

Aging is more than skin deep.

The visible signs we treat are just the tip of the iceberg.
The real story of aging unfolds at the cellular level.

Wrinkles
Sagging Skin
Pigmentation

Mitochondrial
Dysfunction DNA Damage
Cellular Aging

Inflammation Cellular
Senescence

We're entering a new era of cellular regenerative medicine. Scientific breakthroughs now allow us to move beyond treating the surface and start targeting the root causes of aging from within. This is the shift from aesthetics to regenerative aesthetics.

Your patient has two ages. Which one truly matters?

Chronological Age



The number of years since birth.
A fixed, unchangeable measure.

Biological Age



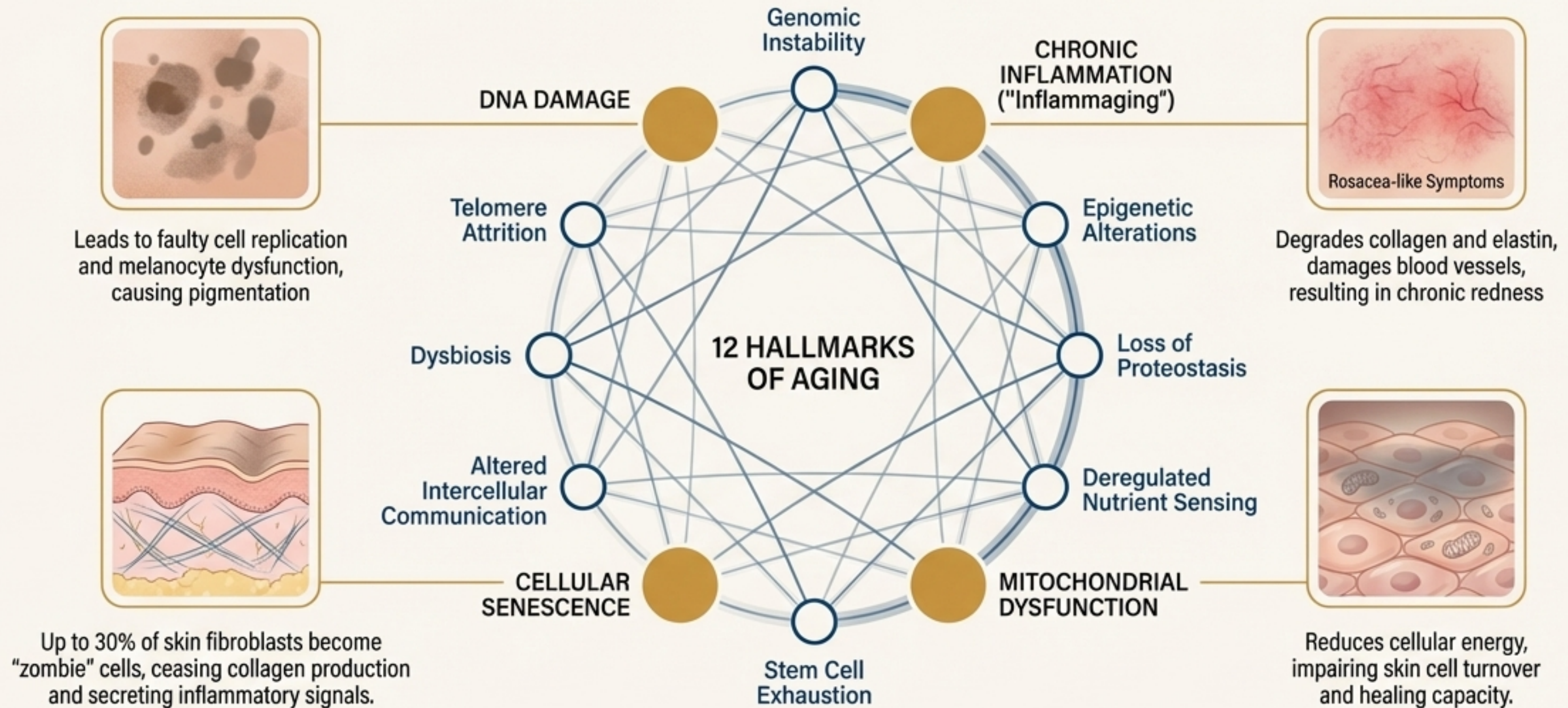
The rate of aging at the cellular level.
A dynamic, modifiable measure.

The discrepancy between these two ages proves two critical points:

- 1. Aging is not a fixed, programmed process.
- 2. We can scientifically measure the impact of interventions on the aging process itself.

The 12 Hallmarks of Aging are the true drivers of skin degradation

Scientific consensus identifies 12 root causes of **cellular decline** that drive the aging process in all 37 trillion of our cells. These the aging processs in all 37 trillion of our cells. These aren't just abstract concepts; they are the direct cause of the visible changes you see in your patients' skin.



One molecule is central to combating all 12 Hallmarks: NAD.

Nicotinamide Adenine Dinucleotide (NAD) is a natural molecule found in every cell, essential for life. Without it, you would be dead in 30 seconds. Its role is twofold:



Cellular Energy Production

NAD is fundamental for converting food into the energy (ATP) that powers all cellular functions.

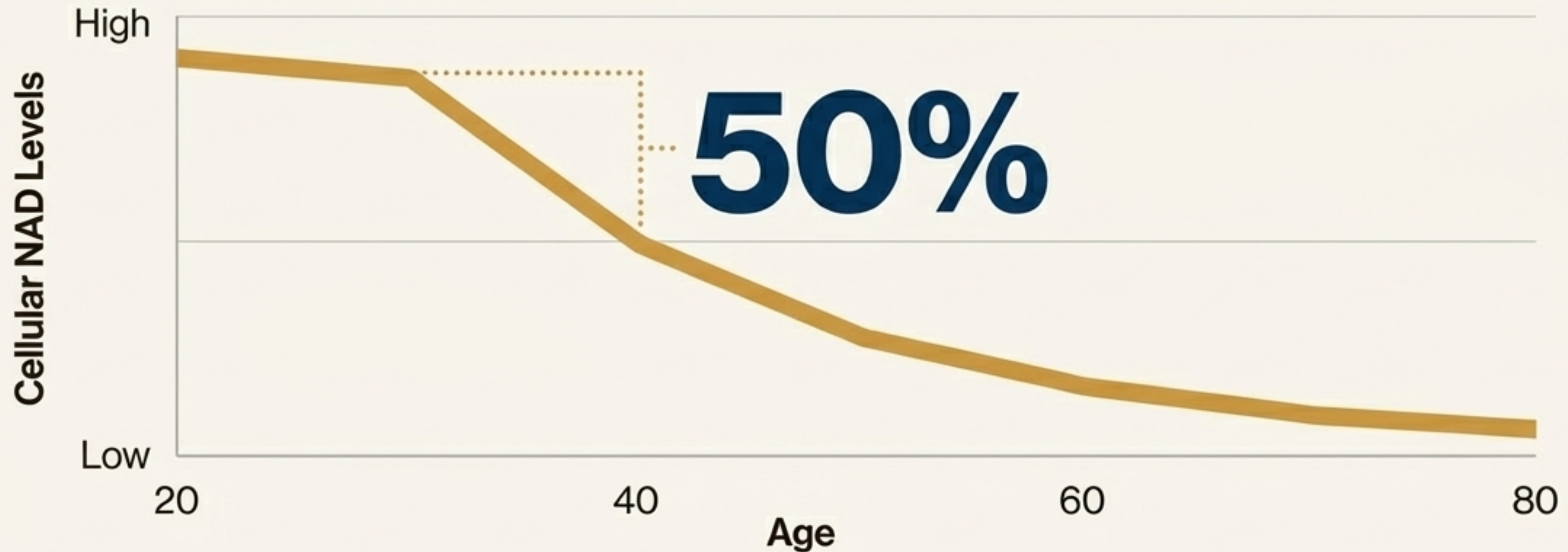


Cellular Maintenance & Repair

NAD acts as the fuel for critical enzymes that repair DNA, reduce inflammation, and maintain cellular integrity.

High NAD = High Energy & Repair. Low NAD = Low Energy & Repair.

The fundamental problem: NAD levels plummet with age.



Cellular NAD levels decline by **50% every 20 years**. This decline is a primary driver of the Hallmarks of Aging, leading to an accumulation of cellular damage and an increase in biological age.

Restoring NAD to youthful levels has been shown in thousands of studies to improve all 12 Hallmarks of Aging.

The search for an NAD solution has been flawed.

The market is saturated with methods that fail to address the core biological challenges of delivering NAD effectively.

The Oral NAD Myth



“Pure NAD” supplements

NAD is a highly unstable molecule. It does not survive digestion in the gut and is broken down before it can be used.

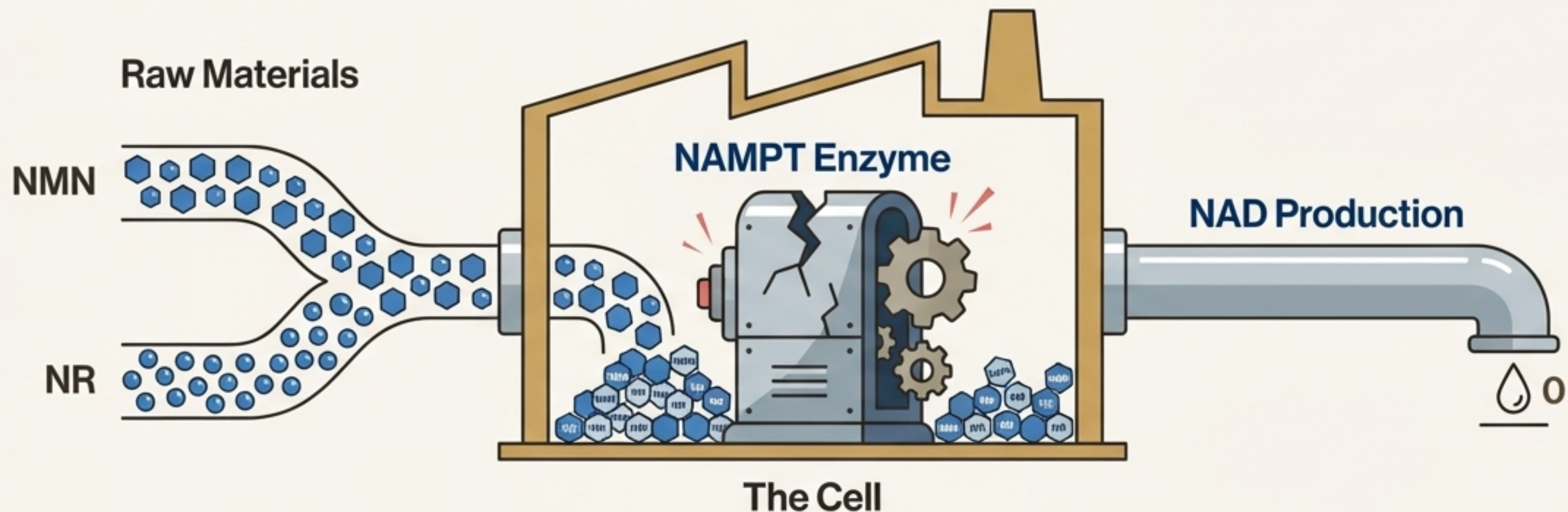
The IV Infusion Myth



Bypassing the gut delivers NAD directly to the bloodstream.

NAD is too large to easily enter cells, where it is needed. Clinical data shows it gets stuck in the blood, is rapidly metabolized, and can trigger an inflammatory response. It does not effectively raise intracellular NAD.

Why precursor supplements are like sending raw materials to a broken factory.



1. The Problem: NAD declines primarily because the key enzyme (NAMPT) that recycles and produces it declines with age. Our cellular machinery breaks down.

2. The Flawed Solution: NMN/NR supplements provide more raw materials for the NAD production pathway.

3. The Result: Without fixing the broken NAMPT enzyme, the cell cannot efficiently convert these precursors into NAD. They can build up, causing other issues like methylation problems, without solving the core deficit.

The most effective strategy: fix the factory, don't just supply it.

The latest science demonstrates that a truly effective approach to restoring NAD must address both causes of its decline.



1. Reactivate NAD Production.

Use ingredients that switch the key NAMPT enzyme back on, restoring the cell's natural ability to produce and recycle NAD.



2. Reduce NAD Demand.

Use ingredients that inhibit inflammatory proteins and enzymes that wastefully consume NAD, ensuring it's used for vital repair and energy pathways.

Nidto Time Plus: Formulated to address the root causes of NAD decline.

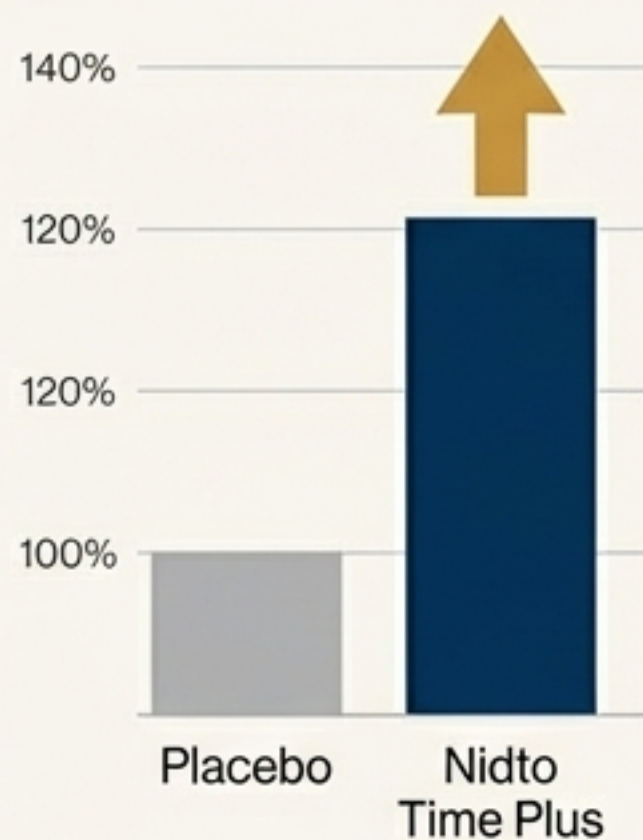
Nidto Time Plus is the only supplement proven in a double-blind, placebo-controlled human clinical trial to restore youthful NAD production by targeting its underlying causes.



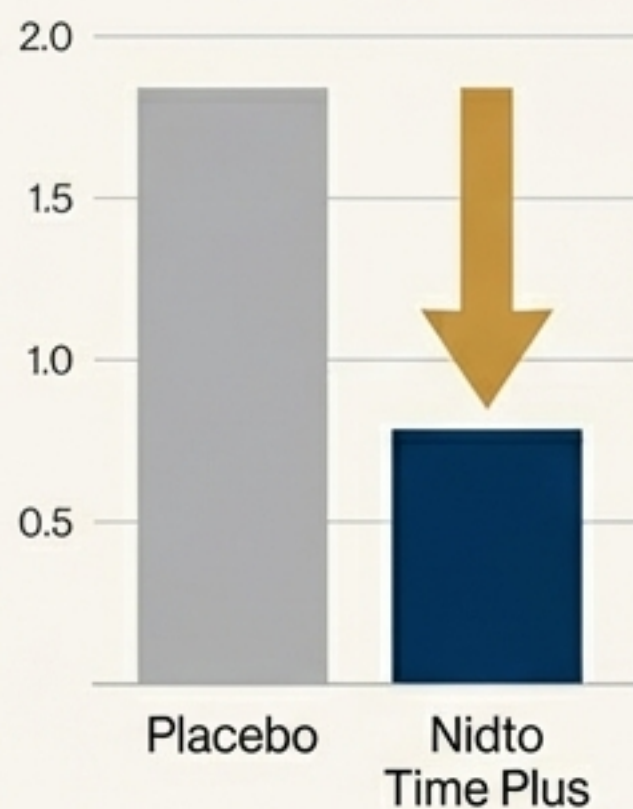
The proof: Clinically validated reversal of aging metrics.

In our double-blind, placebo-controlled, crossover human clinical trial, Nidto Time Plus demonstrated significant improvements in key biomarkers of aging.

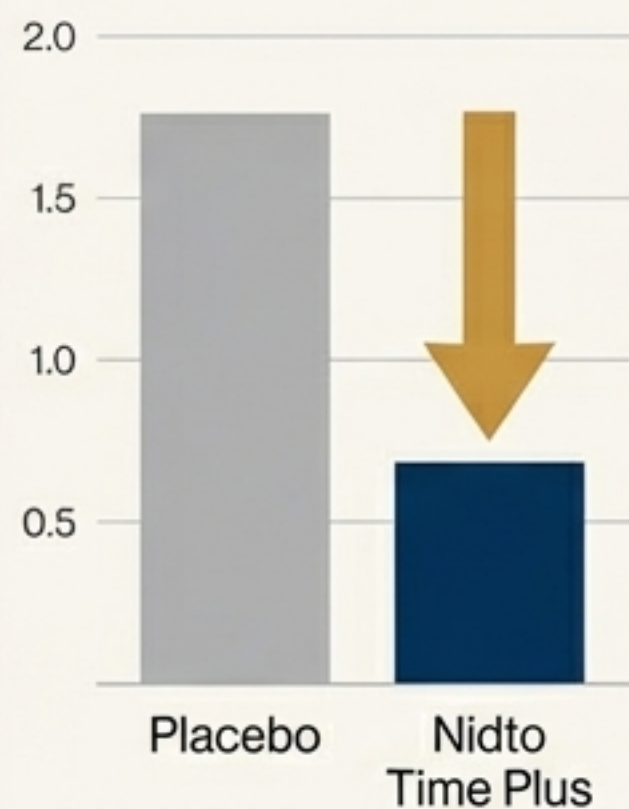
Boosts Intracellular NAD



Lowens Inflammation



Lowens Glycation (AGEs)



Reverses Biological Age



Statistically significant reversal of biological age.

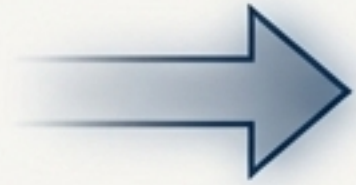
*All research is published and open-access. Full papers available upon request.

Cellular renewal translates to visible skin rejuvenation.

The 3-month clinical trial showed that internal increases in cellular NAD led directly to measurable improvements in skin health, with no other aesthetic procedures or changes to skincare.



Baseline



After 3 Months

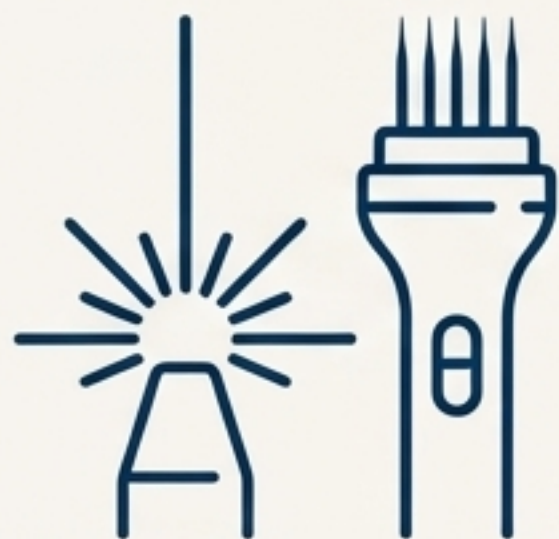
Heading

Significant reduction in redness and rosacea—conditions notoriously difficult to treat.

“ Participants reported improvements in skin health, increased energy levels, and improved sleep quality.

Elevating aesthetic outcomes by optimizing cellular health.

Many of your procedures rely on the skin's regenerative capacity, which is dependent on NAD. Optimizing cellular health is critical for achieving the best results, especially in an aging patient population.



These treatments work by inflicting localized damage to activate repair pathways. These pathways are fueled by NAD. Low NAD means a stressed cell cannot mount an optimal healing response.



Maintaining the cellular repair capacity in older patients is critical to ensure predictable and effective results from any procedure.

High NAD levels ensure cells are in optimal condition to respond to aesthetic treatments for superior results.

A critical intervention for the menopausal patient.

Menopause creates a “perfect storm” for accelerated aging. The sharp decline in estrogen, a key molecule for energy and repair, occurs precisely when NAD levels are already depleted.

+9 years

During the menopausal transition, a woman's biological age can increase by up to **9 years in just 6 months.**

Benefits of NAD Restoration

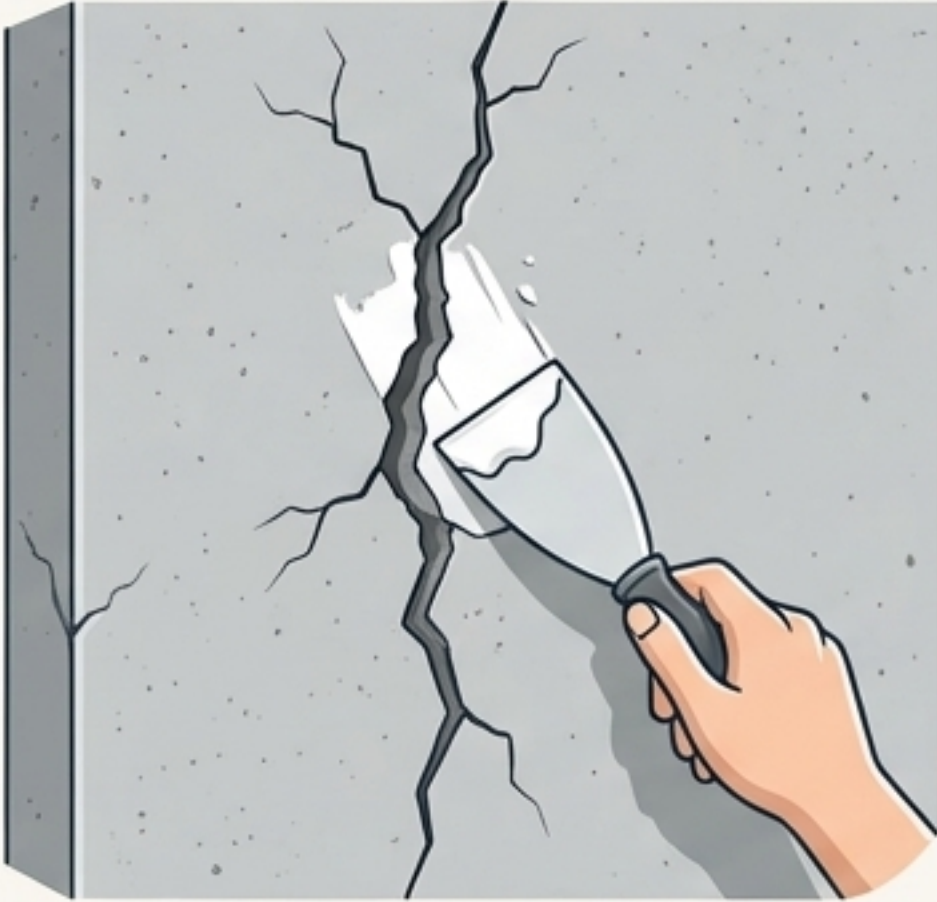


- Significant increase in physical energy, combating fatigue.
- Reduction in "brain fog".
- Improved sleep quality through circadian rhythm regulation.
- Visible improvements in hair, skin, and nail health.



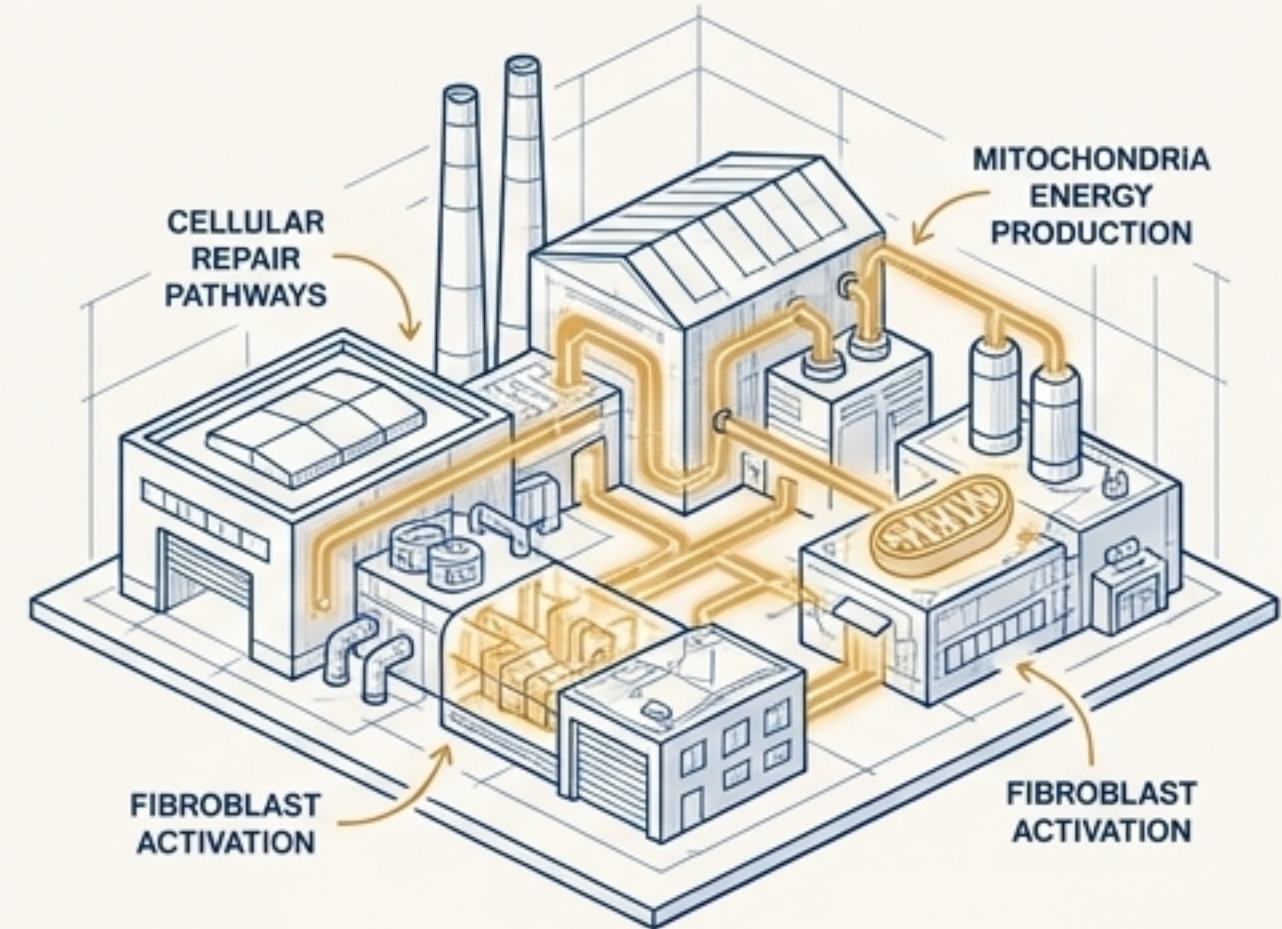
NAD vs. Collagen: Fixing the cause vs. patching the symptom.

The 'Firefighting' Approach



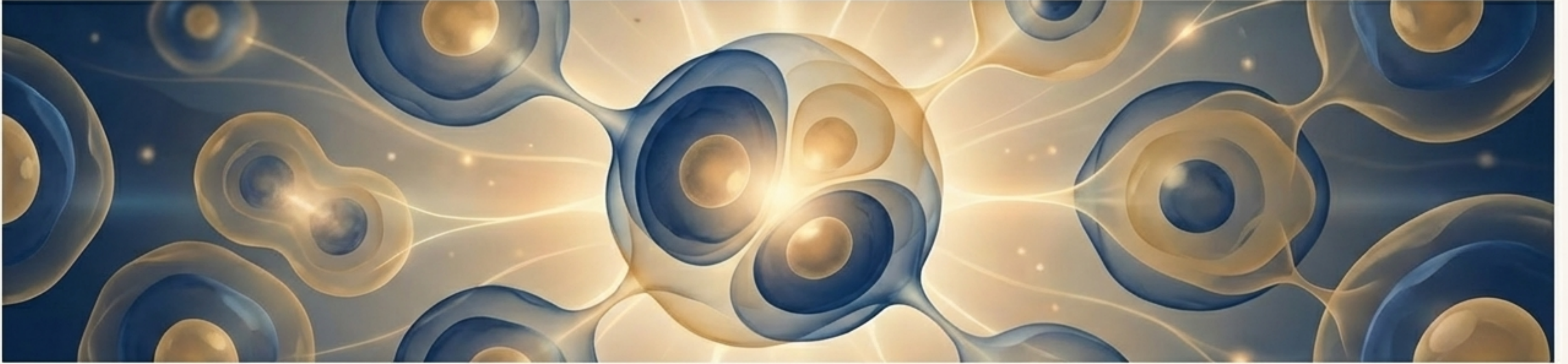
Collagen supplementation attempts to fill the gaps created by declining production. It does not address *why* the fibroblast cells are no longer producing collagen effectively. It's a temporary patch.

The 'Root Cause' Solution



Boosting NAD restores the health and energy of the fibroblast cells (the 'factory'), enabling them to produce their own natural collagen and elastin again. It fixes the problem at the source.

The future of aesthetics is regenerative. It starts at the cellular level.



The ability to reverse biological age is no longer theoretical. By addressing the decline of NAD, we can move beyond managing the symptoms of aging and begin to target the process itself. This foundational approach enhances patient outcomes, elevates the results of existing treatments, and defines the next era of aesthetic medicine.

By restoring the cell, we regenerate the patient.