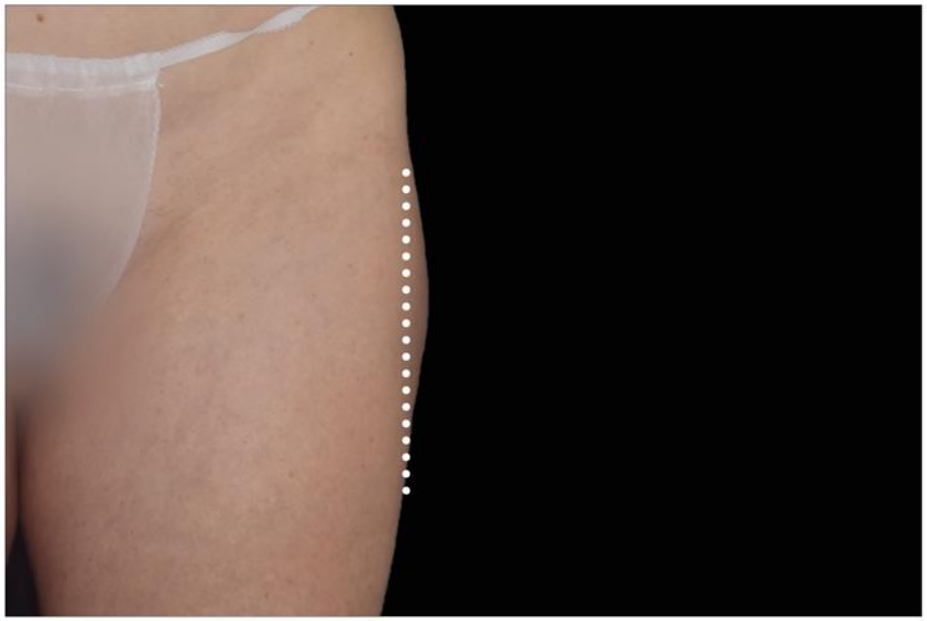


1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: BRIAN KINNEY, M.D.

BEFORE

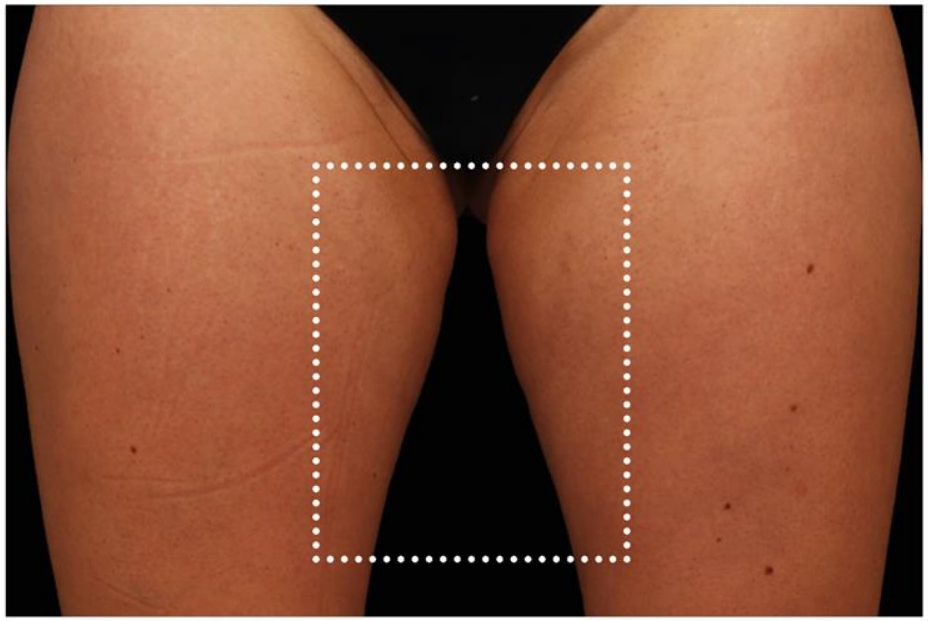


AFTER EMSCULPT NEO

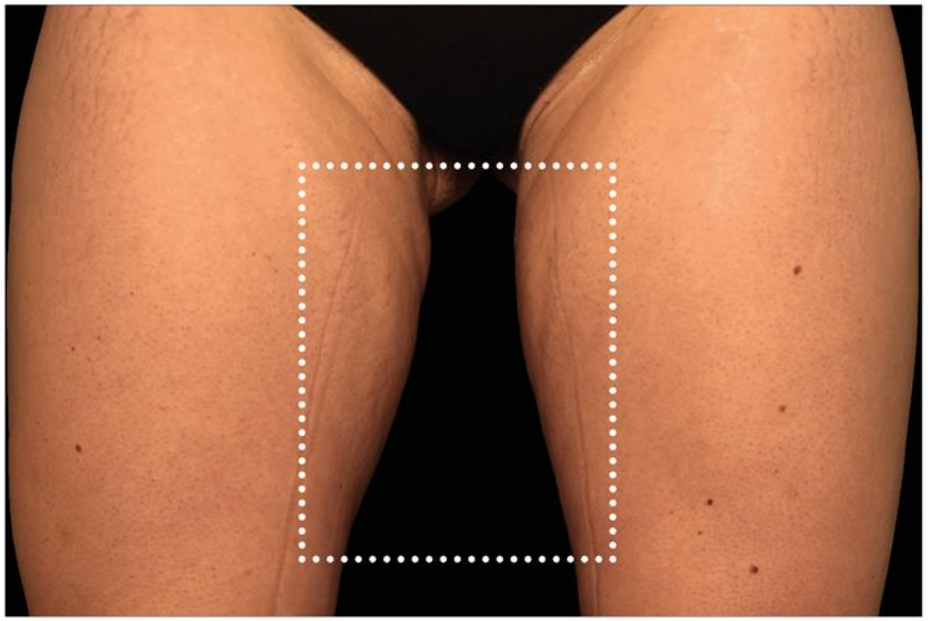


1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: YAEL HALAAS, M.D.

BEFORE

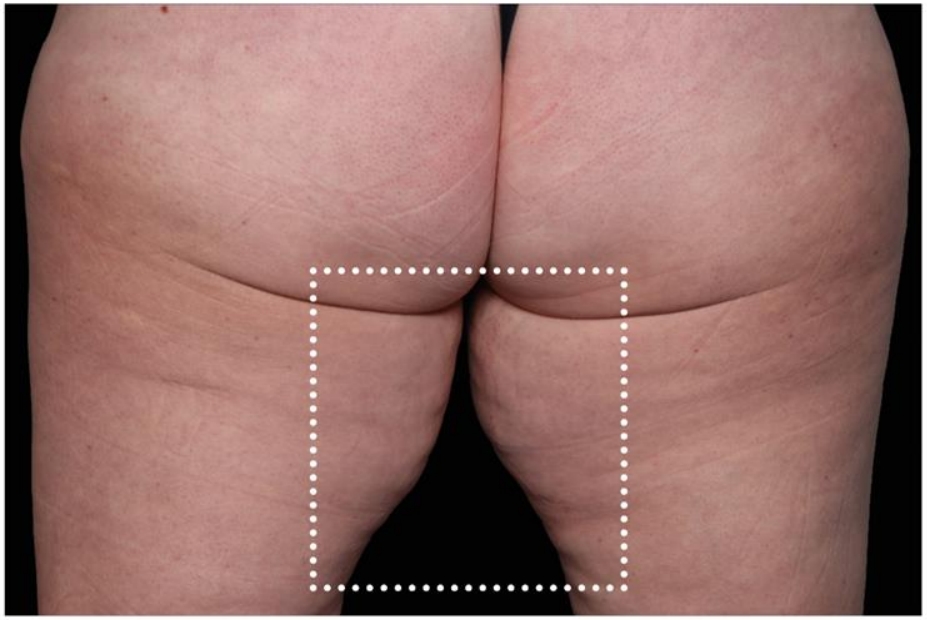


AFTER EMSCULPT NEO



1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DIANE DUNCAN, M.D.

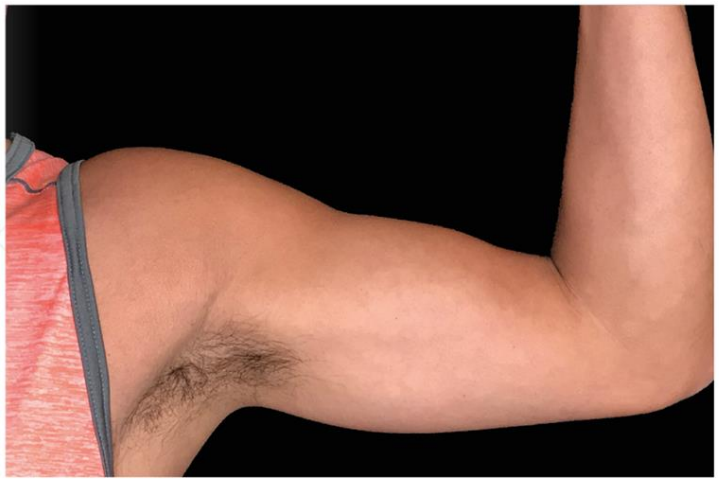
BEFORE



AFTER EMSCULPT NEO

1 MONTH AFTER THE LAST TREATMENT, COURTESY OF: DIANE DUNCAN, M.D.

BEFORE



AFTER **EMSCULPT**

2 WEEKS AFTER THE LAST TREATMENT, COURTESY OF: SUH ESTHETICS

BEFORE

AFTER **EMSCULPT**

2 MONTHS AFTER THE LAST TREATMENT, COURTESY OF: WINSTON SALEM DERMATOLOGY & SURGERY CENTER

BEFORE

AFTER **EMSCULPT**

4 WEEKS AFTER 4th TREATMENT, COURTESY OF: RAMINDER SALUJA, M.D.

BEFORE

AFTER **EMSCULPT**

4 WEEKS AFTER 4th TREATMENT, COURTESY OF: RAMINDER SALUJA, M.D.

ESTUDOS CLÍNICOS

30 PUBLICAÇÕES PEER-REVIEWED

*Based on all HIFEM studies.

RESUMO DOS NOVOS ESTUDOS DO EMSCULPT NEO

9

Novos **estudos da aplicação simultânea** de RF Sincronizada e HIFEM+

30+

Mais que **30** investigadores envolvidos

-30%

Redução de Gordura em 3 meses

+25%

Crecimento Muscular em 3 meses

-19%

Separação Abdominal em 3 meses

-5.9cm

Redução de Circunferência cintura

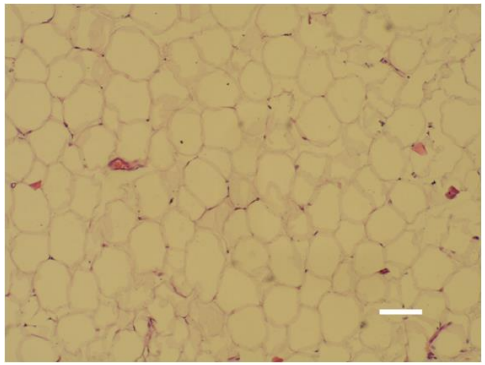
***Data on file**

HUMAN HISTOLOGY STUDY

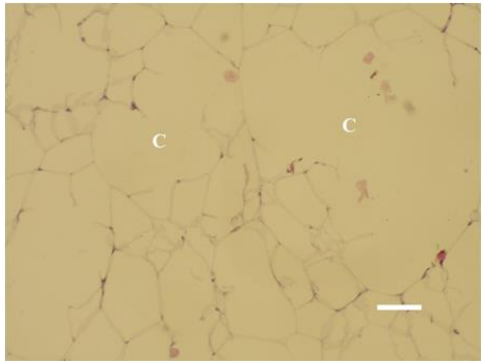
Clinical Evaluation of the BTL-899 Device for Non-invasive Lipolysis Human Fat Tissue. Denkova R. 2019.

N = 8 subjects

- Biopsies were taken at baseline, 10 days and 20 days post treatment
- **Apoptotic and lipolytic changes observed at 10 days**. At 20 days intensive fat cell disruption peaked
- Deformed nucleus and pyknotic **nucleus indicating cell death**
- Proved the efficacy of EMSCULPT NEO for non-invasive breakdown of fat



Baseline



20 days after

https://www.accessdata.fda.gov/cdrh_docs/pdf19/K192224.pdf

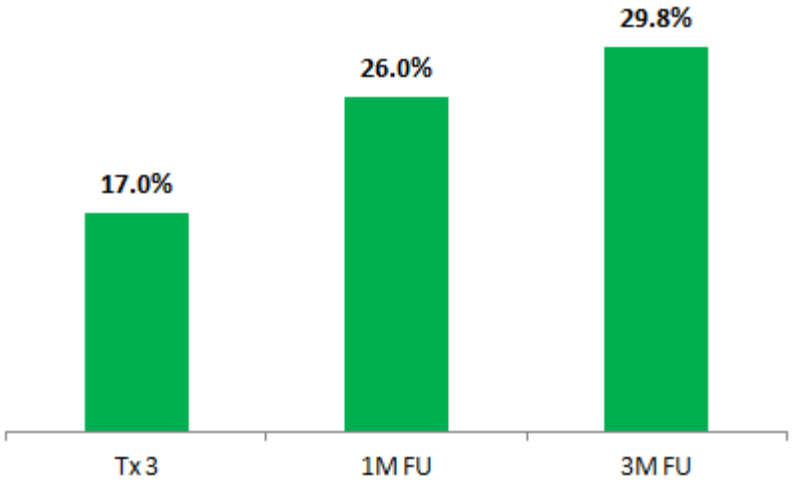
HUMAN ULTRASOUND STUDY

Effect of the BTL-899 Therapy for Non-invasive Lipolysis and Circumference Reduction of Abdomen. Denkova R. 2018.

N = 42 patients (29 women, 13 men)
3 treatments (30 min each; 1 per week)

29.8% **Fat reduction**

88% **Patient satisfaction**



Fat reduction over time

https://www.accessdata.fda.gov/cdrh_docs/pdf19/K192224.pdf

PORCINE MUSCLE HISTOLOGY

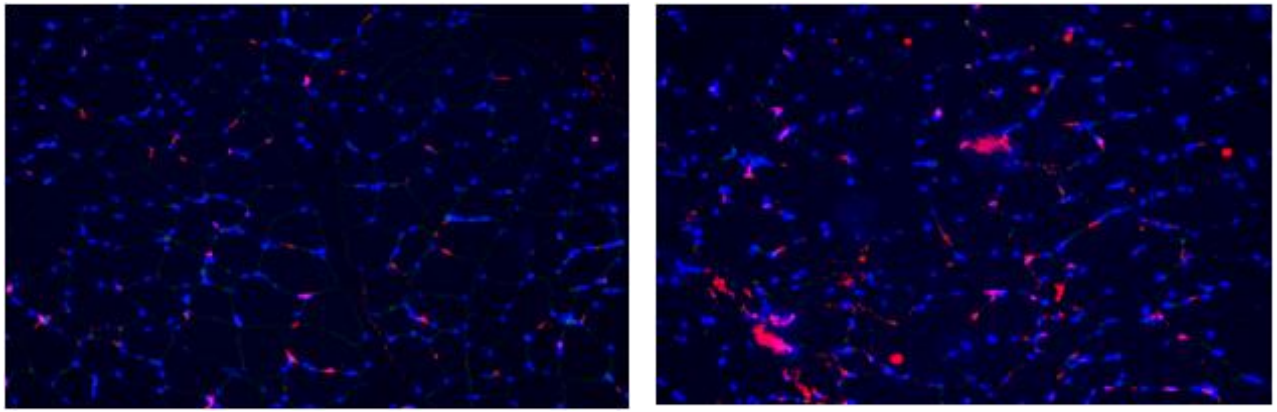
Activation of Skeletal Muscle Satellite Cells by a Device Simultaneously Applying High-Intensity Focused Electromagnetic Technology and Novel RF Technology: Fluorescent Microscopy Facilitated Detection of NCAM/CD56 Y. Halaas MD, D. Duncan MD, MVDr. J. Bernardy Ph.D., MVDr. P. Ondrackova Ph.D., I. Dinev DVM, Ph.D., DSc

- 5 white large pigs, 3x30min treatments on abdomen
- The treatment **increases the satellite cells levels by 30.2%** 2 weeks post-treatment
- Histology showed **hypertrophic changes along with signs of newly formed myofibers**
- The effect is **comparable with 12-16 weeks long exercise** programs

30.2%

Increase in the satellite cell level

Immunofluorescence images of satellite cell levels (red) at baseline (left) and 2 weeks post-treatment (right)



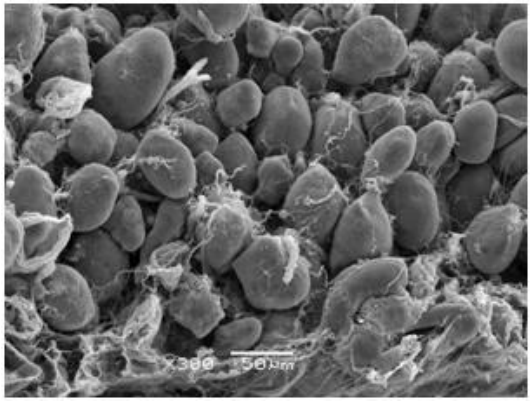
https://academic.oup.com/asj/advance-article/doi/10.1093/asj/sjab002/6089068?searchresult=1

PORCINE FAT HISTOLOGY

Radiofrequency Treatment Used in Combination with HIFEM therapy: Histological Analysis including Scanning Electron Microscopy of Adipocytes.R. A. Weiss MD, FAAD, MVDr J. Bernardy Ph.D., Prof MVDr F. Tichy CSc.

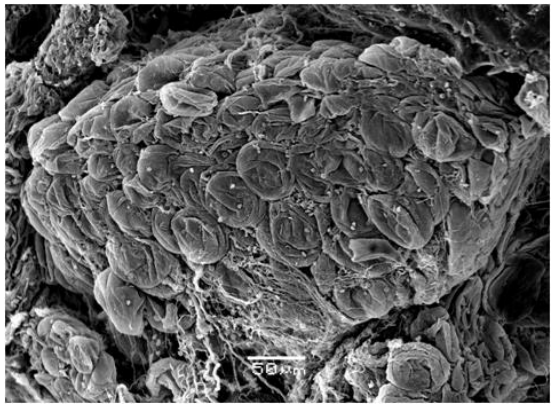
- 7 White Large pigs, 3x30min treatments on abdomen
- Post-treatment the adipocytes were **damaged (apoptosis)** and/or **shrunk (lipolysis)**
- **31.1%** decrease of adipocytes' area at 2 weeks post-treatment
- The fat temperature was maintained **just below 45°C for more than 20 minutes**
- Histology and SEM showed **efficacy** of the procedure for **disruption of adipocytes**

BASELINE



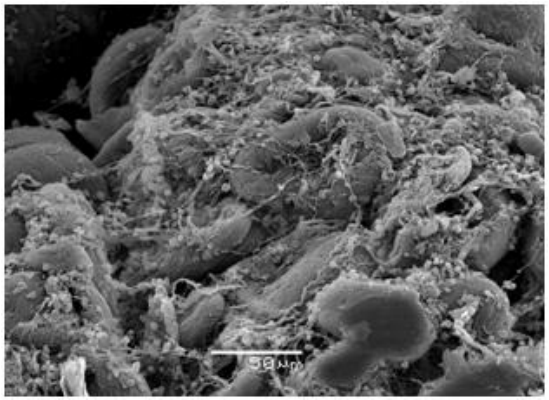
Healthy fat cells with well-defined shape

4 DAYS AFTER



Shrunk adipocytes with noticeable membrane ruptures

2 WEEKS AFTER



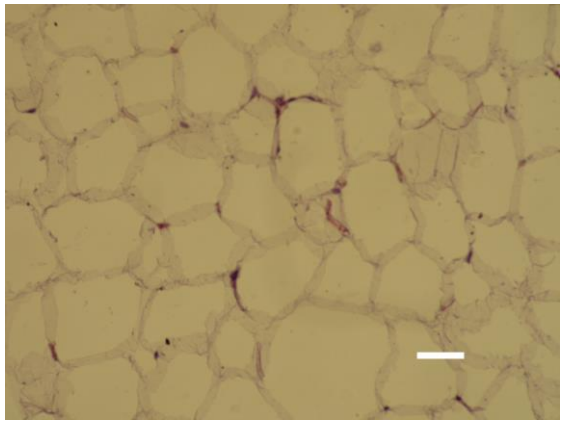
Disrupted adipocytes with extrusion of lipid droplets

HUMAN FAT HISTOLOGY

Deletion of adipocytes induced by a novel device simultaneously delivering synchronized radiofrequency and HIFEM: Human histological study.
David J. Goldberg MD, JD

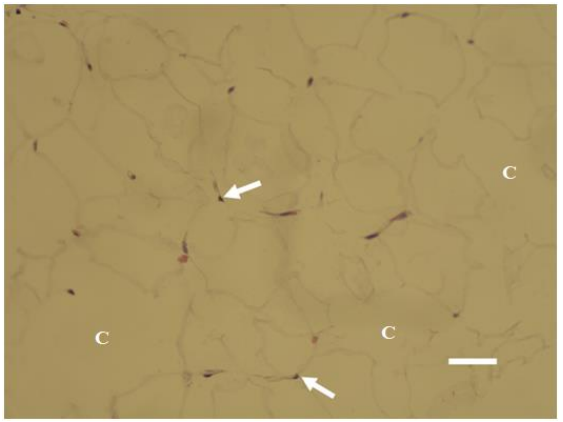
- **Elimination of adipocytes** and significant reduction in size of fat cells resulted in overall reduction of fat tissue
- Adipocytes were **shrunk** with noticeable **ruptures of cytoplasmic membrane**
- **Control samples** demonstrated **no treatment-related changes** in fat tissue
- **Fat temperature** was maintained between **43-45°C** for the entire treatment

BASELINE



Healthy fat cells with well-defined shape

1 MONTH AFTER



Disrupted (C) and shrunk fat cells

https://onlinelibrary.wiley.com/doi/10.1111/jocd.13970

THE MRI STUDY

Abdominal toning and reduction of subcutaneous fat with combination of HIFEM procedure and radiofrequency treatment. Carolyn Jacob MD, David Kent MD. N = 41 patients

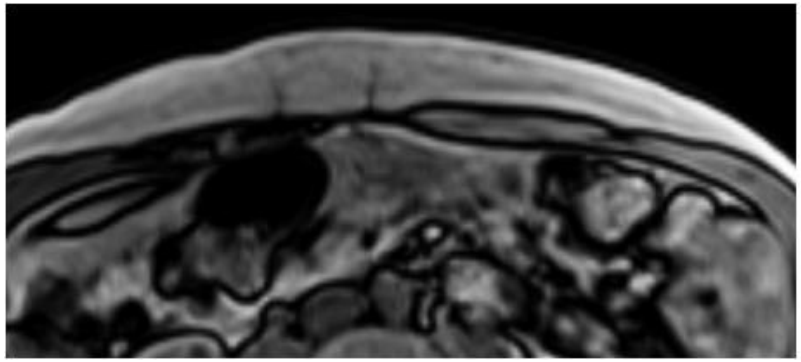
RESULTS AT 3 MONTHS POST-TREATMENT

30.8%
Average fat reduction

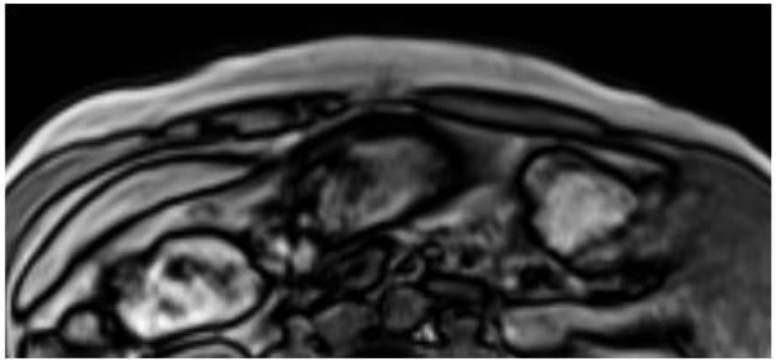
26.1%
Average increase in muscle

18.8%
Average reduction in abdominal separation

5.9cm
Average circumferential reduction



Before



3 months after

THE ULTRASOUND STUDY

Novel radiofrequency device used in combination with HIFEM procedure for abdominal body shaping: Sham-controlled randomized trial. B.E. Katz MD, R. Weiss MD, J. Samuels MD. N = 72 patients.

RESULTS AT 3 MONTHS

28.3%

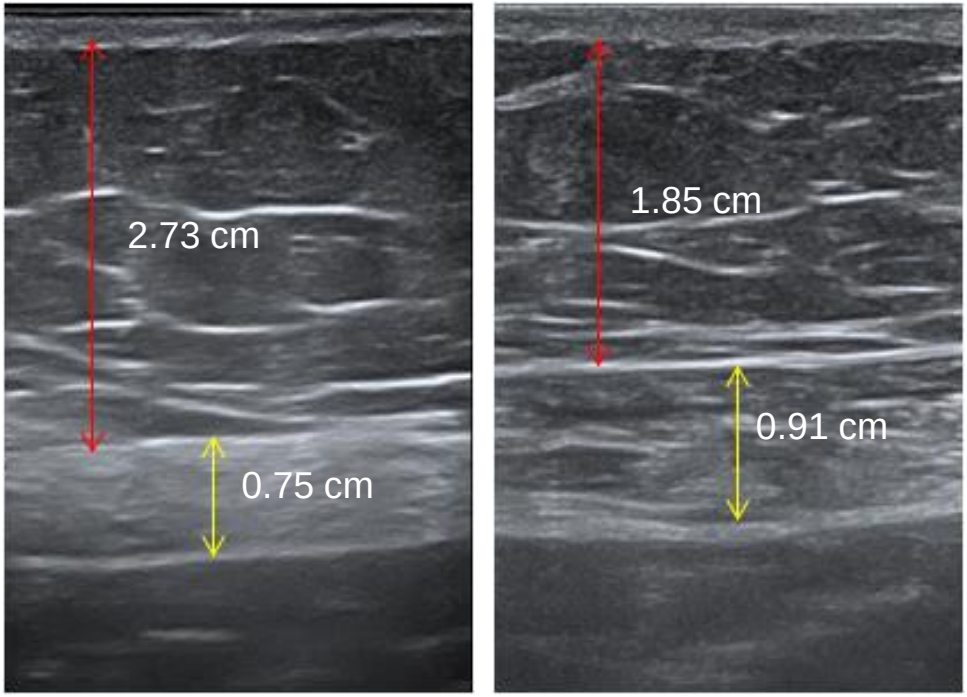
Average fat reduction

24.2%

Average increase in muscle

93.9%

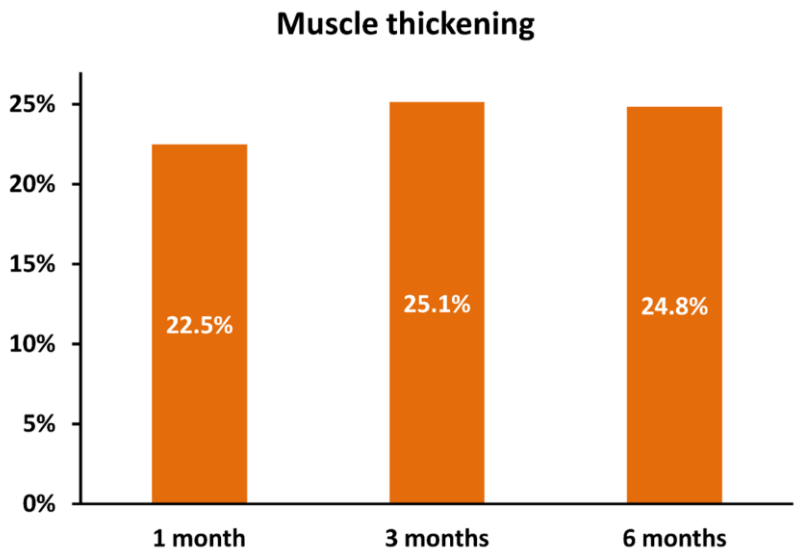
Patient satisfaction

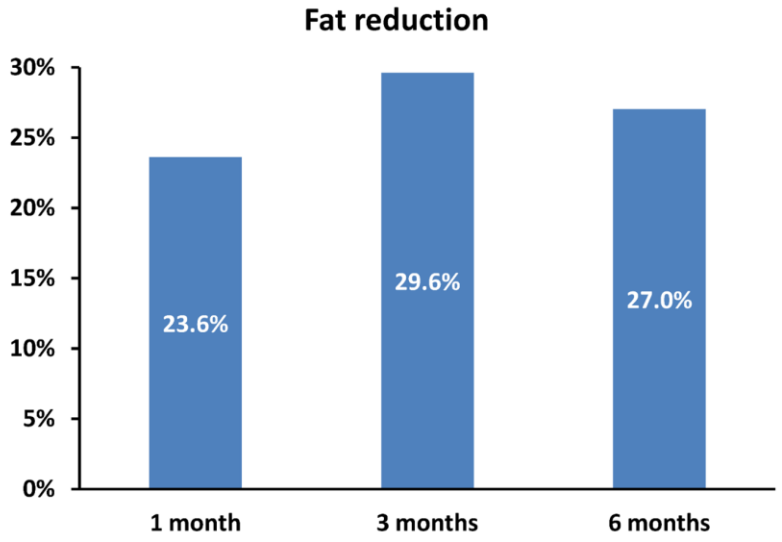


Before **1 month after**

DOCUMENTED RESULTS OVER TIME

Data based on results of 3 clinical studies and 125+ patients:





Best results were documented 3 months post-treatment.

Abdominal toning and reduction of subcutaneous fat with combination of novel radiofrequency treatment and HIFEM procedure - MRI scan study. Jacob C. et al. Presented at ASDS 2020 Virtual Meeting.
Radiofrequency heating and HIFEM delivered simultaneously - the first shamcontrolled randomized trial. Katz B. et al. Presented at ASDS 2020 Virtual Meeting.
Ultrasound evaluation of the simultaneous RF and HIFEM treatments on human fat tissue. Denkova R. Source: U.S. Food and Drug Administration. 510(k) Premarket Notification: K192224. Published online on December 5, 2019.

ESTUDO LATERAL DA COXA

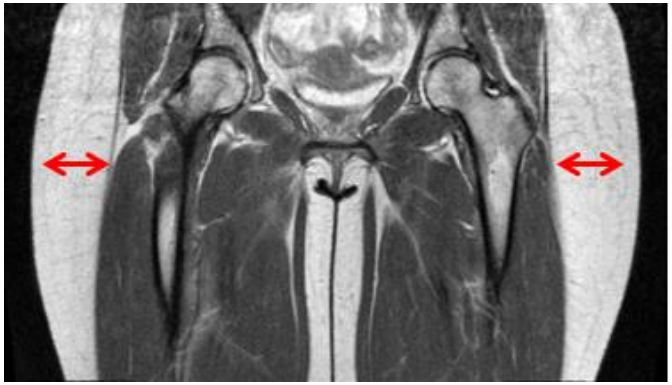
Simultaneous emission of synchronized radiofrequency and HIFEM energy for treatment of lateral thighs: Interim results of the MRI multicentre study. M. Palm MD, MBA, B.M. Kinney MD, FACS, MSME, Y. Halaas MD, FACS, Richard Goldfarb MD, FACS

- **30 subjects** (29-65 y/o, 19.0-34.5 kg/m^2)
- Four bilateral treatments combining HIFEM+RF on lateral thighs (“Saddlebags”)
- Interim 1-month MRI data showed r**eduction of fat thickness by 1.40 cm**
- Hip **circumference decreased** on average by 3.0 cm

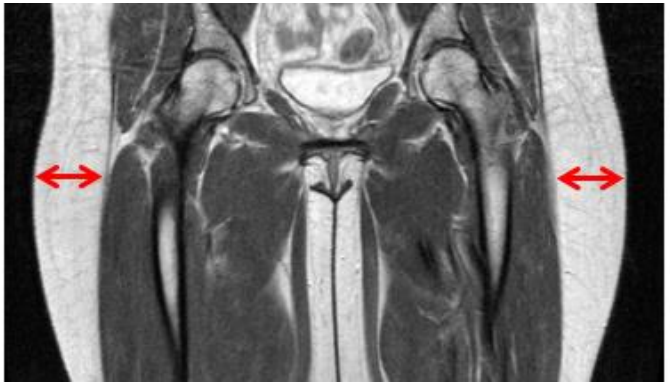
93%

Patient satisfaction

Baseline



1 month



THE INNER THIGH STUDY

Efficacy and safety of simultaneous application of HIFEM and synchronized radiofrequency for non-invasive lipolysis in inner thighs: Preliminary data. D. Duncan MD, FACS

- **16 subjects** (24-69 y/o, 21.3-35.0 kg/m^2)
- Four bilateral treatments with small applicators placed over the inner thigh region
- Preliminary data showed **reduced fat thickness by 0.84 cm** at 1 month and **1.02 cm** at 3 months post treatment
- Thigh **circumference decreased by 1.0 cm** and **1.2 cm** at 1-month and 3-months respectively

1.02 cm

Fat Reduction at 3 months

94%

Patient satisfaction

APLICADORES E APLICAÇÕES

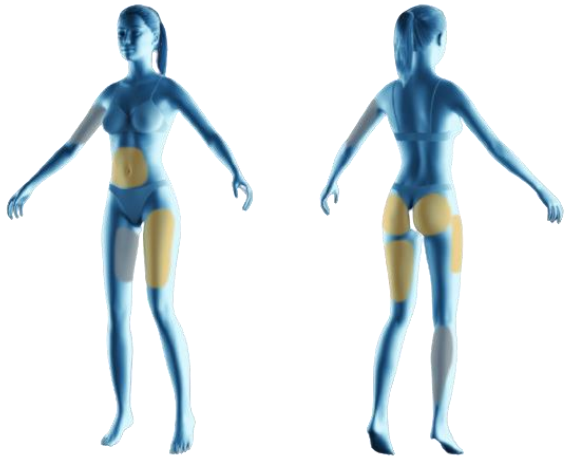
ÁREA DE TRATAMENTO

- Abdomen
- Buttocks
- Inner Thighs
- Outer Thighs
- Front Thighs
- Back Thighs
- Biceps
- Triceps
- Calves

APLICADORES GRANDES

PARTES DO CORPO

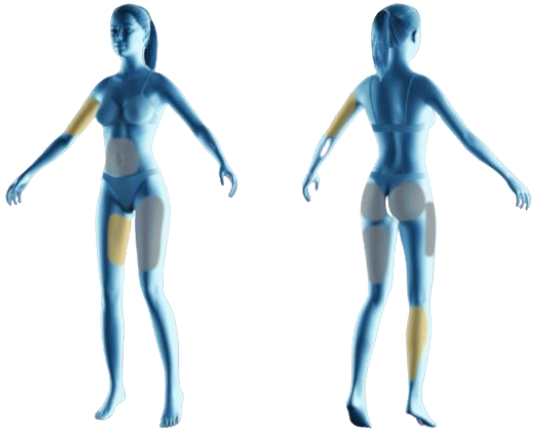
- **Abdomen**
- **Glúteos**
- **Anterior de Coxa**
- **Posterior de Coxa**
- **Lateral de Coxa**

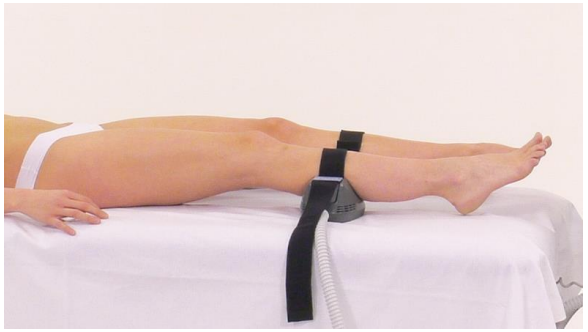


APLICADORES PEQUENOS

PARTES DO CORPO:

- **Biceps**
- **Triceps**
- **Panturrilha**
- **Interno de Coxa**





APLICADORES

TIPO DE APLICADOR	VIDA ÚTIL
Large Dual Energy applicators 	300 sessões (300x30 minutos)
Small Dual Energy applicators 	300 sessões (300x30 minutos)

TRATAMENTO ABDOMINAL

PROGRAMA	HIFEM Intensidade	RF intensidade Inicial	Tempo de Tratamento	Número de tratamentos	Frequencia de tratamentos	Temperatura da Pele
HIFEM+RF Advance	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10 dias de intervalo	42°C
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C
HIFEM Classic	Máxima Tolerada	-	30 min	4	2-3dias de intervalo	-

GLÚTEOS

PROGRAMA	HIFEM Intensidade	RF intensidade Inicial	Tempo de Tratamento	Número de tratamentos	Frequencia de tratamentos	Temperatura da Pele
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C
HIFEM Classic	Máxima Tolerada	-	30 min	4	2-3dias de intervalo	-

ANTERIOR DE COXAS

PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C

MÚSCULOS DO QUADRÍCEPS

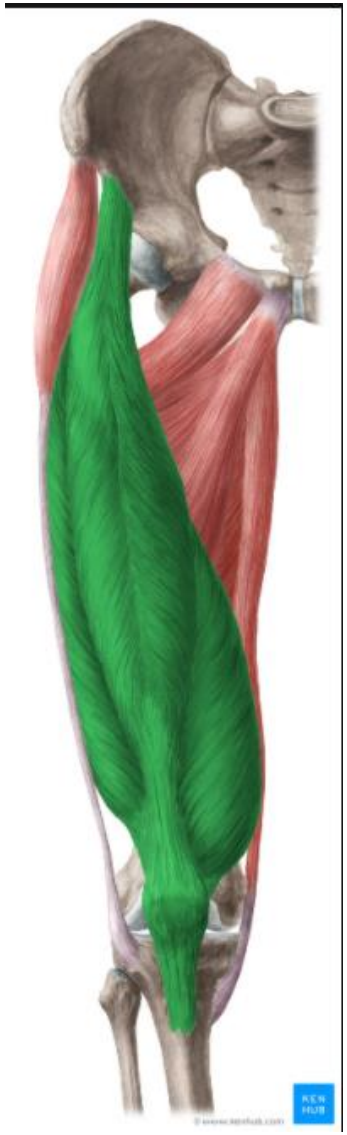
FUNÇÃO:
Ajudar a flexionar quadril e estender o joelho.

VASTO LATERAL

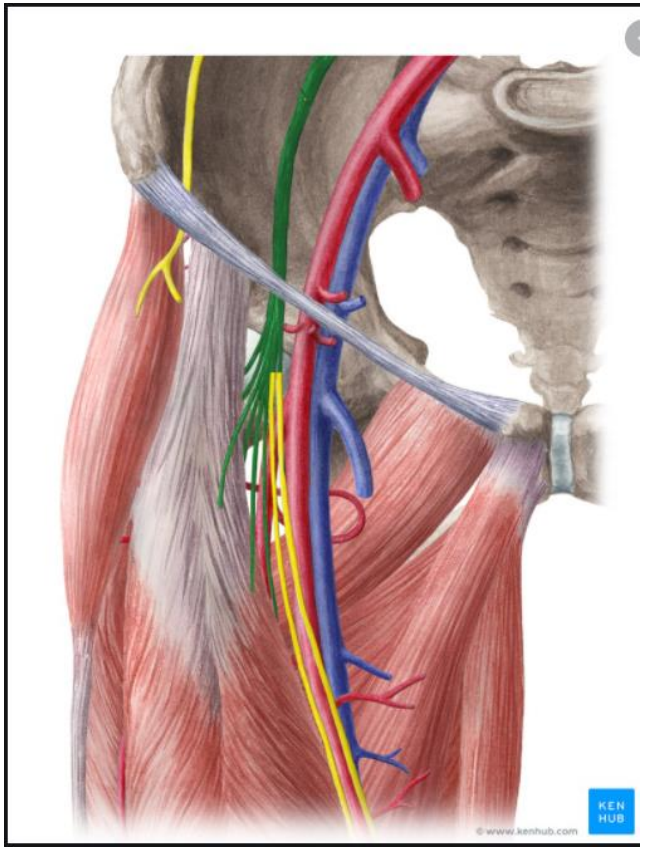
VASTO INTERMÉDIO
(Abaixo do reto femoral)

RETO FEMORAL

VASTO MEDIAL

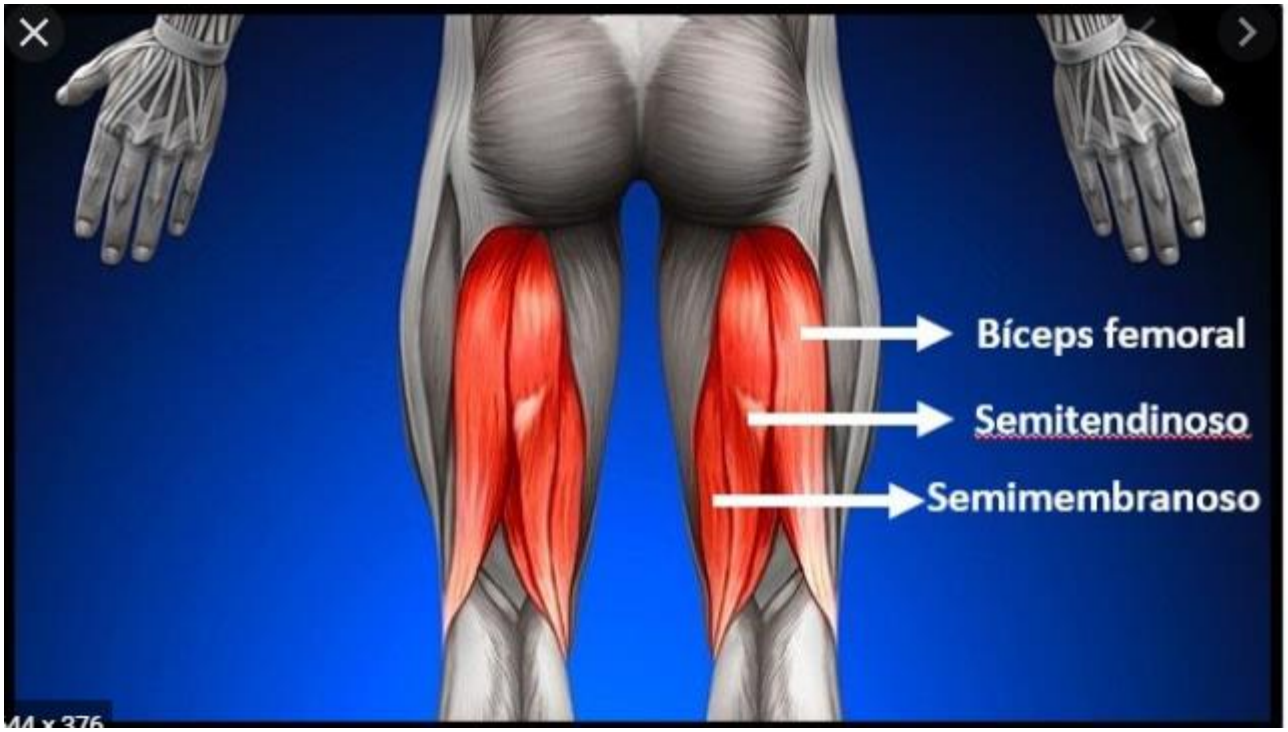


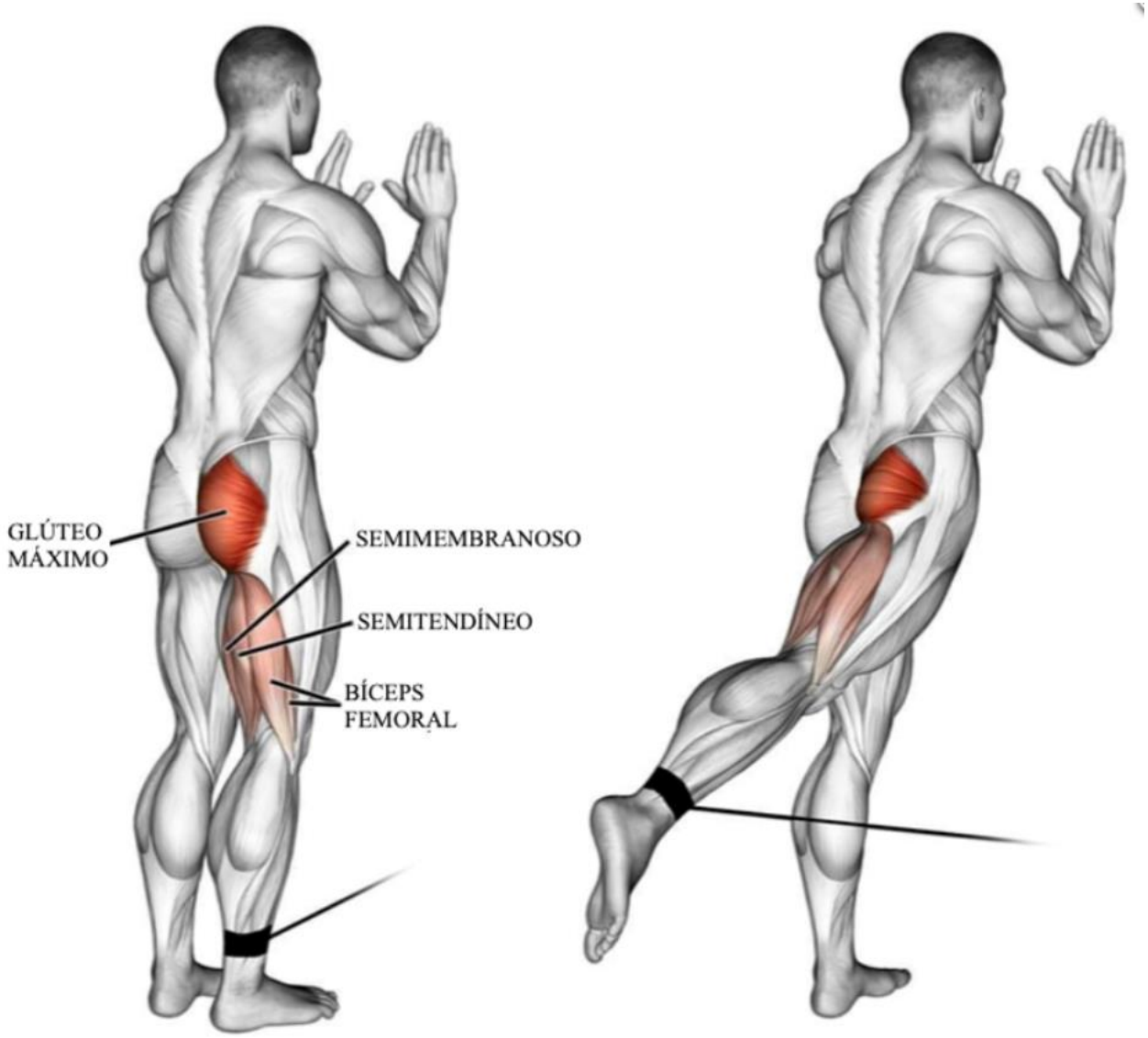

Quadriceps


KEN HUB

POSTERIOR DE COXAS

PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C


Bíceps femoral
Semitendinoso
Semimembranoso

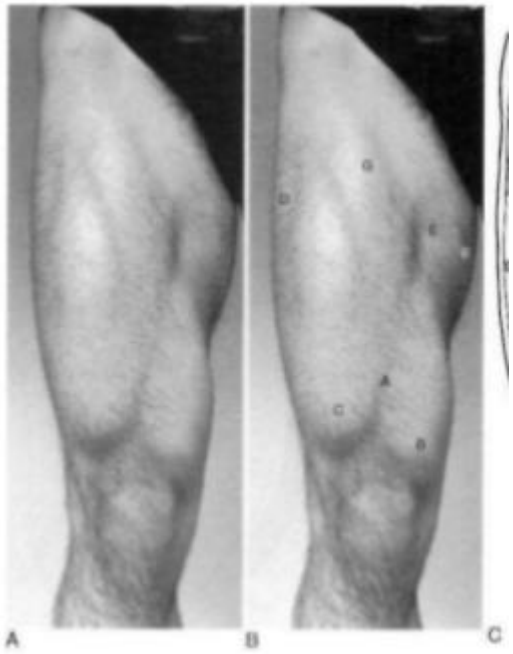

GLÚTEO
MÁXIMO
SEMIMEMBRANOSO
SEMITENDÍNEO
BÍCEPS
FEMORAL


Glúteo máximo
Glúteo médio
Nervo glúteo superior
Glúteo mínimo
Nervo pudendo
Piriforme
Nervo para o obturador interno
Nervo cutâneo posterior da coxa
Nervo ciático
Semitendíneo
Nervo fibular comum
Tendão do bíceps da coxa
Nervo tibial
Nervo para os músculos sóleo e gastrocnêmio
Ramo comunicante fibular
Sóleo
Nervo sural
Flexor longo do hálux

LATERAL DE COXAS - CULOTE

PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Advance	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10 dias de intervalo	42°C

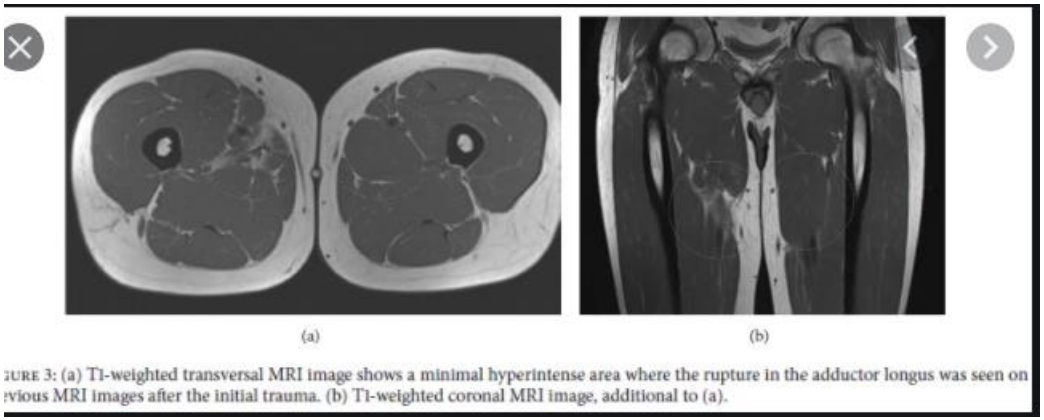
024 × 666



Fonte: Magee, D J; Orthopedic Physical Assessm

INTERNO DE COXAS

PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Advance	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10 dias de intervalo	42°C



URE 3: (a) T1-weighted transversal MRI image shows a minimal hyperintense area where the rupture in the adductor longus was seen on vious MRI images after the initial trauma. (b) T1-weighted coronal MRI image, additional to (a).

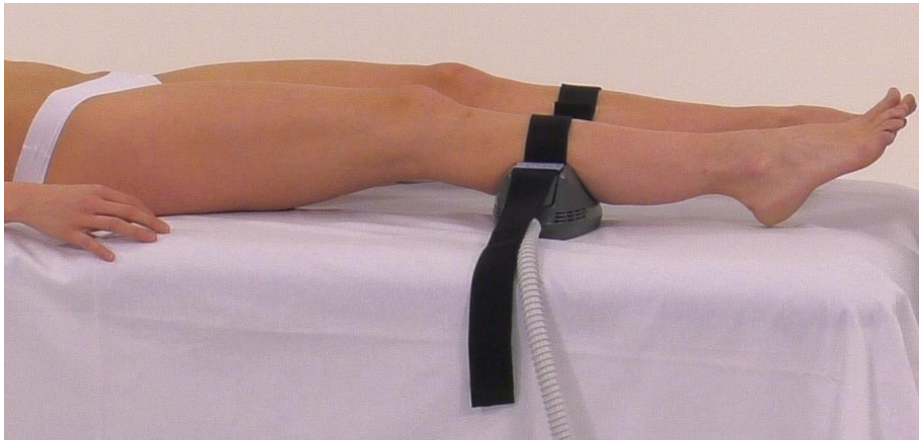
BICEPS

PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Gentle	Maximum tolerable	100%. Re-adjusted according to patient´s feedback	30 min	4	5-10 days apart	40°C
HIFEM Classic	Máxima Tolerada	-	30 min	4	2-3dias de intervalo	-

TRICEPS

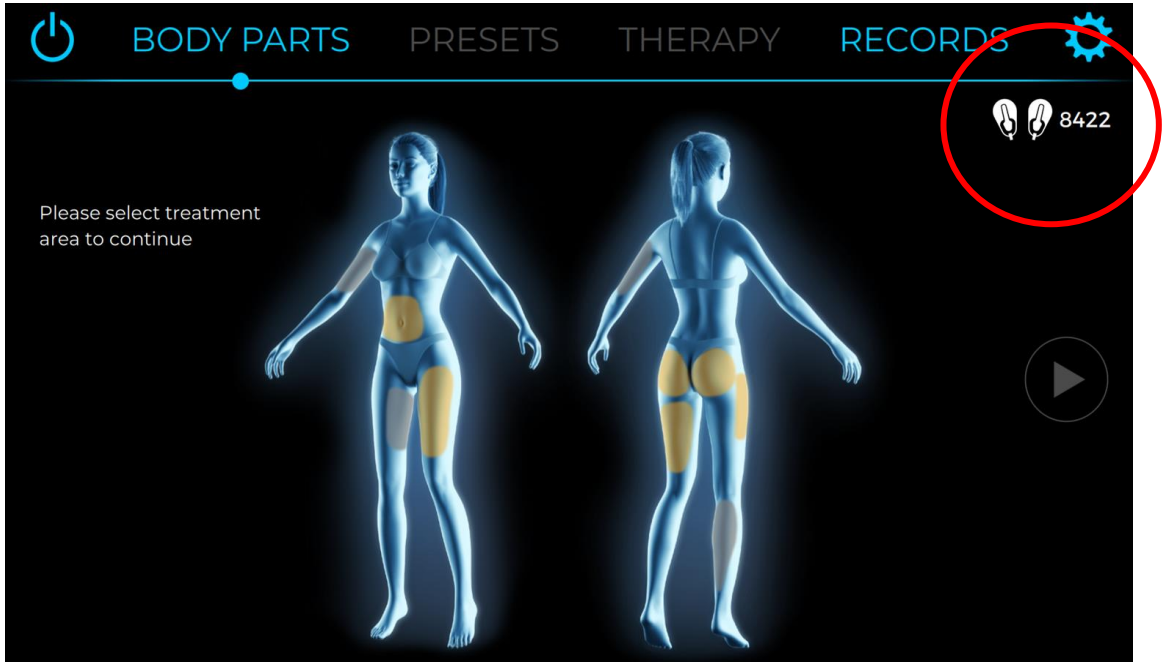
PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C
HIFEM Classic	Máxima Tolerada	-	30 min	4	2-3dias de intervalo	-

PANTORILHA



PRESET	HIFEM Intensity	Initial RF intensity	Treatment time	Number of treatments	Frequency of treatments	Target skin temperature
HIFEM+RF Gentle	Máxima Tolerada	100%. Reajustada de acordo com o feedback do paciente	30 min	4	5-10dias de intervalo	40°C
HIFEM Classic	Máxima Tolerada	-	30 min	4	2-3dias de intervalo	-

INFORMAÇÕES DOS APLICADORES



OBRIGADA