

Precision Regenerative Medicine "In-House Cellular  
Manufacturing" Personalized Longevity Protocols

# WELCOME PACKAGE

Enhancing Your Body's Ability to  
Repair, Regenerate and Optimize



Cellular INSTITUTE

# WELCOME TO CELLULAR INSTITUTE

Cellular Institute is a clinical and manufacturing center for regenerative and longevity medicine located in Cancún, Mexico.



Our mission is to deliver personalized, high-potency biological therapies using scientifically grounded protocols designed to improve function, reduce inflammation, and optimize long-term health.

We combine:



In-house cellular manufacturing



Advanced regenerative therapies



Functional and longevity medicine



Precision diagnostics



Multidisciplinary medical care

# A MULTIDISCIPLINARY, SYSTEMS-BIOLOGY APPROACH

Our team integrates expertise in:

Regenerative medicine

Neurology

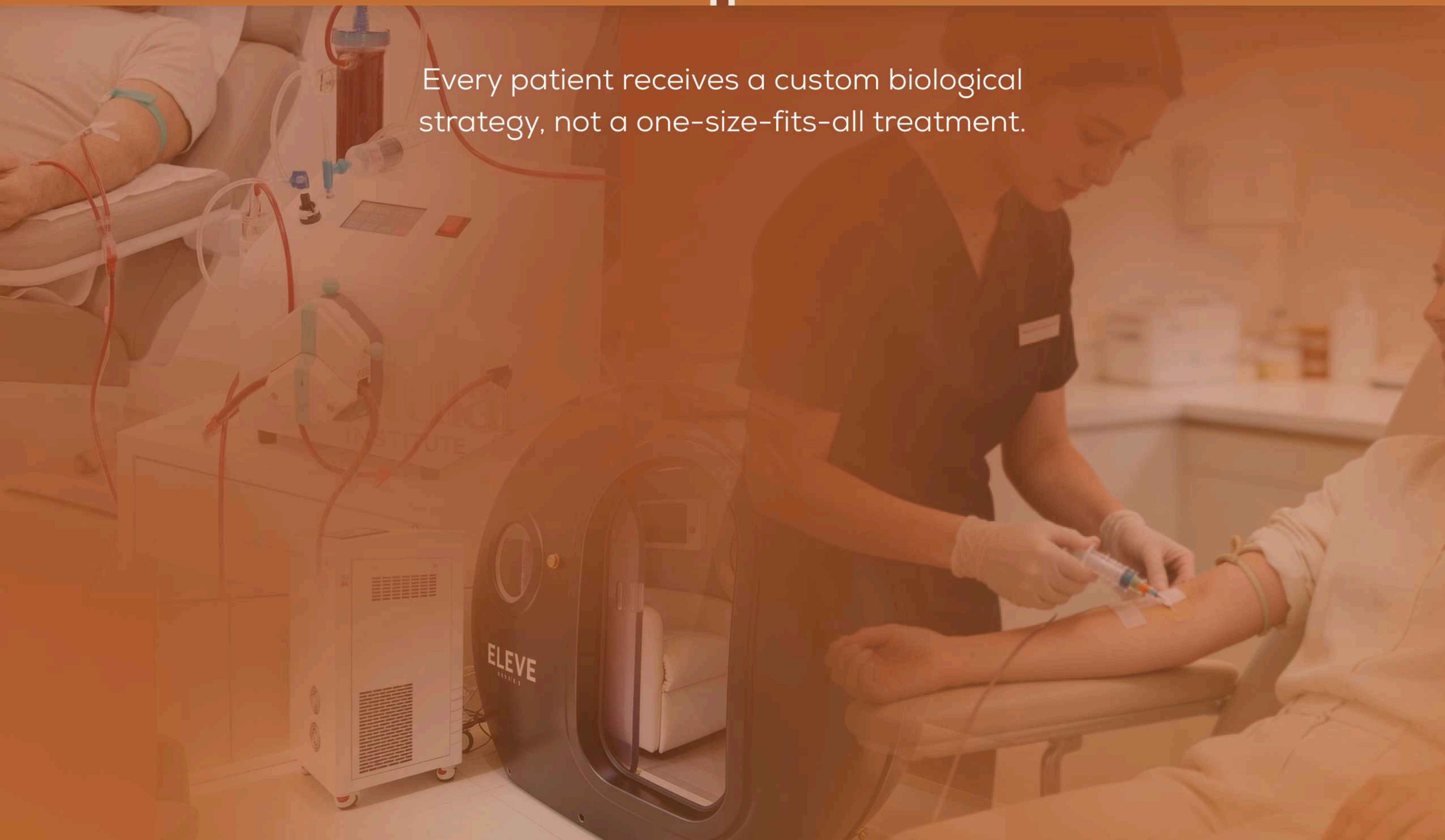
Orthopedics & sports medicine

Functional medicine

Immunology

Longevity and metabolic  
optimization

Every patient receives a custom biological  
strategy, not a one-size-fits-all treatment.



# REGULATED, LICENSED AND TRANSPARENT

Cellular Hope Institute operates under **COFEPRIS**  
regulatory oversight with licenses for:



TISSUE  
PROCUREMENT



CELLULAR  
PROCESSING



REGENERATIVE  
MEDICAL  
APPLICATION

This allows us to manufacture and administer cultured, expanded cellular therapies in compliance with Mexican health regulations.

Our model prioritizes:

**SAFETY**

(RIGOROUS PROTOCOLS AND OVERSIGHT)

TRACEABILITY

QUALITY CONTROL

ETHICAL DONOR SCREENING

# IN-HOUSE CELLULAR MANUFACTURING

Unlike most clinics that rely on third-party frozen products, we manufacture cellular therapies on-site.

This provides:

- 1 FRESH, NEVER FROZEN MSCS**
- 2 NO COLD-CHAIN DEGRADATION**
- 3 PATIENT-SPECIFIC PRODUCTION**
- 4 FULL BATCH TRACEABILITY**
- 5 REAL QUALITY CONTROL TESTING**

Your cellular product is prepared specifically for your protocol, ensuring maximum viability and biological activity at the time of treatment.





PHARMACEUTICAL-GRADE

# CELLULAR PRODUCTS

Each batch undergoes:

CELL COUNT AND  
VIABILITY TESTING

1

STERILITY AND  
ENDOTOXIN SCREENING

2

IMMUNOPHENOTYPING  
(CD MARKERS)

3

CERTIFICATE OF  
ANALYSIS (COA)

4

Our Biologics

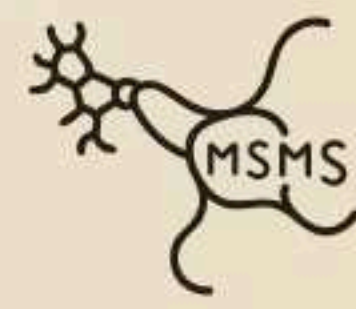
UMBILICAL CORD  
LINING DERIVED

EXPANDED UNDER  
HYPOXIC  
CONDITIONS

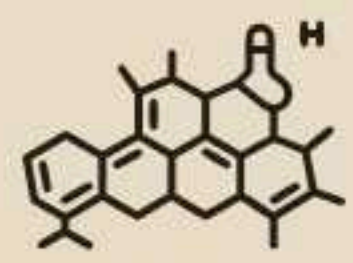
XENO-FREE  
CULTURED USING  
HUMAN PLASMA

ENZYME-FREE  
PROCESSED

This preserves cell potency,  
immunomodulatory function, and  
regenerative signaling capacity.



Mesenchymal  
Stem Cells  
(MSCs)



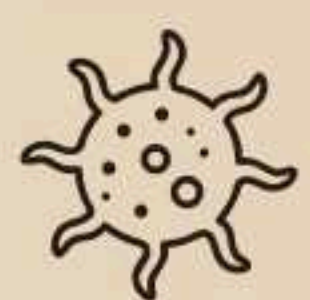
Pharmaceutical-  
grade peptides  
(99% purity)



Exosomes

# BEYOND STEM CELLS

We offer multiple  
therapeutic platforms:



Dendritic cell  
immunotherapy



Natural Killer (NK)  
cells



MUSE cell

This enables condition-specific,  
biologically targeted protocols.

# TARGETED CELLULAR ADMINISTRATION

We use advanced delivery techniques to maximize efficacy:

ULTRASOUNDGUIDED  
INTRAARTICULAR INJECTIONS

PERINEURAL AND  
INTRAMUSCULAR DELIVERY

INTRAVENOUS SYSTEMIC  
INFUSION

INTRATHECAL ADMINISTRATION  
(WHEN INDICATED)

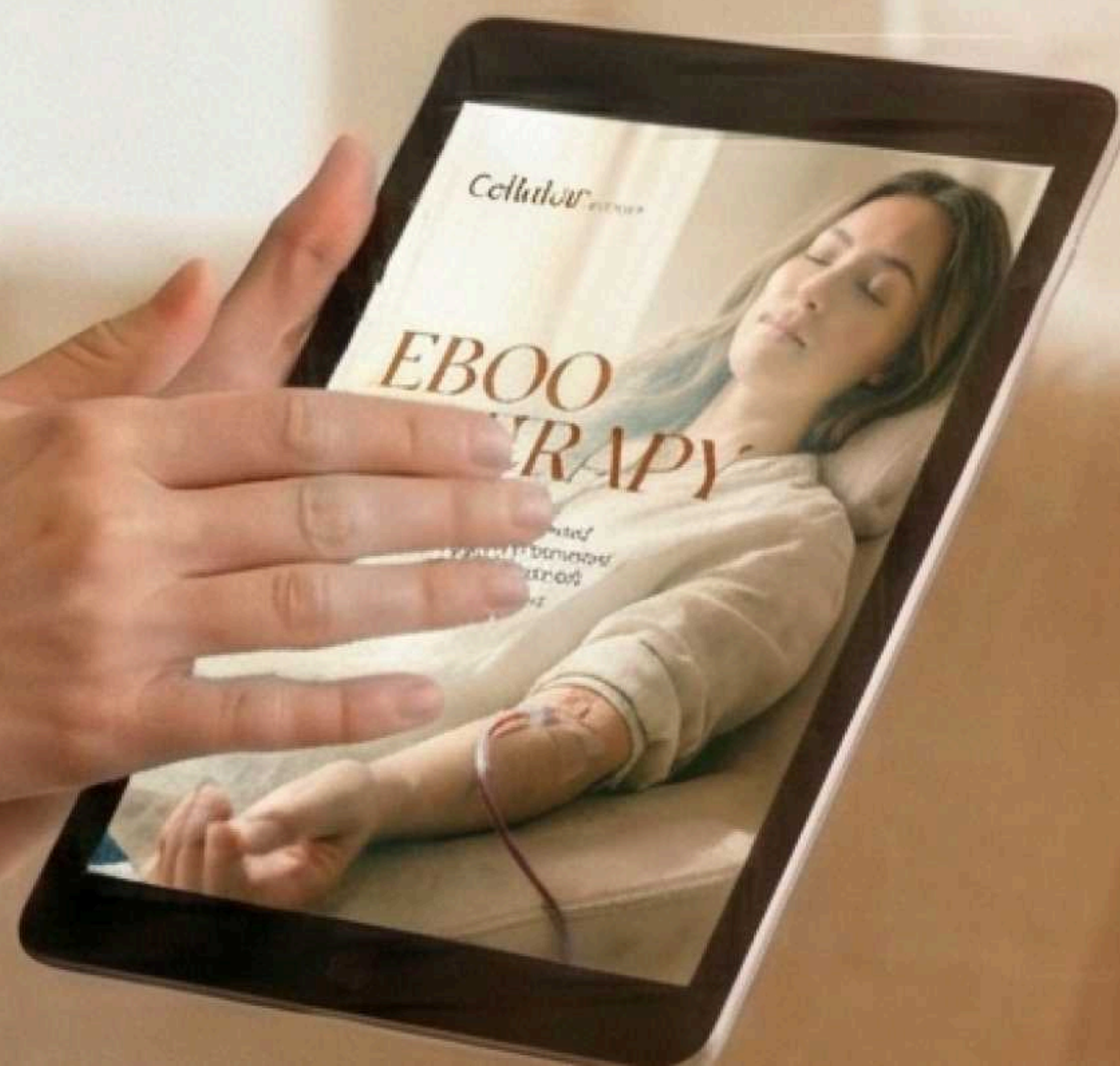
NEBULIZED EXOSOME THERAPY  
FOR PULMONARY CONDITIONS

CATHETERBASED ORGAN  
TARGETING (CARDIAC AND  
VASCULAR CASES)

Right cells.  
Right location.  
Right dose.

# A SYSTEMS BIOLOGY STRATEGY

We treat the biological environment,  
not only the symptom.



## Cellular therapy is combined with:

- ✓ PEPTIDE BIOREGULATORS
- ✓ RED LIGHT AND PEMF
- ✓ MITOCHONDRIAL SUPPORT (NAD<sup>+</sup>, SS-31)
- ✓ PERSONALIZED IV MICRONUTRIENT THERAPY
- ✓ IMMUNE MODULATION (THYMOSIN ALPHA-1)
- ✓ HORMONAL AND METABOLIC OPTIMIZATION
- ✓ OZONE THERAPY / EBOO
- ✓ HYPERBARIC OXYGEN THERAPY

# REGENERATIVE TECHNOLOGIES AVAILABLE

IN-HOUSE CELLULAR MANUFACTURING LABORATORY



HYPERBARIC OXYGEN THERAPY



EXTRACORPOREAL BLOOD OXYGENATION (EBOO/TPE)



RED LIGHT THERAPY



PEMF THERAPY



ULTRASOUND-GUIDED INJECTION SYSTEMS



NEBULIZATION PLATFORMS FOR PULMONARY DELIVERY



These technologies enhance:

CELL ENGRAFTMENT

TISSUE OXYGENATION

MITOCHONDRIAL FUNCTION

RECOVERY AND REPAIR



# CLINICAL APPLICATIONS

Our protocols are used for:

- ORTHOPEDIC AND SPORTS INJURIES
- AUTOIMMUNE DISEASES
- NEUROLOGICAL CONDITIONS
- CARDIOVASCULAR DISEASE
- PULMONARY CONDITIONS (INCLUDING COPD)
- METABOLIC AND INFLAMMATORY DISORDERS
- AESTHETIC AND TISSUE REGENERATION
- LONGEVITY AND HUMAN OPTIMIZATION

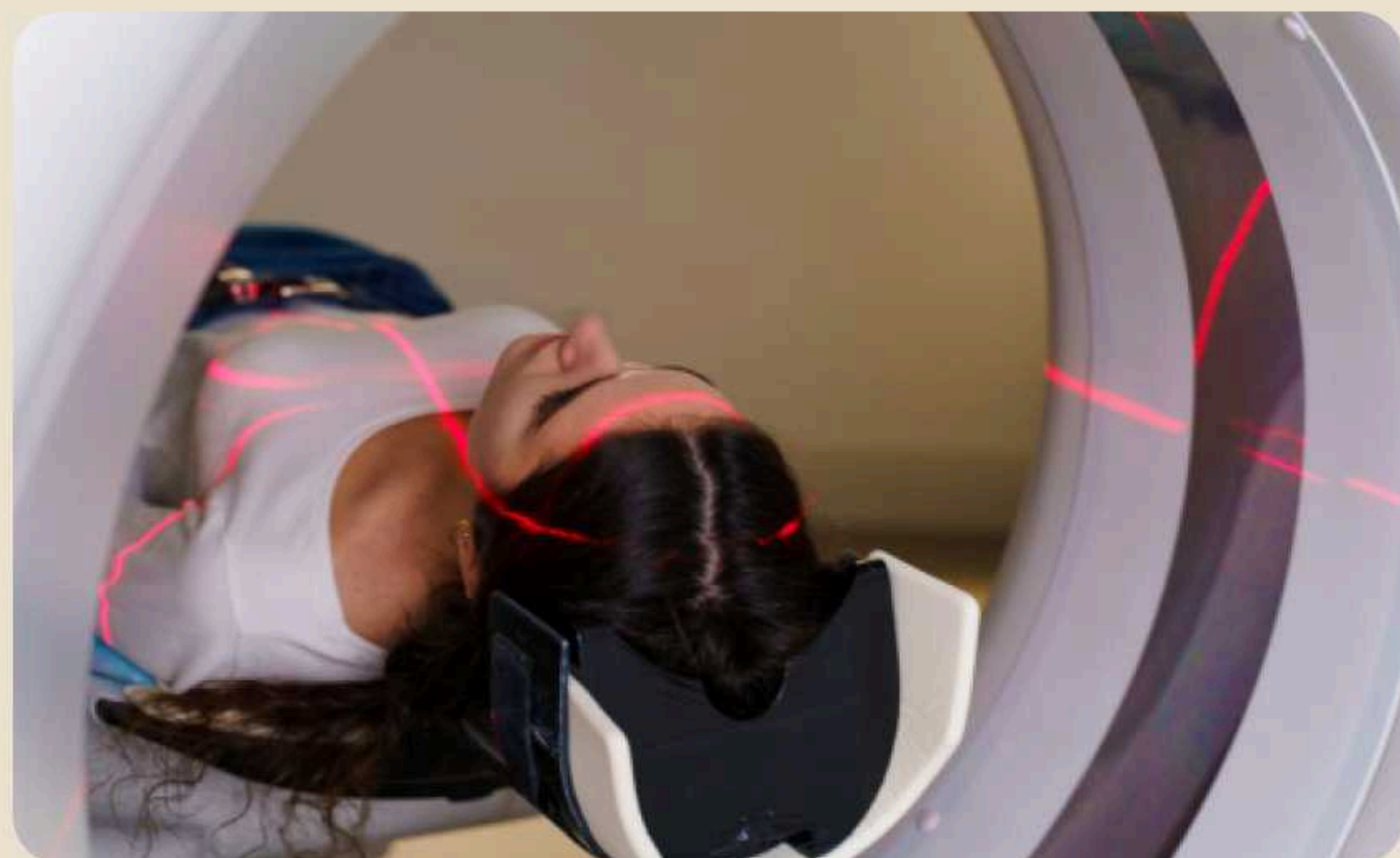
All programs are personalized based on biological assessment.

# THE CELLULAR INSTITUTE PROCESS



Medical history and  
biological assessment

1



Functional diagnostics and  
imaging review

2



Personalized treatment  
design

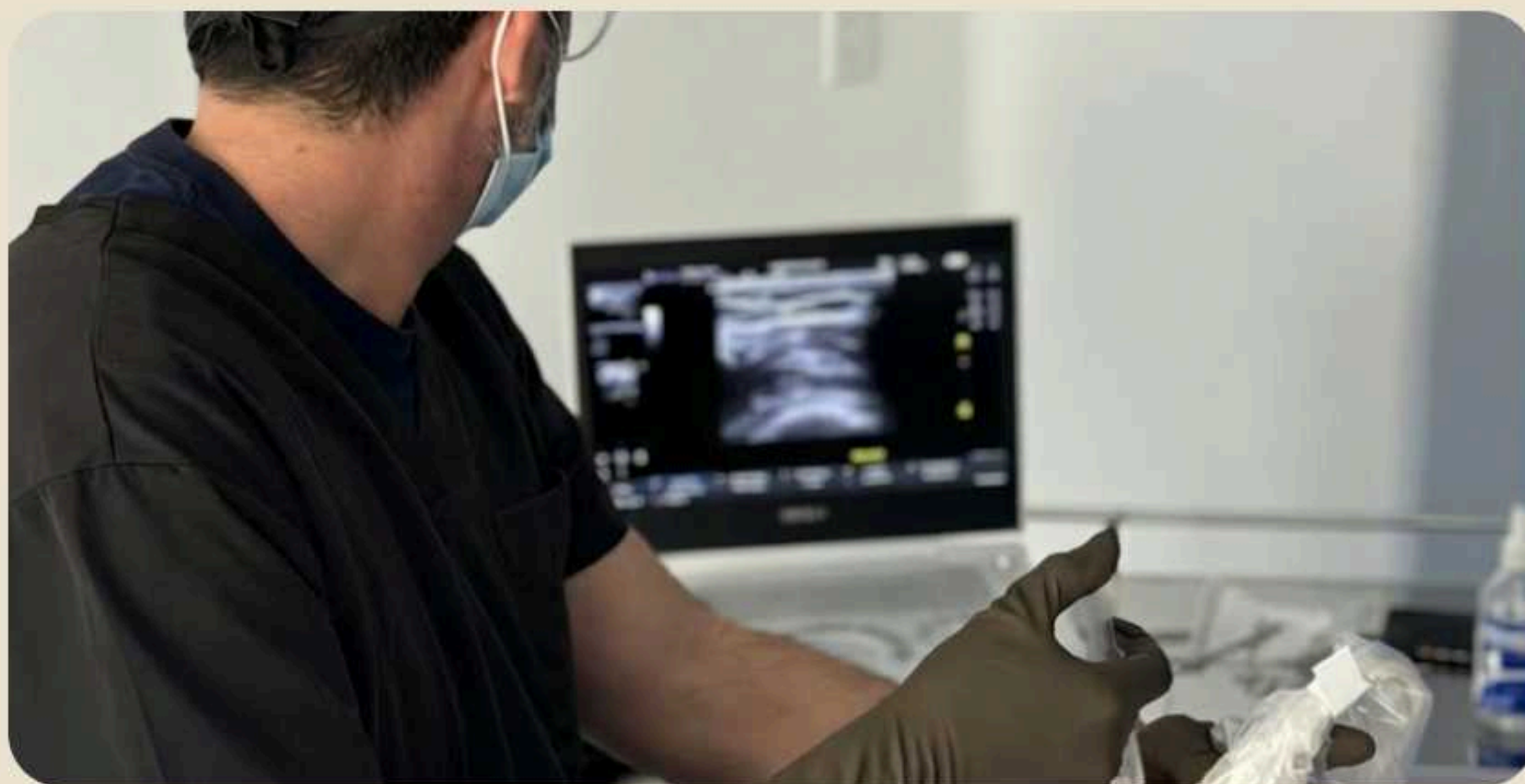
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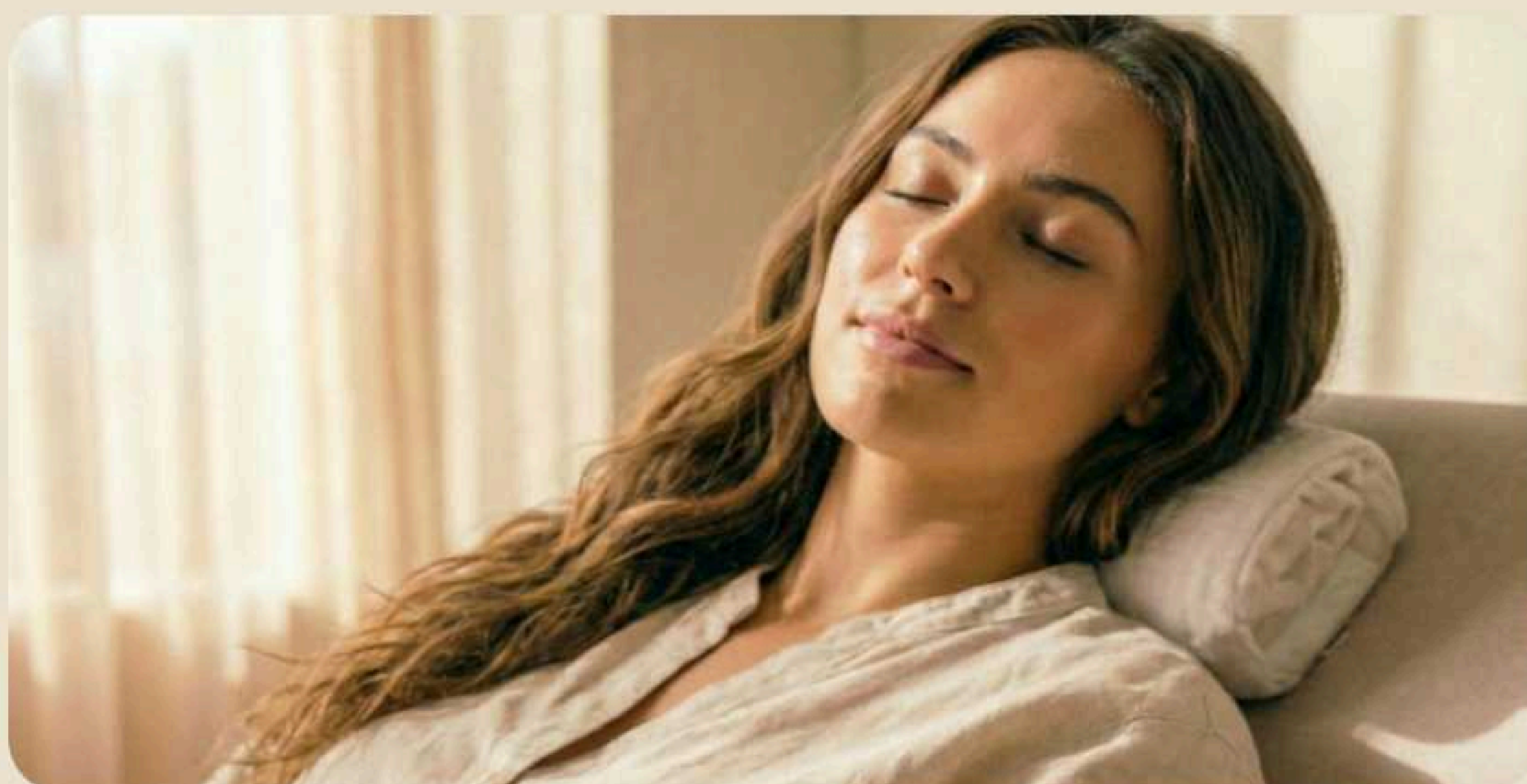
Patient-specific cellular manufacturing

5



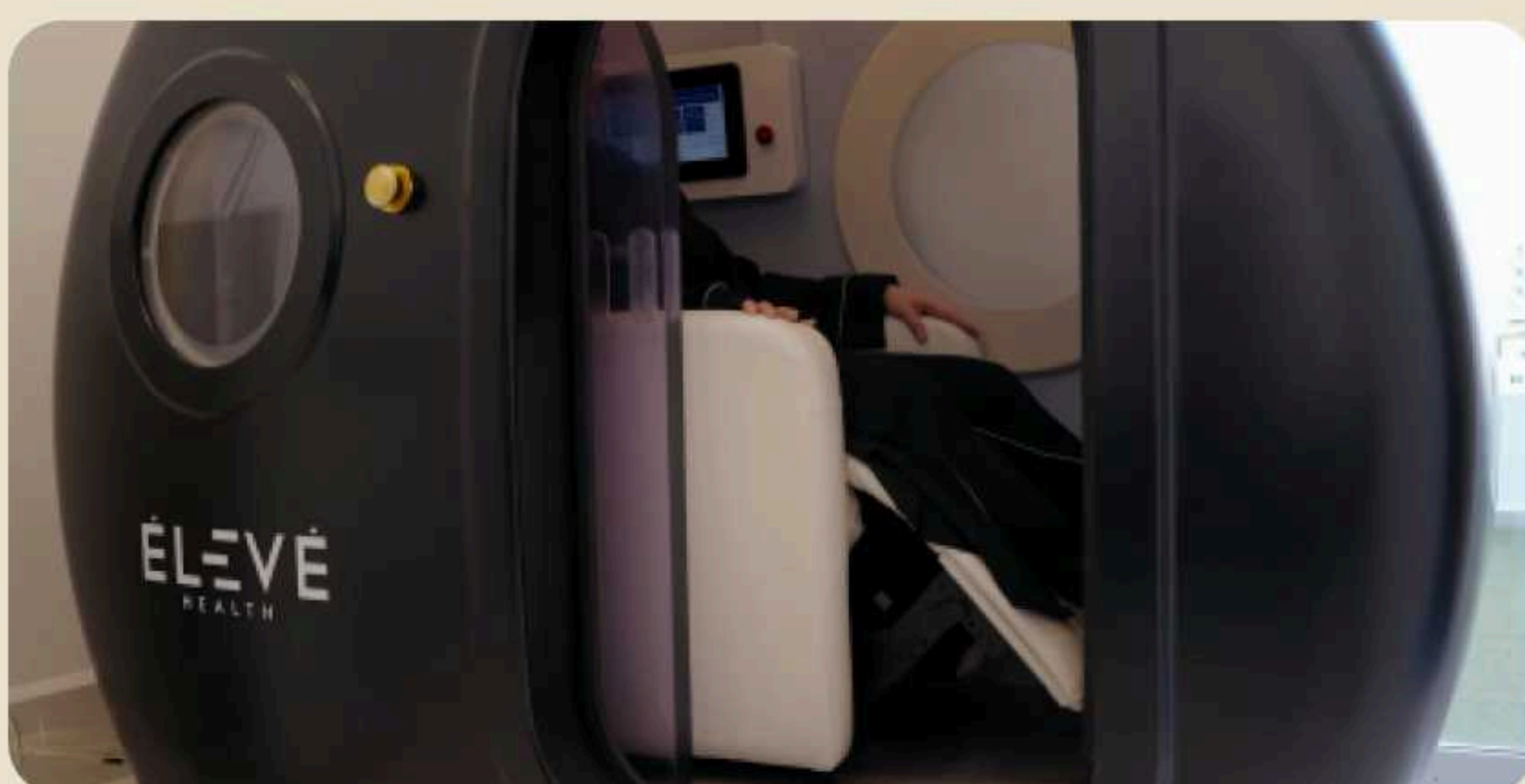
Targeted cellular administration

6



Regenerative environment optimization

7



Post-treatment recovery technologies

8



Long-term follow-up and remote support



# A FULLY INTEGRATED REGENERATIVE MEDICINE PLATFORM

Cellular Hope Institute is part of a  
global ecosystem that includes:

Cellular  
manufacturing  
(Cellgenic)

Physician  
education and  
research (ISSCA)

Clinical application  
and protocol  
development

This vertical integration allows:

CONTINUOUS INNOVATION

PHYSICIAN COLLABORATION

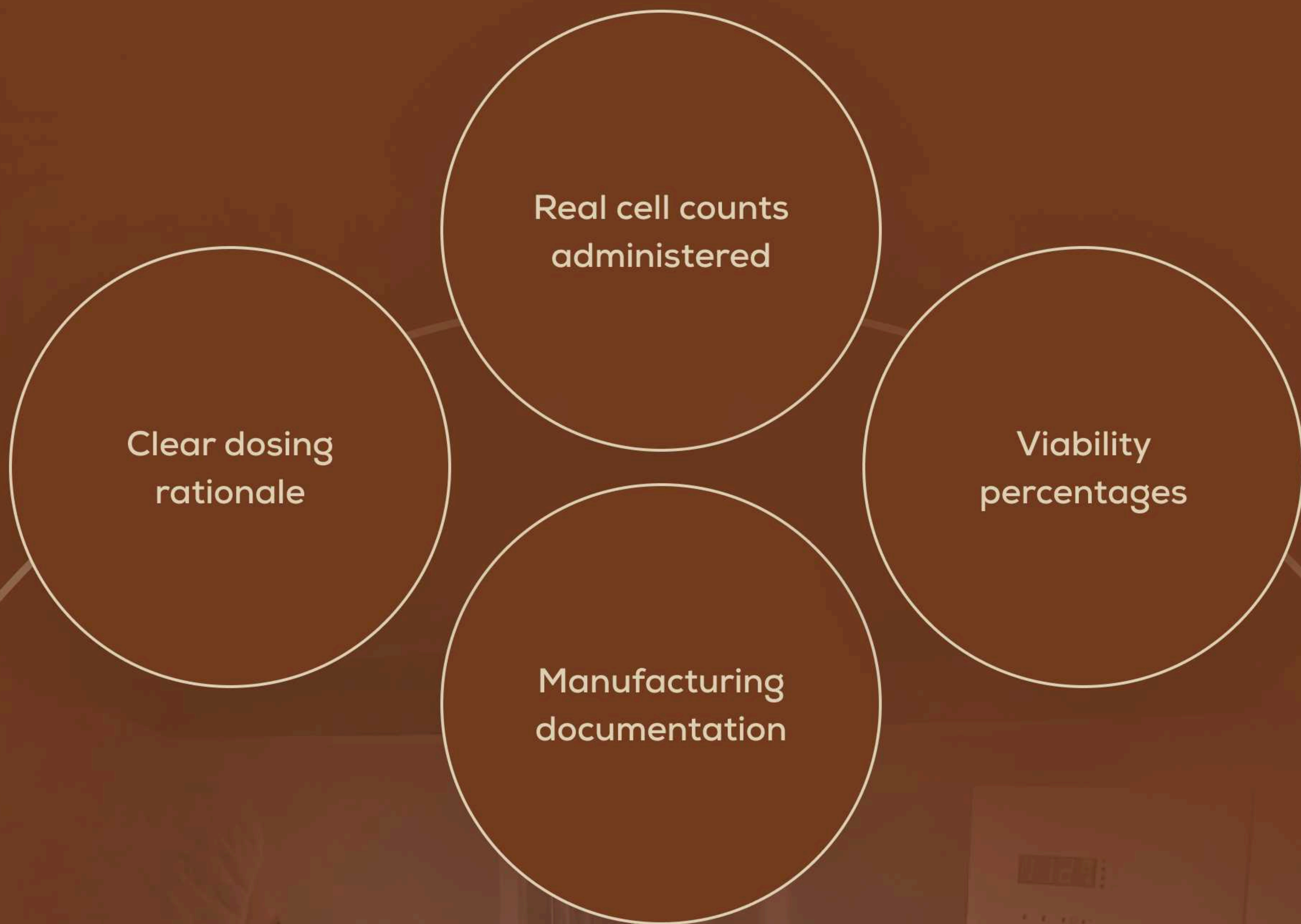
DATA-DRIVEN PROTOCOLS

GLOBAL CLINICAL FEEDBACK

Very few centers worldwide operate under this model.

# RADICAL TRANSPARENCY AND SCIENTIFIC INTEGRITY

We provide:

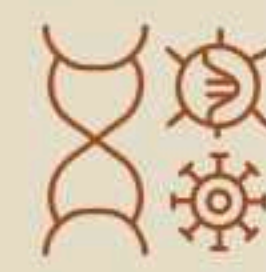


Our commitment is to deliver high-potency, personalized regenerative medicine with measurable biological standards.

# SAFETY AND PATIENT SELECTION

We evaluate:

MEDICAL HISTORY AND  
PRIOR TREATMENTS



BIOLOGICAL READINESS FOR  
CELLULAR THERAPY

IMAGING AND DIAGNOSTIC  
REPORTS



INDIVIDUAL GOALS AND  
EXPECTED OUTCOMES





# CONCIERGE MEDICAL CARE

Your program includes:

01

AIRPORT PICKUP AND  
TRANSPORTATION  
COORDINATION

02

PERSONALIZED  
SCHEDULING

03

PHYSICIAN  
CONSULTATION AND  
FINAL REVIEW

04

TREATMENT DAY  
MONITORING

05

POST-PROCEDURE  
OBSERVATION AND  
CARE

Our team ensures a safe, seamless, and comfortable medical experience.




Welcome to the future of  
regenerative medicine.

# Cellular

INSTITUTE

Manufacturing • Clinical Care  
Research • Education



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cellularhopeinstitute.com/