

Before & After Cases

Meta Cell Technology

MCT

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Psoriasis Vulgaris

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals. Topical administration.
Combined treatment	No other treatment, not even specific emollients.

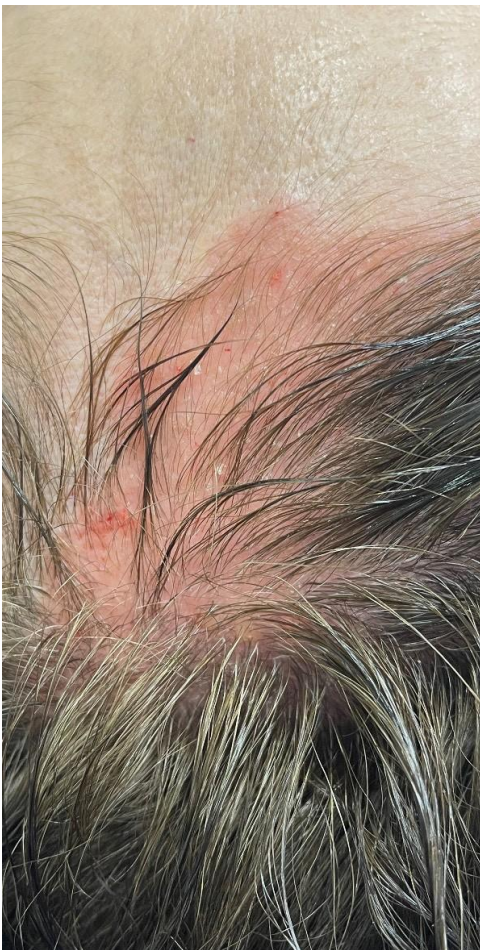


Psoriasis Vulgaris

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 4-week intervals. Topical administration.
Combined treatment	No other treatment, not even specific emollients.

Before



After



Riehl Melanosis

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Before



After



1 month after last session

Solar Lentigines

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	No other treatment

Before



After

Melasma

MCT Exosomes

Initial material	PRP
Treatment	2 sessions 3 weeks apart, then a follow-up treatment session after 4 months
Combined treatment	No other treatment

Before



After

1 month after last session

Melasma

MCT Exosomes

Initial material	PRP
Treatment	2 sessions 3 weeks apart
Combined treatment	Microneedling

Before



After



Melasma

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	Microneedling + LED therapy

Before



After 3 weeks



After 6 weeks



Hypopigmentation

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Before



Hypopigmentation due to post-facial nerve neuralgia

After



3 months after last session

Acne

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	Microneedling + LED therapy

Before



After 6 months

Acne

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	Nd:YAG 1064 nm + Er:YAG 2940 nm lasers + Microneedling + LED therapy

Before



After 3 weeks

Acne scarring

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	Er:YAG 2940 nm laser + LED therapy

Before



After 6 months

Linear Morphea

MCT Plasma

Initial material	PRP
Treatment	5 sessions at 2-month intervals
Combined treatment	No other treatment

Before



A

After

6 months after last session



B

Mercuri, S. R., et al. Adult-Onset Linear Morphea (en coupe de sabre) of the Face Successfully Treated with Photoactivated Low-Temperature Platelet-Rich Plasma: A Valid Therapeutic Option. *Medicina*. 2023.

MCT Exosomes + MCT Plasma

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Before



After



5 weeks after last session

Bell's Palsy Facial Paralysis

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-month intervals
Combined treatment	Nd:YAG 1064 nm laser



Patient in the acute phase of Bell's palsy.



After reconstructive surgery.



At day 0, before the first treatment session.



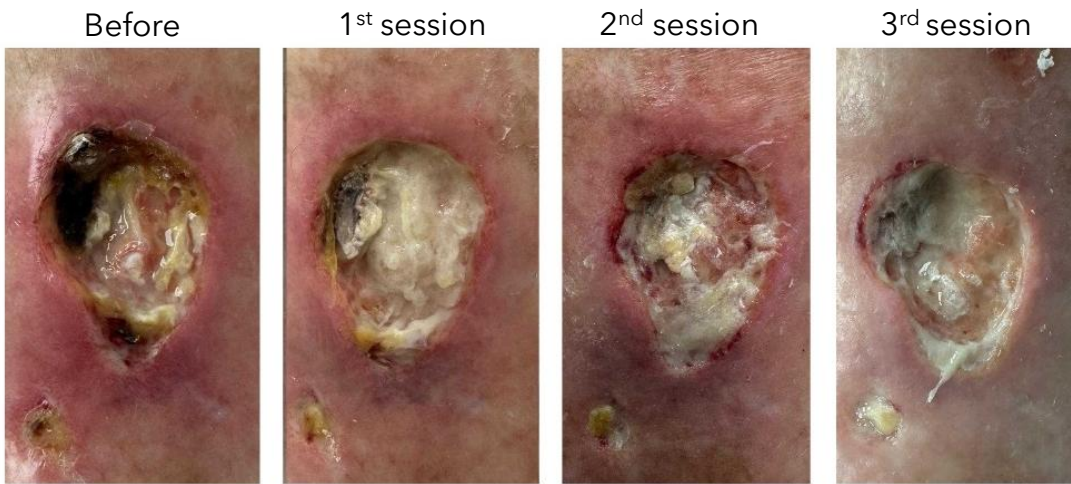
One year after the first treatment session with MCT Exosomes and Nd:YAG pulses.

Diabetic Foot Ulcering

MCT Exosomes

Initial material	PRP
Treatment	2/3 sessions at a 1-week intervals. Topical administration.
Combined treatment	LED therapy

Ulcer 1



Ulcer 2



Amesty, A. Successful Wound Healing of Diabetic Foot Ulcers Treated with Exosomes derived from Photothermally Biomodulated Platelet Rich-Plasma using the MCT System. *Advances in Skin and Wound Care*. 2024. Acceptance Pending.

Wound healing

MCT Exosomes + MCT Plasma

Initial material	PRP
Treatment	3 sessions at 5-day intervals
Combined treatment	No other treatment

Before



After 6 days



Laceration wound on the skin region above the wrist

After 10 days



After 3 months



Wound healing

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	No other treatment

Before



After 2 weeks



Necrosis due to a vascular occlusion
after a filler injection.

Neck Rejuvenation

MCT Plasma

Initial material	PRP
Treatment	3 sessions
Combined treatment	No other treatment

Before

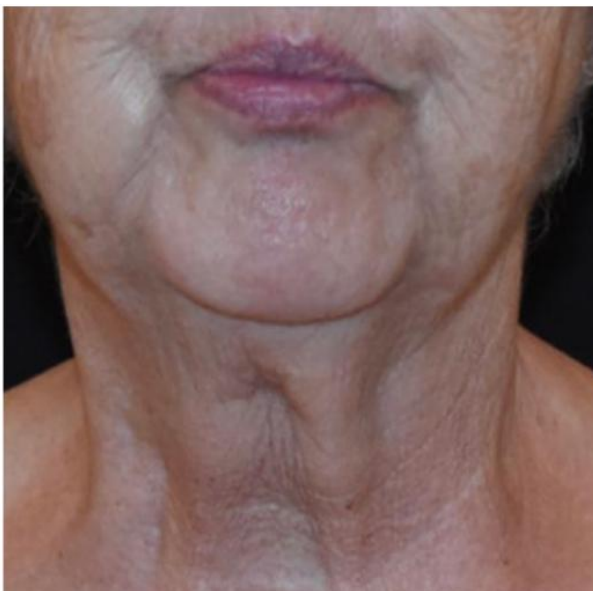


After



Hernández, C., et al. Efficacy of photo-thermal-bioactivated platelet-rich plasma for skin biostimulation in patients not eligible for other medical-aesthetic treatment: A pilot study. *Skin Research and Technology*. 2023.

Before



After



Beltrán, B., et al. Efficacy and Safety of Photo-thermal-bioactivated PRP for Facial Rejuvenation. *Journal of Cosmetic Dermatology*. 2022.

Hand Rejuvenation

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 4-week intervals
Combined treatment	No other treatment

MCT Plasma

Initial material	PRP
Treatment	2 sessions 1 month apart
Combined treatment	No other treatment

Before



After



Before



After 2 months

Tejero, P., et al. Photothermal Biostimulation of Platelet-Rich Plasma Improves Hand Rejuvenation Clinical Outcome: A Pilot Study. *Photobiomodulation Photomedicine and Laser Surgery*. 2024.

Face Rejuvenation

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	No other treatment

Before

After 3 months



Face Rejuvenation

MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	Er:YAG 2940 nm laser + LED therapy

Before



After 3 months



Face Rejuvenation

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	Er:YAG 2940 nm laser

Before

After



MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	Er:YAG 2940 nm laser

Before

After



Face Rejuvenation

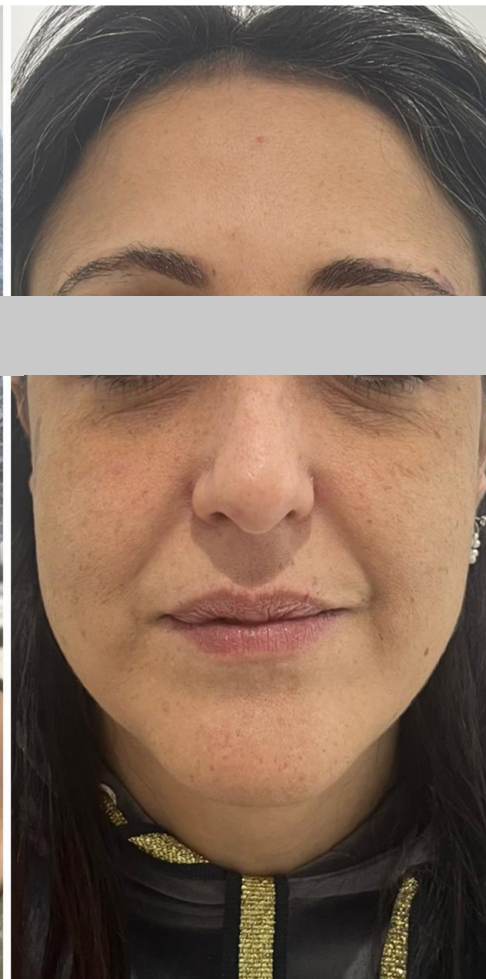
MCT Exosomes

Initial material	PRP
Treatment	3 sessions at 1-month intervals (1 week after each laser treatment)
Combined treatment	Nd:YAG 1064 nm + Er:YAG 2940 nm lasers (1-month intervals) + Microneedling

Before



After



Face Rejuvenation

MCT Cells + MCT Exosomes

Initial material	Adipose-derived stem cells
Treatment	1 session
Combined treatment	No other treatment

Before



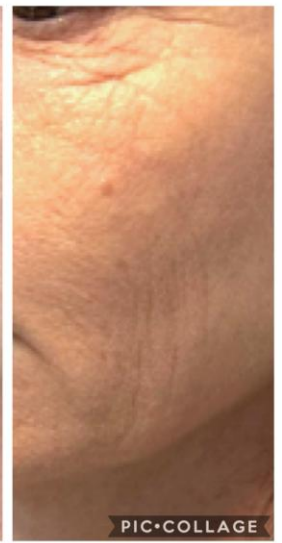
After 2 months



Before



After 1 month



Before



After 1 month

Before



After 2 months

Androgenetic Alopecia & Seborrheic Dermatitis

MCT Exosomes + MCT Plasma

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Before



After



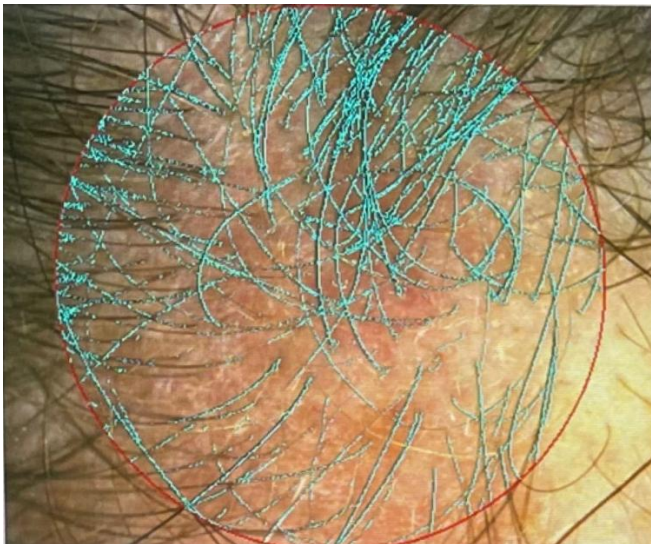
6 weeks after last treatment

Androgenetic Alopecia

MCT Exosomes + MCT Plasma

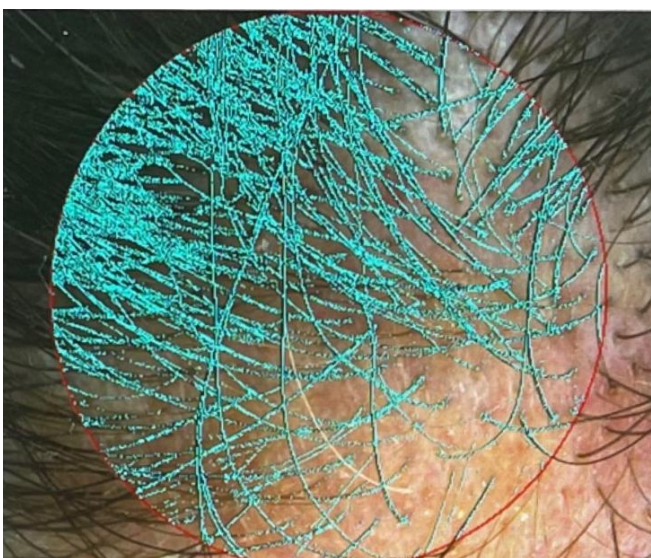
Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Trichoscan report



Before

Total hair area: 60.344 mm²
Hairless surface: 75.629 mm²
Density: 86.538 N/cm²



After

Total hair area: 80.534 mm²
Hairless surface: 64.647 mm²
Density: 160.256 N/cm²

6 weeks after last session

Androgenetic Alopecia

MCT Plasma

Initial material	PRP
Treatment	3 sessions at 3-week intervals
Combined treatment	No other treatment

Before



After



MCT Cells + MCT Exosomes

Initial material	Adipose-derived stem cells
Treatment	1 session
Combined treatment	No other treatment

Before



After



Androgenetic Alopecia

MCT Exosomes

Initial material	PRP
Treatment	2 sessions 3 weeks apart
Combined treatment	Er:YAG 2940 nm laser + LED therapy

Before



After



Before



After



Alopecia Areata

MCT Plasma

Initial material	PRP
Treatment	3 sessions
Combined treatment	No other treatment

Before



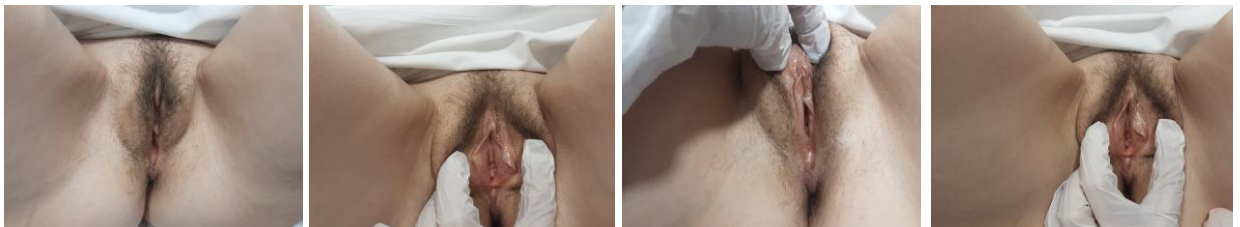
After

Vulvar Lichen Sclerosus

MCT Exosomes

Initial material	PRP
Treatment	1 session
Combined treatment	No other treatment

Before



After 1 month

Significant clinical improvement

- **Before:** patient was unable to play sports or wear jeans due to a burning sensation.
- **After 10 days:** remarkable symptom relief.
- **After 1 month:** no symptoms, patient could engage in daily sports.

Vulvar Lichen Sclerosus

MCT Cells + MCT Exosomes

Initial material	Adipose-derived stem cells
Treatment	1 session
Combined treatment	No other treatment

Before



Yellow arrows indicate white plaques with signs of skin hyperkeratosis, sclerosis and atrophy.

After 5 months



Microfiltered and Preconditioned Suspension of Autologous-derived Stem Cells with Photothermal Biomodulation for Treating Vulvar Lichen Sclerosus. Mezzana, P. 2025. Clinical Case Reports. *Acceptance pending.*

The images contained in this dossier, depicting before-and-after visuals of MCT treatment, are provided courtesy of Key Opinion Leaders (KOLs) as explicitly stated. These images are the intellectual property of the KOLs, and all rights are reserved. Commercial and/or private use of these images is strictly forbidden.

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