Xelgen

THE WORLD'S FIRST CELLULAR INTELLIGENCE PLATFORM

260K+

EPIGENETIC MARKERS — MAPPED BEFORE AND AFTER CELL THERAPY

Cell therapy works.
Now you can prove it.

Stem cells. Exosomes. Regenerative protocols. For the first time in history, Xelgen measures exactly what changes inside your cells — before and after every procedure.

THE PROBLEM

Right now, it's all based on feelings.

Cell therapy is one of the most powerful interventions in modern medicine. Clinics administer it. Patients invest in it. But ask how it went — and the entire system runs on guesswork.

💬

What patients say

There is no objective measurement of what actually changed inside their cells.

😊 "I feel great."

🤷 "I think it's working..."

📋

What clinics have

Dosage decisions based on intuition. No validated proof of cellular change. Flying blind.

NO DATA TO CONNECT

UNTIL NOW

What if you could see inside the cells?

Not how a patient feels. What actually happened — at a biological level.

IDEA 1 — UNDERSTANDING METHYLATION

Your DNA is a book.
Methylation is the highlighter.

Genes don't turn on or off randomly — they get *marked*. Methylation tells your body which chapters to read and which to skip. Ageing is what happens when the wrong chapters get highlighted over decades.

Young / healthy cells

Right chapters active
Ageing genes quiet

- Healthy gene active
- Ageing gene suppressed

Ageing / no treatment

Aged cells — wrong chapters

Inflammation genes on
Repair genes silenced

- Ageing gene switched ON
- Repair gene now silent

IDEA 2 — WHAT EXOSOME THERAPY ACTUALLY DOES

Exosomes rewrite the highlighting instructions.

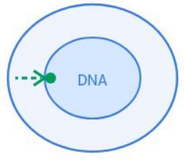
Exosomes are tiny biological messengers. They don't fight anything — they deliver instructions that tell your cells to *re-highlight the right chapters*. The ELOVL2 result dropping from 0.94 → 0.12 is the most worn-out page in the ageing book becoming crisp again.

Exosome therapy
Tiny messenger vesicle

Contains miRNA
+ signalling proteins

enters your cell

Inside your cell
Instruction delivered to DNA



DNMT enzyme gets
the re-highlighting
instruction

result: book rewritten

Outcome
Younger pattern restored

ELOVL2: 0.94 → 0.12
Strongest signal in data

HOW XELGEN WORKS

Epigenetic mapping at 260,000+ markers

Four steps. A simple sample. Cellular intelligence that has never existed before.

01

Baseline sample

Sample taken before therapy. 260K+ markers mapped — full cellular snapshot.

02

Therapy administered

Stem cells, exosomes or regenerative protocol given as normal.

03

Post-therapy sample

Second sample taken. Every marker compared against baseline to detect change.

04

Intelligence delivered

Clinic and patient receive biological proof — and precise next-step recommendations.

WHAT XELGEN ANSWERS

Three questions that were never answerable before.

01 / 03

✓

Did the therapy actually work?

Biological proof that the procedure produced measurable cellular change. Not "I feel better." Confirmed at 260,000+ marker resolution.

EFFICACY CONFIRMED

02 / 03

What is the right dose?

Every patient's biology is different. Xelgen identifies the optimal dosage for each individual — replacing intuition with precision calibrated to their cells.

PRECISION DOSING

03 / 03

↻

When should they return?

The personal regeneration schedule — exactly when cells are ready for the next round. Maximise results. Eliminate wasted procedures.

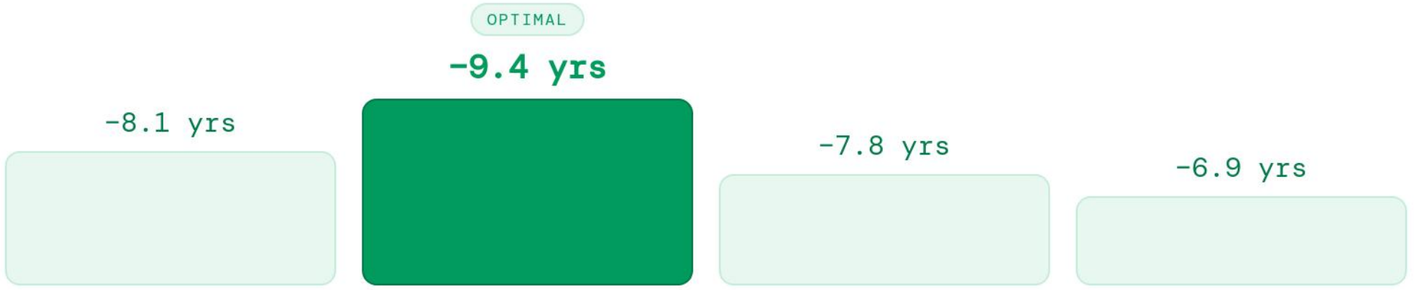
OPTIMAL SCHEDULING

DOSING INTELLIGENCE

Monthly is optimal. Now we can prove why.

Xelgen maps the methylation rebound cycle (~28 days). Monthly dosing matches this rhythm perfectly — peak efficiency, best cost-to-benefit ratio.

YEAR 5 OUTCOME VS DOSING INTERVAL — BIOLOGICAL AGE DELTA



-9.4	13.4	+3.0	Yr 1
YRS DELTA (YR 5)	YRS VS NO TREATMENT	SYNERGY BONUS	DIVERGENCE POINT

THE OUTCOME

A win for clinics. A win for patients.

FOR CLINICS

Prove your outcomes. Build real loyalty.

- → Demonstrate measurable efficacy to every patient
- → Justify protocols and dosage with cellular evidence
- → Differentiate from competitors with data-backed results
- → Optimise schedules to maximise patient commitment

+

FOR PATIENTS

Stop guessing. Know what happened.

- → Confirm your investment produced real cellular change
- → Understand your personal biological response
- → Get a data-driven schedule — not a generic protocol
- → Commit to treatment with proof, not hope

Request a Demo

xelgen.bio