

# Jeunetique NAD<sup>+</sup> Ultimate Skin Revitalizer

Cellular-Level Skin Energy Bioreparation



# A next-generation combined exosome regenerative biostimulator with NAD<sup>+</sup>



activating cellular energy  
and promoting deep skin rejuvenation



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# What is Meamo Labs Jeunetique NAD<sup>+</sup>?



Jeunetique NAD<sup>+</sup> is an ultimate skin revitalizer for rejuvenating and restoring the skin by naturally improving intracellular metabolism.

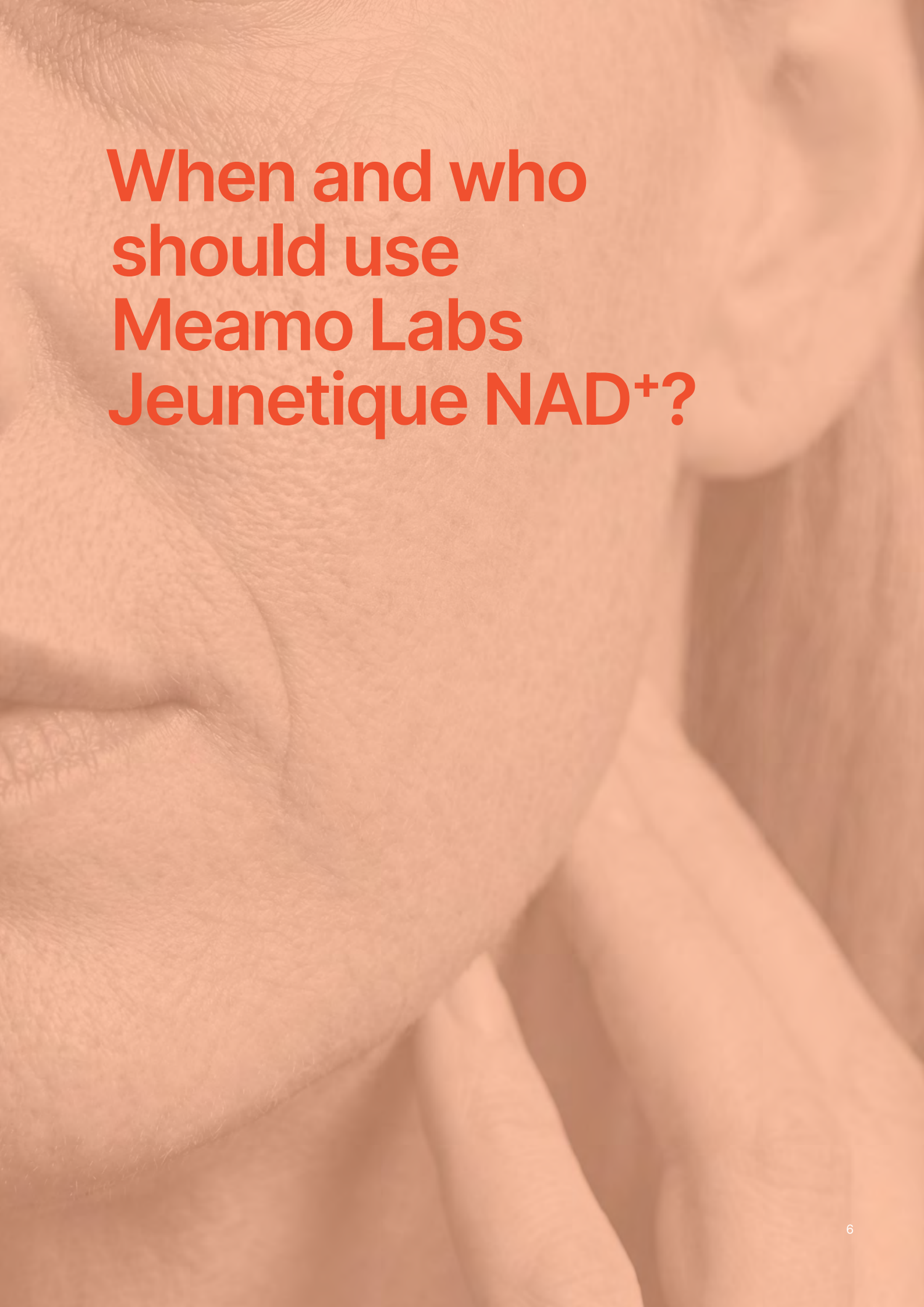


Jeunetique NAD<sup>+</sup> combines two powerful anti-aging components:

**1. Plant-derived exosomes** — they deliver signaling molecules into the dermis, activating reparative processes.

**2. NAD<sup>+</sup>** (Nicotinamide Adenine Dinucleotide) and **NMN** (Nicotinamide Mononucleotide) — substances essential for energy production in our cells.

The anti-aging effect of Jeunetique NAD<sup>+</sup> is further enhanced by polydeoxyribonucleotides (PDRN), atelocollagen, growth factors, and ultra-short peptides.

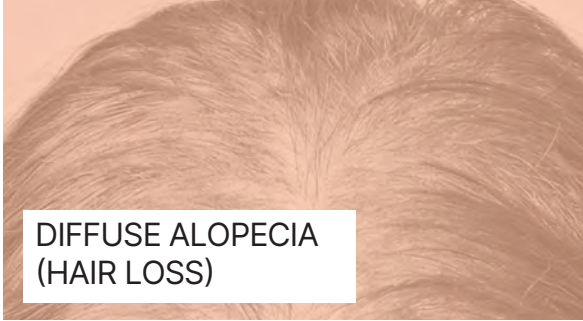
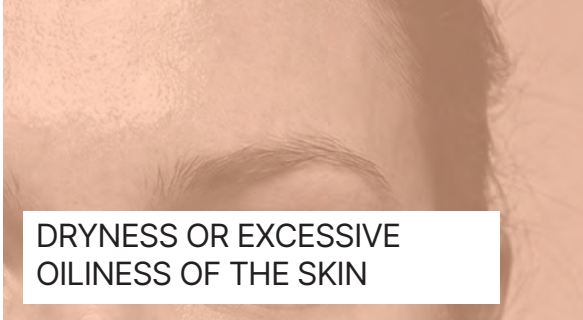
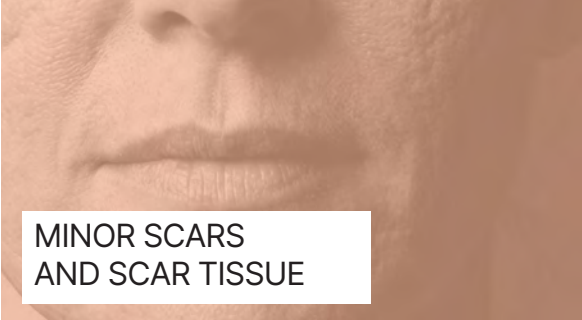


**When and who  
should use  
Meamo Labs  
Jeunetique NAD<sup>+</sup>?**

# Indications

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Jeunetique NAD<sup>+</sup> is an innovative cosmetic product for natural skin rejuvenation and restoration.



The most pronounced effect of Jeunetique NAD<sup>+</sup> is seen when used on aging skin.

The main audience of this skinbooster is women aged 40+, who want to keep their skin looking young and healthy.



It is also useful for people who need to help **skin regenerate after various types of damage**: excessive dryness, inflammatory disorders, sunburns, etc.



### Important!

***Jeunetique NAD<sup>+</sup> should only be applied during the recovery phase, after all symptoms have subsided!***



Finally, Jeunetique NAD<sup>+</sup> gives excellent results when used to **restore skin after aggressive cosmetic treatments**, such as peels.

*Conlon N. J. (2022). The Role of NAD<sup>+</sup> in Regenerative Medicine. Plastic and reconstructive surgery, 150(4 Suppl ), 41S-48S.*

*Jacobson, E. L., Kim, H., et al. A topical lipophilic niacin derivative increases NAD, epidermal differentiation and barrier function in photodamaged skin. Experimental dermatology, 2007, 16(6), 490-499.*

# Components of Jeunetique NAD<sup>+</sup>



# Key active ingredients:

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**1. Nicotinamide adenine dinucleotide (NAD<sup>+</sup>)** — a vital coenzyme present in all living cells. It plays a central role in producing cellular energy.

*Navas, L.E., Carnero, A. NAD<sup>+</sup> metabolism, stemness, the immune response, and cancer. Nature. Signal Transduction and Targeted Therapy, 6, 2 (2021).*



**2. Nicotinamide mononucleotide (NMN)** — a precursor to NAD<sup>+</sup> with the highest availability for our tissues. Moreover, it has shown the best safety profile among all NAD<sup>+</sup> precursors, with no side effects reported even after 12 months of administration.

*Vinten, K.T., Trętownicz, M.M., Coskun, E. et al. NAD<sup>+</sup> precursor supplementation in human ageing: clinical evidence and challenges. Nature Metabolism 7, (2025)*



**3. Exosomal vesicles** isolated from callus cells — the plant equivalent of stem cells. We obtain them from three medicinal plants:

- **Panax ginseng** (Panax Ginseng);
- **Centella asiatica** (Centella Asiatica);
- **Camellia japonica** (Camellia Japonica).

*Karabay, A. Z., Barar, J., Hekmatshoar, Y. Multifaceted Therapeutic Potential of Plant-Derived Exosomes: Immunomodulation, Anticancer, Anti-Aging, Anti-Melanogenesis, Detoxification, and Drug Delivery. Biomolecules, 2025, 15(3), 394.*

# Additional active ingredients:

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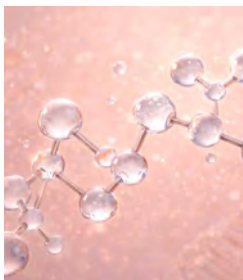
**PDRN (polydeoxyribonucleotide)** — DNA extracted from salmon sperm. PDRN has anti-inflammatory and regenerative effects.

*Khan A., Wang G., Zhou F., et al. Polydeoxyribonucleotide: A promising skin anti-aging agent. Journal of Plastic and Reconstructive Surgery. Volume 4, Issue 4, December 2022, P. 187-193.*



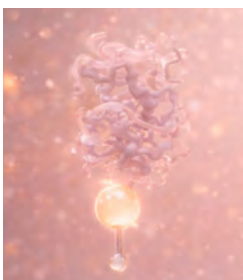
**Atelocollagen** — a highly purified protein used to deliver nucleic acids, proteins, and other signaling molecules into cells.

*Fujimoto I, Takei Y. Atelocollagen-mediated siRNA delivery: future promise for therapeutic application. Ther Deliv. 2014 Apr;5(4):369-71.*



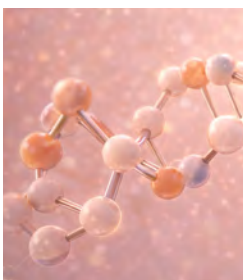
**Hyaluronic acid** — essential for skin hydration. Each molecule of HA can hold 21 water molecules. Age-related loss of hyaluronic acid contributes to skin aging and wrinkles.

*Humzah D., Molina B., Salti G., et al. Intradermal Injection of Hybrid Complexes of High- and Low-Molecular-Weight Hyaluronan: Where Do We Stand and Where Are We Headed in Regenerative Medicine? Int J Mol Sci. 2024 Mar 12;25(6):3216.*



**Growth factors** — EGF (epidermal growth factor), FGF (fibroblast growth factor), and IGF (insulin-like growth factor), which accelerate the production of collagen and elastin in skin cells.

*de Araújo, R., Lôbo, M., Trindade, K., et al, Fibroblast Growth Factors: A Controlling Mechanism of Skin Aging. Skin pharmacology and physiology, 2019, 32(5), 275-282.*



**Ultra-short peptides** — short peptide molecules that reduce wrinkles and hyperpigmentation, stimulate collagen synthesis, and inhibit elastin degradation. By penetrating the muscular layer, they also provide a local muscle-relaxing effect, earning them the name "Botox-like peptides".

*Wongrattanakamon P, Nimmanpipug P, Sirithunyalug B, Jiranusornkul S. Molecular modeling elucidates the cellular mechanism of synaptotagmin-SNARE inhibition: a novel plausible route to anti-wrinkle activity of botox-like cosmetic active molecules. Mol Cell Biochem. 2018;442(1-2):97-109.*

# What is the difference between Meamo Labs Jeunetique NAD<sup>+</sup> and Meamo Labs Jeunetique Exo?



# When to use these products?

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Indeed, the compositions of these skin boosters are similar in many ways. Therefore, both can treat a range of skin problems:

- excessed skin dryness;
- oily skin;
- photoaging;
- pigmentation disorders;
- vascular defects (couperose);
- small scars and skin marks;
- cellulite;
- consequences of acne;
- diffuse hair loss, dandruff, split ends;
- forehead, periorbital, perioral wrinkles and other facial lines.



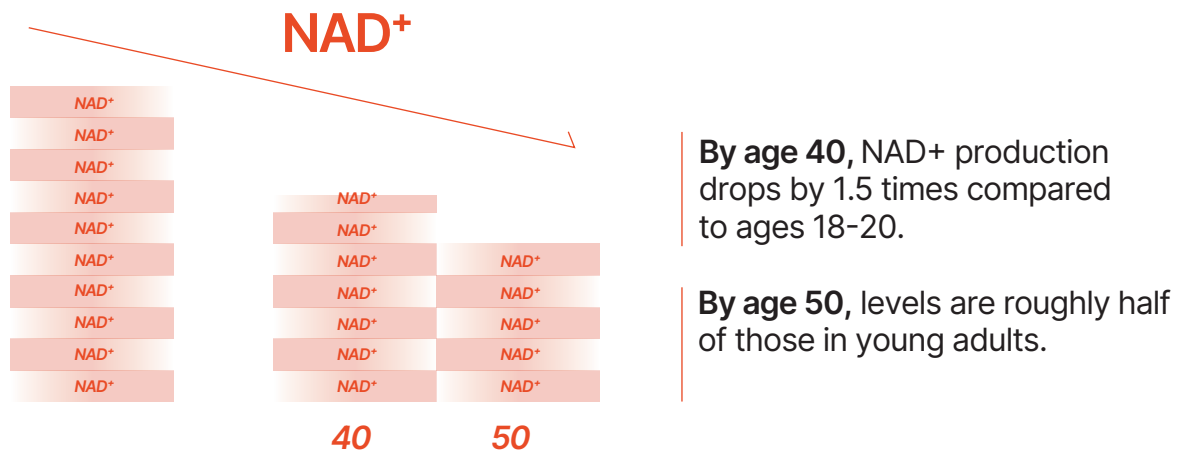
The main difference is that Jeunetique NAD<sup>+</sup> contains NAD<sup>+</sup> and NMN. These molecules are absolutely essential for energy metabolism in all cells of our body, including skin cells.

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Betsuno, R., Yamane, T., Tsuji, H., et al. Permeation of Nicotinamide Mononucleotide (NMN) in an Artificial Membrane as a Cosmetic Skin Permeability Test Model. *Journal of cosmetic dermatology*, 2025, 24(5), e70222.

Rajman, L., Chwalek, K., Sinclair, D. A. (2018). Therapeutic Potential of NAD-Boosting Molecules: The In Vivo Evidence. *Cell metabolism*, 27(3), 529–547.

## With age, NAD<sup>+</sup> levels in tissues fall significantly.



When NAD<sup>+</sup> is low, fibroblasts cannot make enough energy to perform functions like producing collagen and elastin — the main structural proteins of the skin. Consequently, the skin loses firmness and smoothness, wrinkles appear, it sags, and its texture deteriorates. Boosting NAD<sup>+</sup> can slow these processes and restore youthful skin.

Research shows that introducing NAD<sup>+</sup> at an age when its cellular levels are still sufficient is not beneficial. The greatest improvement is observed when NAD<sup>+</sup> supplementation begins after its physiological level decline due to aging.

Covarrubias, A.J., Perrone, R., Grozio, A. et al. NAD<sup>+</sup> metabolism and its roles in cellular processes during ageing. *Nature Reviews Molecular Cell Biology*, 22, 119–141 (2021).

Abdellatif M., Sedej S., Kroemer G. NAD<sup>+</sup> Metabolism in Cardiac Health, Aging, and Disease. *Circulation*. Volume 144, Number 22. November 2021.

### Key takeaway!

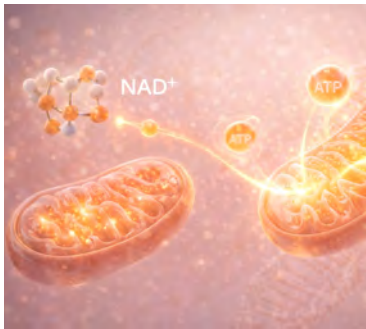
- **Jeunetique Exo** — the choice for those who want to maintain youthful, healthy-looking skin **up to 40**: prevention of aging signs, improvement of skin quality, and protection against photoaging.
- **Jeunetique NAD<sup>+</sup>** — the solution for **deep rejuvenation after 40**, as well as for active skin regeneration following damage, stress, or aggressive aesthetic procedures, when the skin requires a powerful energy and recovery boost.

Fang, E. F., Lautrup, S., Hou, Y., et al. (2017). NAD<sup>+</sup> in Aging: Molecular Mechanisms and Translational Implications. *Trends in molecular medicine*, 23(10), 899–916.

# How does Meamo Labs Jeunetique NAD<sup>+</sup> work?

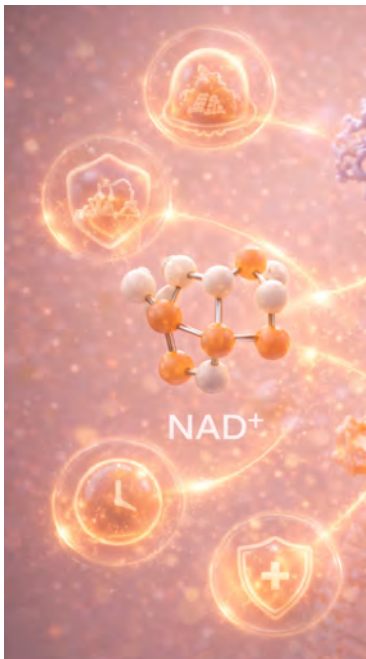


# 1. NAD<sup>+</sup>



## Energy production

NAD<sup>+</sup> is a key component in the function of mitochondria, which produce energy in our cells. It transfers electrons in redox reactions, which are essential for all ATP-generating pathways: glycolysis, the Krebs cycle, and oxidative phosphorylation.



## Regulation and signaling

NAD<sup>+</sup> is essential for the activity of important enzymes, including sirtuins and PARP (poly-ADP-ribose polymerase).

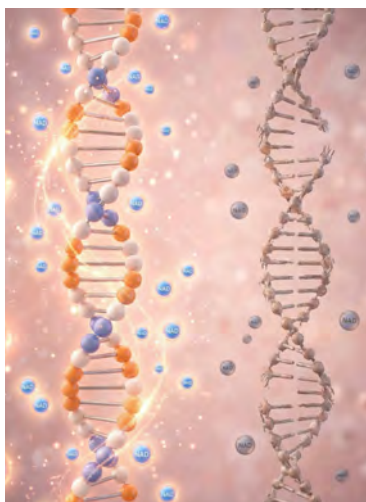
These enzymes are involved in:

- cellular aging and longevity maintenance;
- DNA repair after damage;
- regulation of sleep-wake cycles;
- immune response modulation.

*Poljšak, B., Kovač, V., Špalj, S., Milisav, I. The Central Role of the NAD<sup>+</sup> Molecule in the Development of Aging and the Prevention of Chronic Age-Related Diseases: Strategies for NAD<sup>+</sup> Modulation. International journal of molecular sciences, 2023, 24(3), 2959.*

*International journal of molecular sciences, 2023, 24(3), 2959.*

*Aman Y., Qiu Y., Tao J. Therapeutic potential of boosting NAD<sup>+</sup> in aging and age-related diseases. Translational Medicine of Aging, Volume 2, 2018, Pages 30-37.*

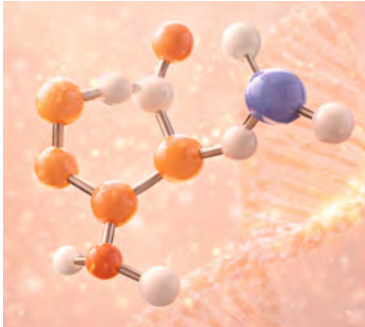


## NAD<sup>+</sup> and aging

NAD<sup>+</sup> levels in the human body decline with age and with excessive body weight. Low NAD<sup>+</sup> contributes to aging signs in skin, as this molecule is involved in controlling oxidative stress. Such stress is one of the most fundamental biochemical processes driving aging. Research shows that increasing NAD<sup>+</sup> levels improves metabolic health and slows aging.

*Massudi H, Grant R, Braidly N, Guest J, Farnsworth B, Guillemin GJ. Age-associated changes in oxidative stress and NAD<sup>+</sup> metabolism in human tissue. PLoS One. 2012;7:e42357.*

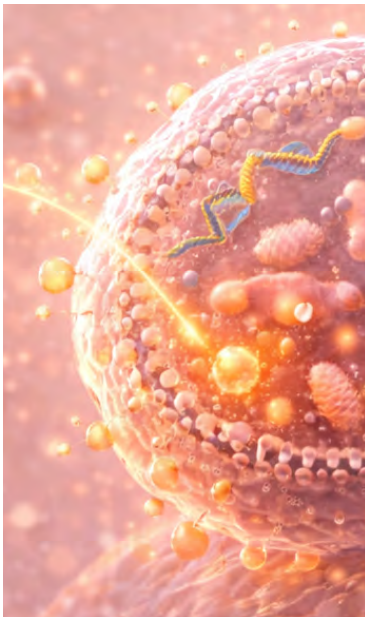
## 2. NMN



In addition to NAD<sup>+</sup> itself, its precursors, particularly nicotinamide mononucleotide (NMN), have demonstrated excellent anti-aging effects. NMN is converted into NAD<sup>+</sup> with the help of the enzyme phosphoribosyltransferase.

*Tooba I., Takashi N. The therapeutic perspective of NAD<sup>+</sup> precursors in age-related diseases, Biochemical and Biophysical Research Communications, Volume 702, 2024, 149590.*

## 3. Exosomes



Exosomes are small extracellular vesicles with a bilayer phospholipid membrane. They contain mRNA and DNA, lipids, ribosomal proteins, metabolic enzymes, ligands, cytoskeletal molecules, chaperone proteins, etc. These nanovesicles are stable, biocompatible, and minimally immunogenic. Because they fuse with recipient cell membranes, exosomes in Jeunetique NAD<sup>+</sup> work as efficient targeted carriers. Their cargo can stimulate intercellular communication and activate pathways for tissue regeneration.

*Moghassemi S, Dadashzadeh A, Sousa MJ, et al. Extracellular vesicles in nanomedicine and regenerative medicine: A review over the last decade. Bioact Mater. 2024;36:126-156. Published 2024 Mar 2. doi:10.1016/j.bioactmat.2024.02.021*

*Haykal, D., Wyles, S., Garibyan, L. Exosomes in Cosmetic Dermatology: A Review of Benefits and Challenges. Journal of drugs in dermatology, 2025, JDD, 24(1), 12-18.*

A close-up photograph of a person's face, focusing on the eyes and mouth. The image is heavily filtered with a warm, orange-brown color, creating a soft and intimate atmosphere. The text is overlaid in the upper left quadrant.

# Where and how to apply Jeunetique NAD<sup>+</sup>?

# Injection Technique for Jeunetique NAD<sup>+</sup>

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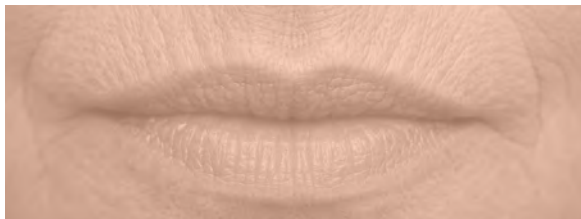
Jeunetique NAD<sup>+</sup> is intended to reduce



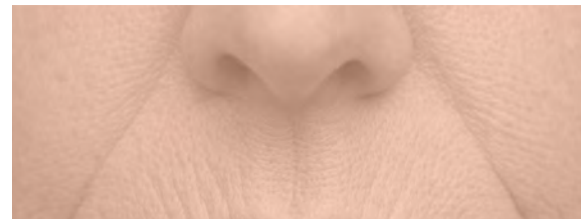
forehead and glabellar lines



crow's feet

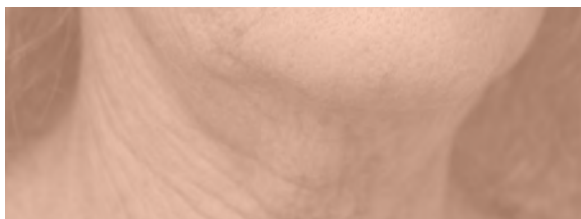


perioral lines



nasolabial folds

**Additionally, our skinbooster can be used to correct skin laxity and a double chin, and even out skin tone on the cheeks and other facial areas.**



Jeunetique NAD<sup>+</sup> has a local effect. This means it should be injected directly into the areas requiring correction of age-related concerns.

# Injection Technique for Jeunetique NAD<sup>+</sup>

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## Needle type

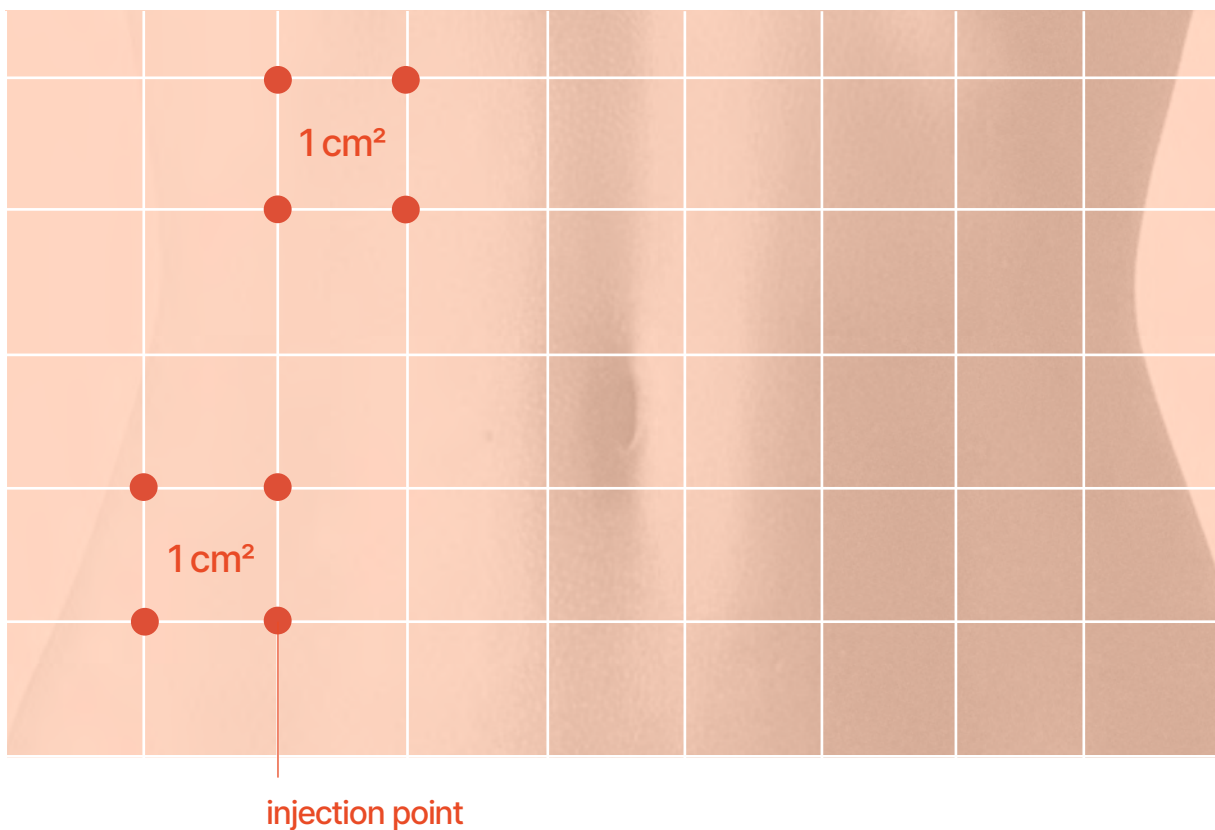
Use ultra-fine needles for injections to minimize discomfort.  
Optimal needle sizes are **31G, 32G, and 33G** with a **4 mm** length.

## Penetration depth:

Injections should be performed superficially, into the subcutaneous layer.  
The needle angle should be **45 degrees**, with the bevel facing upwards.  
Penetration depth: **1–1.5 mm**.

## Injection points

Injection points should be placed at the intersections of an imaginary grid composed of 1-cm-square cells.



# Course protocol for Jeunetique NAD<sup>+</sup>

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mon	tue	wed	thu	fri	sat	sun
●						
●						

1

Best results are achieved with a **course of sessions**.

2

On average, **3 to 5 injection sessions** are required to achieve targeted results.

3

The exact number of sessions depends on the area requiring correction and the severity of wrinkles or other issues.

4

The interval between procedures should be **at least 3 weeks**.

# Preparing Jeunetique NAD<sup>+</sup> for use

The Jeunetique NAD<sup>+</sup> product consists of two vials:



**Vial 1** contains 100 mg of lyophilized powder, which includes:

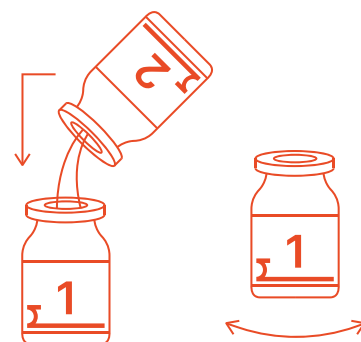
- NAD<sup>+</sup> — 20%
- NMN — 20%
- Panax Ginseng Callus Exosomes — 18% (11 billion units)
- Centella Asiatica Callus Exosomes — 18% (1.1 billion units)
- Camellia Japonica Callus Exosomes — 18% (1 billion units)
- Sodium Hyaluronate— 6%

**Vial 2** contains 6 ml of a solution including

- PDRN
- atelocollagen
- ultra-short peptides
- cellular growth factors

To prepare the solution:

1. Open the aluminum cap and remove the rubber stopper from both vials.
2. Draw the contents of vial 2 into a syringe.
3. Add it to vial 1.
4. Gently dissolve the lyophilized powder with circular motions, avoiding bubble.



# Post-treatment care after Jeunetique NAD<sup>+</sup> injections

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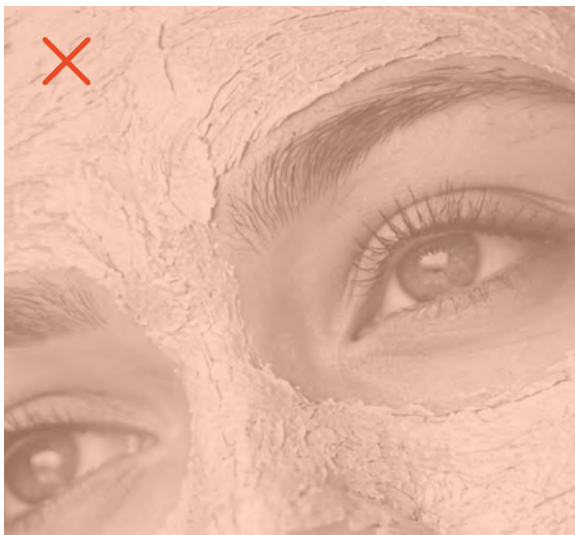
For best results, advise patients to:



Avoid touching the treated area and do not apply cosmetics **for 24 hours.**



Avoid heavy physical activities and do not visit pools, saunas, or tanning beds **for one week.**



Do not use scrubs or peels on treated areas **for one week.**



Refrain from smoking and alcohol consumption **for one week.**

# How quickly will results appear?

NAD<sup>+</sup> and NMN stimulate energy metabolism in cells, which is reduced due to age or damage. Exosomes deliver signaling molecules and growth factors into the skin, enhancing cellular regeneration and collagen synthesis. Together, they create a triple synergy for natural rejuvenation.

You will notice changes **within 1-2 days** after the first injection session. During this time, NAD<sup>+</sup> and NMN integrate into dermal energy metabolism. **After a week**, the effects will intensify as the skin cells begin responding to the signaling molecules and metabolites in the exosomes. Wrinkles will gradually smooth out, skin tone will even out, and minor defects such as telangiectasias, couperose, and post-acne marks will start to fade.

The ingredients in Jeunetique NAD<sup>+</sup> work cumulatively, so the results will become more significant after each treatment. This will be particularly noticeable in the gradual tightening of the skin as a new collagen matrix forms.

# Results of scientific research and clinical trials

Percentage change in measured parameters after 4 weeks following a single injection session





Number of fine wrinkles reduced by **17.89%**



Skin elasticity increased by **28.78%**



Severity of hyperpigmentation decreased by **11.27%**



Skin hydration increased by **23.15%**



Dermal density increased by **40.32%**



Severity of post-acne inflammatory marks reduced by **8.32%**

# How to store Jeunetique NAD<sup>+</sup>

## Precautions for the safe storage and use of Meamo Labs Jeunetique NAD<sup>+</sup>

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Store vials away from heat and open flames, in a cool, well-ventilated place.



Keep out of direct sunlight.





Storage temperature should not exceed 30°C (86°F). An opened vial should be stored in the refrigerator at 5-10°C (41-50°F) for no more than 7 days.



Ensure the vial is always tightly closed.





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