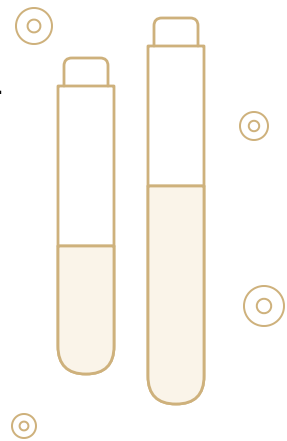


FOR LICENSED PROVIDERS

Where Stem Cells & Exosomes Fit in *Your Practice*



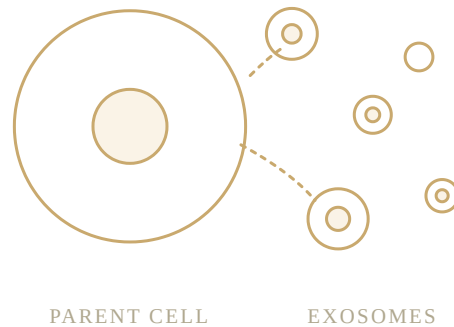
A plain-language guide to how regenerative biologics work — and the conditions your patients are already asking you to treat.

MECHANISM OF ACTION

How Stem Cells & Exosomes Actually *Do Their Work*

These aren't drugs that force a single outcome. They're signaling agents — they arrive at a site of damage and orchestrate the body's own repair machinery. Here's the short version you can give a patient.

- 01 Signal & Recruit**
 Mesenchymal stem cells release growth factors and cytokines that call the body's repair cells to the injured area — turning a stalled site back "on."
- 02 Calm Inflammation**
 They modulate an overactive immune response. Chronic inflammation is what keeps joints and tissue from healing; these biologics help quiet it.
- 03 Rebuild Tissue**
 New blood vessels, collagen, and cellular scaffolding form — supporting cartilage, tendon, and soft-tissue recovery over the weeks that follow.



Cells vs. Exosomes

Stem cells are the living messengers — they adapt to the environment and signal over time.

Exosomes & secretomes are the messages themselves — the concentrated signaling payload, cell-free and shelf-stable.

MOST COMMON APPLICATIONS

The Four Your Patients *Ask About Most*

Across regenerative practices, these account for the majority of cases. Each is a strong candidate for joint or soft-tissue injection.



MOST COMMON

Knees

Osteoarthritis, meniscus wear, and chronic joint pain. The flagship use case — intra-articular injection to support cartilage and reduce inflammation, often delaying or avoiding replacement.



HIGH DEMAND

Shoulders

Rotator cuff strain, tendon injury, and degenerative shoulder pain. Targeted injection supports the tendon and surrounding soft tissue where mobility breaks down.



HIGH DEMAND

Back

Disc degeneration, facet joint pain, and chronic lower-back inflammation. A leading reason patients seek a non-surgical, regenerative alternative.



COMMON

Hip

Hip osteoarthritis and labral wear. Injection into the joint space supports the cartilage surface and eases the deep, weight-bearing pain that limits daily movement.

EXPANDED APPLICATIONS

Beyond the Big Four — *More Ways to Help*

Once a practice is comfortable with the core joints, these open up naturally. Several are strong fits for IV delivery rather than injection.



INJECTION

Neck

Cervical disc and facet pain, stiffness, and degenerative change. Precision injection for patients with chronic neck issues that haven't resolved conservatively.



INJECTION

Feet & Ankles

Plantar fasciitis, Achilles strain, and ankle joint wear. Soft-tissue targets that respond well to localized regenerative support.



INJECTION

Hands & Wrists

Arthritis of the small joints, thumb-base pain, and wrist strain. Fine-target injections for patients losing grip strength and dexterity.



IV THERAPY

Longevity & Wellness

Systemic IV delivery for energy, recovery, inflammation, and overall vitality. The fastest-growing cash-pay category — and the easiest entry point for many patients.

HOW IT'S DELIVERED

Two Routes, *One Decision*

Targeted Injection

Delivered directly into a joint or soft-tissue site. The route for localized, structural problems.

- Knees · shoulders · hips · back
- Neck · hands · feet & ankles
- Best where damage is specific and identifiable

IV Therapy

Delivered systemically through an IV. The route for whole-body and wellness goals.

- Longevity & vitality
- Recovery, energy, systemic inflammation
- Easiest first treatment for many patients

THE ATOM LINE

Which Product, *When*

A quick reference for matching the product to the application.

ATOM IV	Systemic IV therapy — longevity, wellness, recovery.
<hr/>	
ATOM Injection	Targeted joint & soft-tissue injection — knees, shoulders, hips, back, and more.
<hr/>	
ATOM SSEC™	The flagship — Stress-Selected Enduring Cells for the most demanding cases.
<hr/>	
ATOM X	Acellular secretomes — the cell-free signaling payload, shelf-stable.
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Current pricing and full specifications live at atomstemcells.com/products.

BRINGING IT INTO YOUR PRACTICE

You Already Have the *Patients For This*

The patients walking in with knee pain, a bad shoulder, or chronic back issues are the same ones asking what else is out there. Regenerative biologics give you an answer — and a high-value service that fits the practice you already run.

What We Provide

- cGMP-grade product with a Certificate of Analysis on every lot
- Administration protocols and patient-selection guidance
- Done-for-you marketing to fill your schedule
- Same-day support when you have questions

Next Step

Talk with us about which products fit your patient base and how to launch. We'll walk you through protocols, ordering, and getting your first patients booked.

BECOME A PARTNER

atomstemcells.com/partner-signup