

## Dr Jon M Harmon

- ✓ Chiropractic Physician 34 years
- ✓ Board Certified in QEEG and Neurofeedback
- ✓ Father of eight children
- ✓ Grandfather of 26 children
- ✓ Author of “How to Reverse Aging- A Comprehensive Guide to Copper Peptides”



## Dr Jon M Harmon

- ✓ Founder and Owner of Clear Mind Idaho Located in Meridian, Idaho
- ✓ We help people get their brains right!
- ✓ [Drjharmon@gmail.com](mailto:Drjharmon@gmail.com)





# ClearMind Idaho™



**Dr Jon Harmon**

**DC, BCN, ICP**

**HOW TO REVERSE AGING!**

The background of the entire image is a vibrant, microscopic view of cells. The cells are rendered in various colors, including deep blues, purples, and greens, with glowing internal structures that suggest biological activity. The overall aesthetic is futuristic and scientific. The text is overlaid on a dark, semi-transparent rectangular area in the center.

# HOW TO REVERSE AGING

A COMPREHENSIVE GUIDE  
TO COPPER PEPTIDES

DR. JON HARMON

ghk-cu peptide

[Advanced](#) [Create alert](#) [Create RSS](#)

[User Guide](#)

Sorted by: Best match

MY NCBI FILTERS

124 results << < Page  of 13 > >>

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial

1 **Regenerative and Protective Actions of the GHK-Cu Peptide in the Light of the New Gene Data.**


Cite Pickart L, Margolina A.  
Int J Mol Sci. 2018 Jul 7;19(7):1987. doi: 10.3390/ijms19071987.  
Share PMID: 29986520 [Free PMC article.](#) [Review.](#)  
The human **peptide GHK (glycyl-L-histidyl-L-lysine)** has multiple biological actions, all of which, according to our current knowledge, appear to be health positive. It stimulates blood vessel and nerve outgrowth, increases collagen, elastin, and ...

2 **The potential of GHK as an anti-aging peptide.**

Cite Dou Y, Lee A, Zhu L, Morton J, Ladiges W.  
Aging Pathobiol Ther. 2020 Mar 27;2(1):58-61. doi: 10.31491/apt.2020.03.014.  
Share PMID: 35083444 [Free PMC article.](#)  
**GHK (glycyl-L-histidyl-L-lysine)** is a naturally occurring **peptide** found in human serum with levels averaging 200 ng/ml at age 20 but declining to an average of 80 ng/ml by age 60. The molecule has a very high affinity for copper and forms the ch ...

3 **GHK Peptide as a Natural Modulator of Multiple Cellular Pathways in Skin Regeneration.**

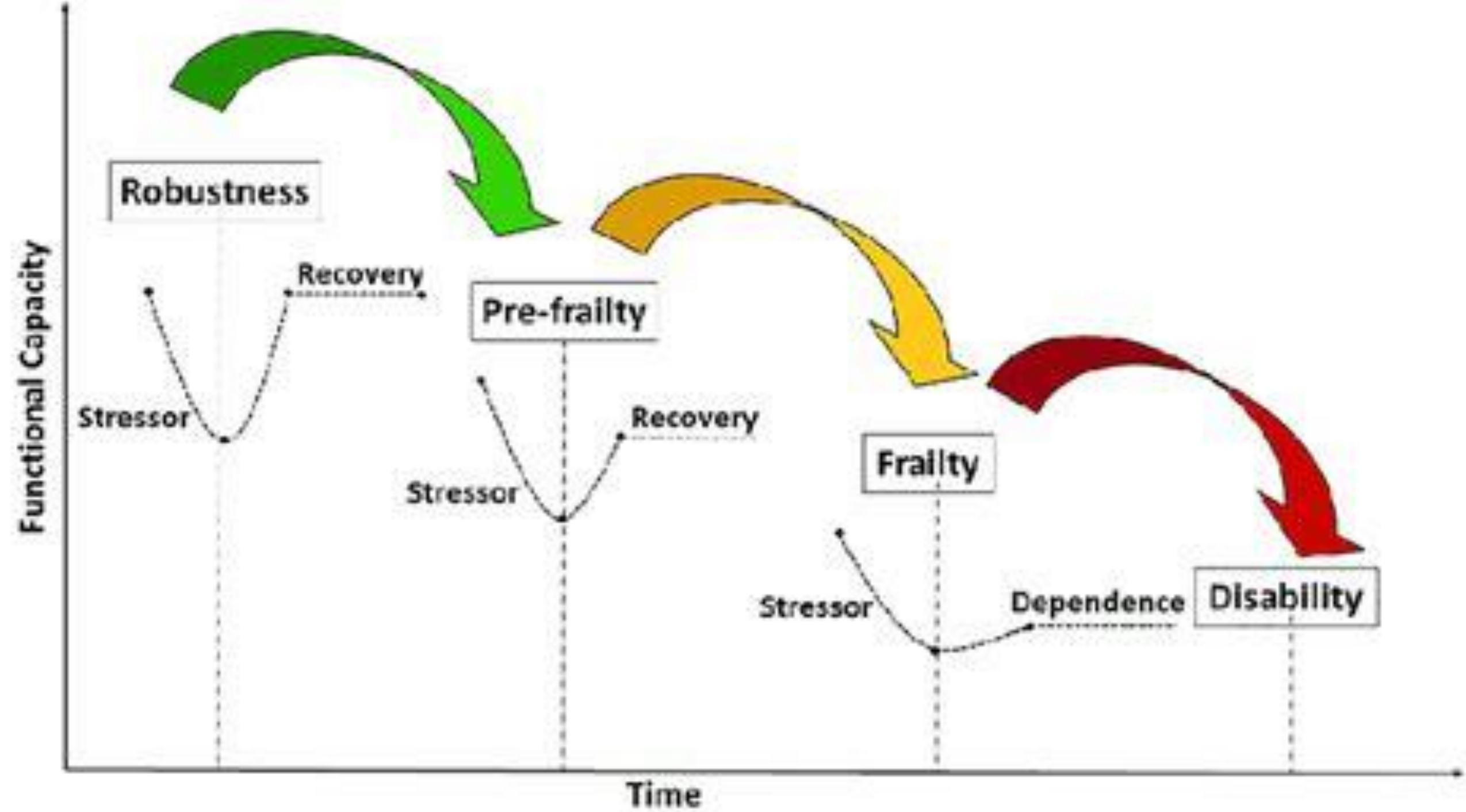
Cite Pickart L, Vasquez-Soltero JM, Margolina A.  
Biomed Res Int. 2015;2015:648108. doi: 10.1155/2015/648108. Epub 2015 Jul 7.  
Share PMID: 26236730 [Free PMC article.](#) [Review.](#)  
**GHK (glycyl-L-histidyl-L-lysine)** is present in human plasma, saliva, and urine but declines with age. ...It is capable of up- and downregulating at least 4,000 human genes, essentially resetting DNA to a ...



The use of copper peptides can be likened to turning a key and unlocking a realm of possibilities where aging is no longer considered an inevitable decline, but a continuation of life with sustained health and vitality. It suggests a future where “aging gracefully” isn’t just about managing our normal decline — but about thriving well into our golden years and enjoying our maintained state of health and life experience.

**Jon M Harmon, DC, BCN**

“How To Reverse Aging” p. 275

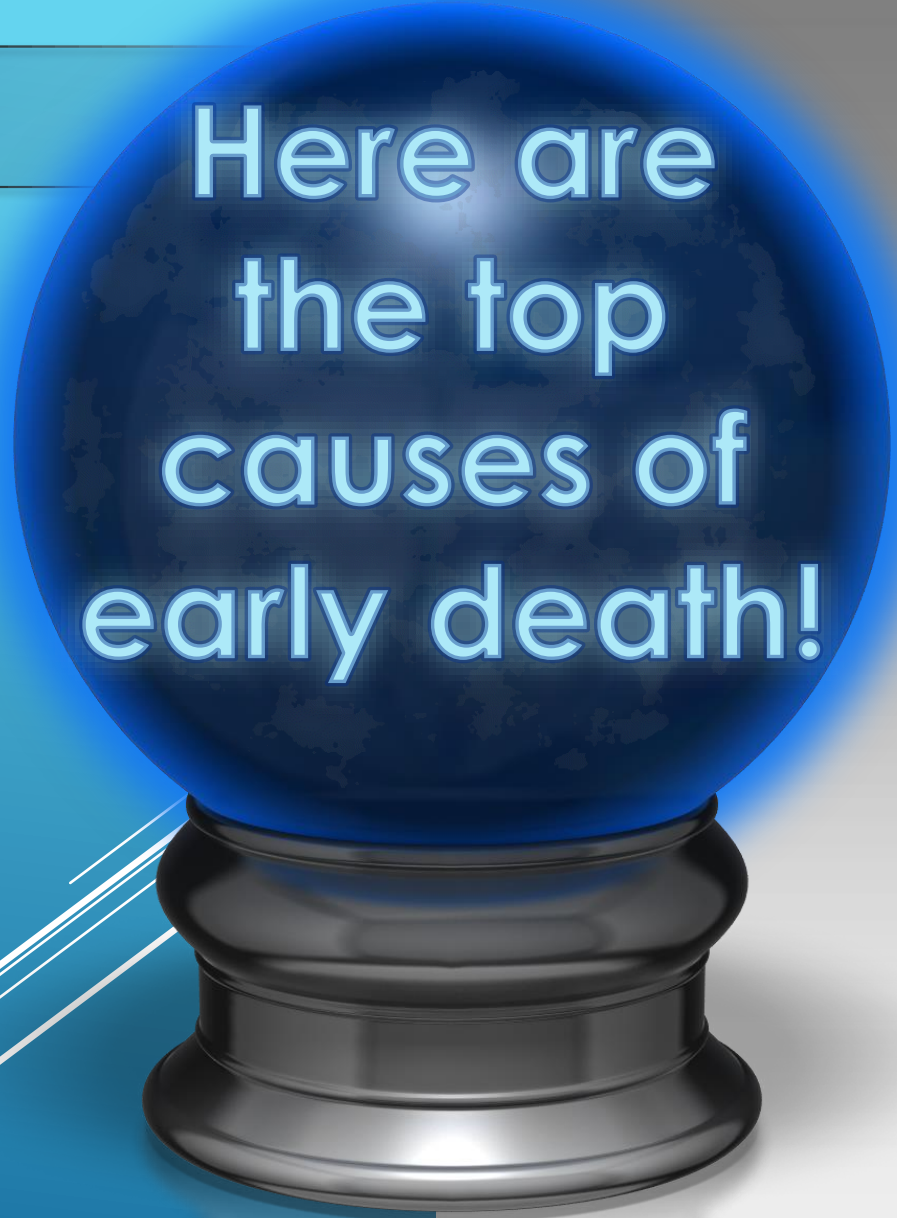






# Why Do We Age Faster?

What are the actual mechanisms that cause some people to age faster, look much older than their age and die prematurely?



Here are  
the top  
causes of  
early death!

A blue crystal ball on a black stand. The text "Telomere Shortening" is written inside the crystal ball in a blue, glowing font. The background is a gradient of blue with white streaks on the right side.

# Telomere Shortening

**What are the telomeres?**



# WHAT ARE TELOMERES?

HEALTHY



TELOMERE

TELOMERE

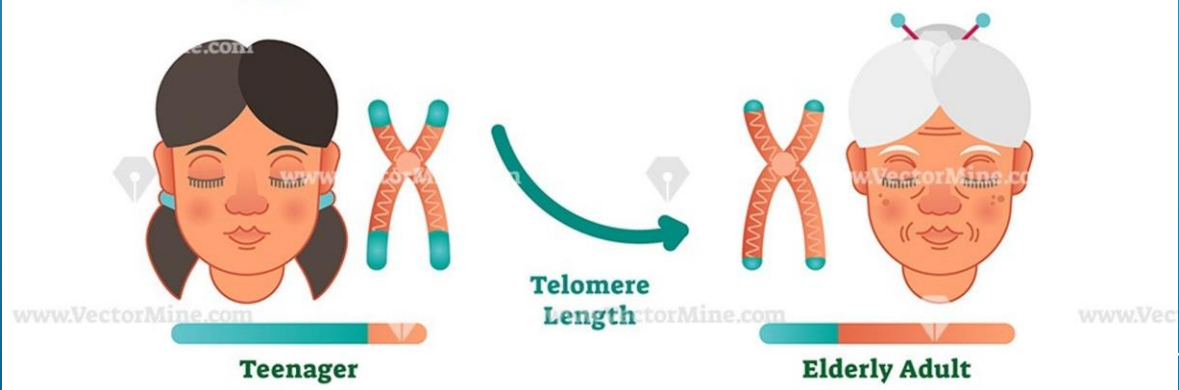
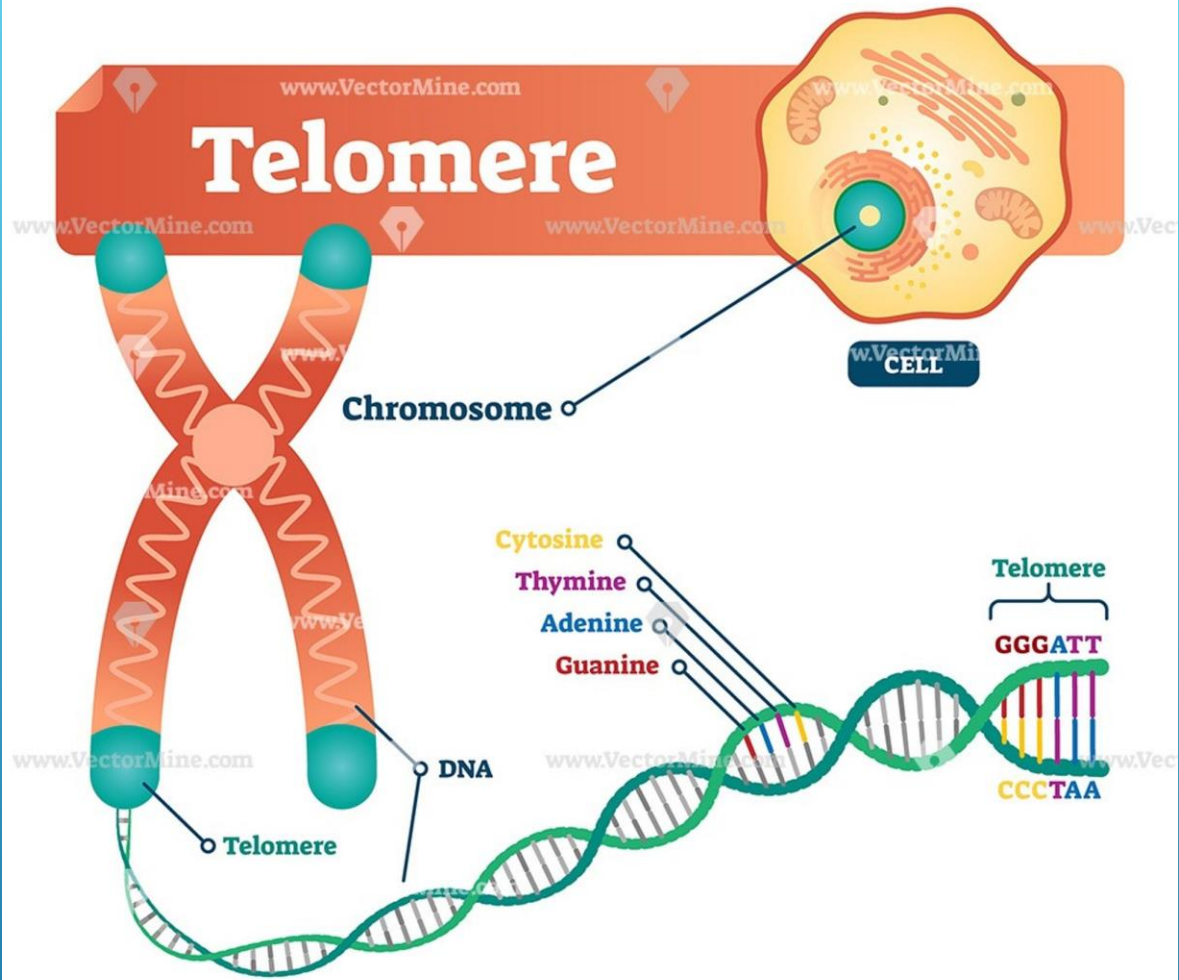
AGING

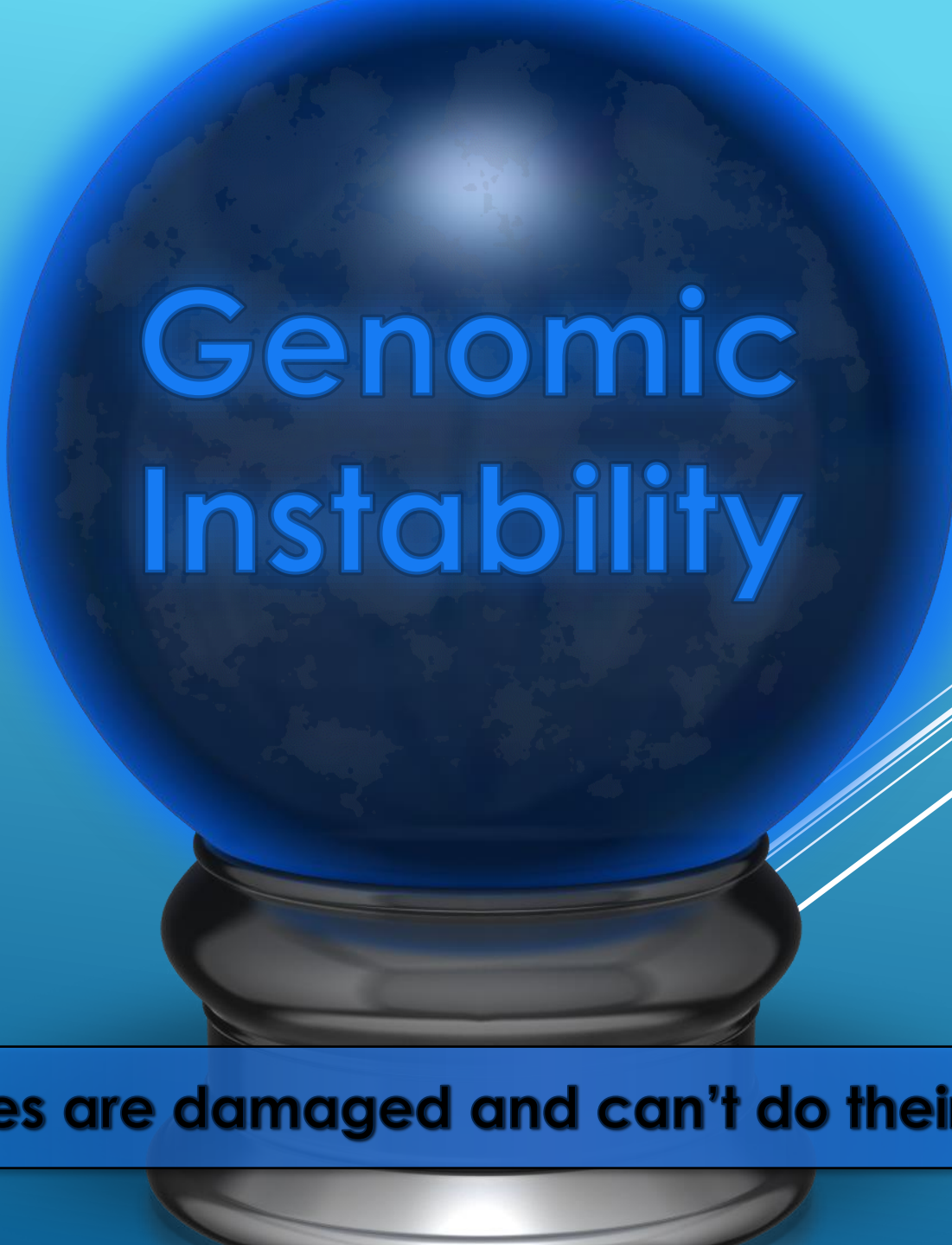


TELOMERE

TELOMERE

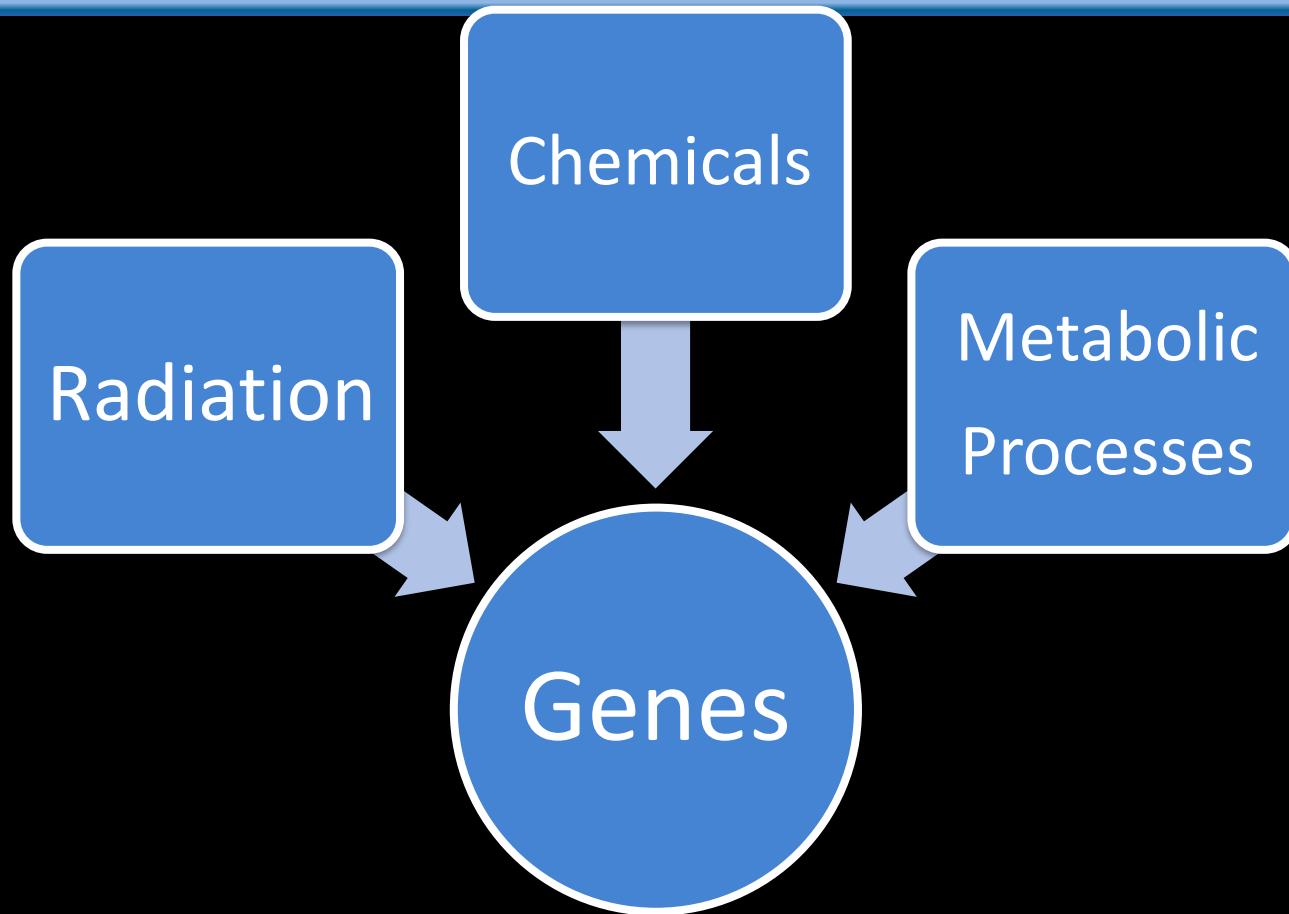
# Telomere



A blue crystal ball on a black stand. The text "Genomic Instability" is written inside the crystal ball in a blue, glowing font. The background is a light blue gradient with several white diagonal streaks on the right side.

# Genomic Instability


**Genes are damaged and can't do their job!**



Harmful things in the world or in your body can all damage the genes and then the cell eventually dies!



What does the research  
say about GHK and  
how it affects  
Telomeres and our  
genes?

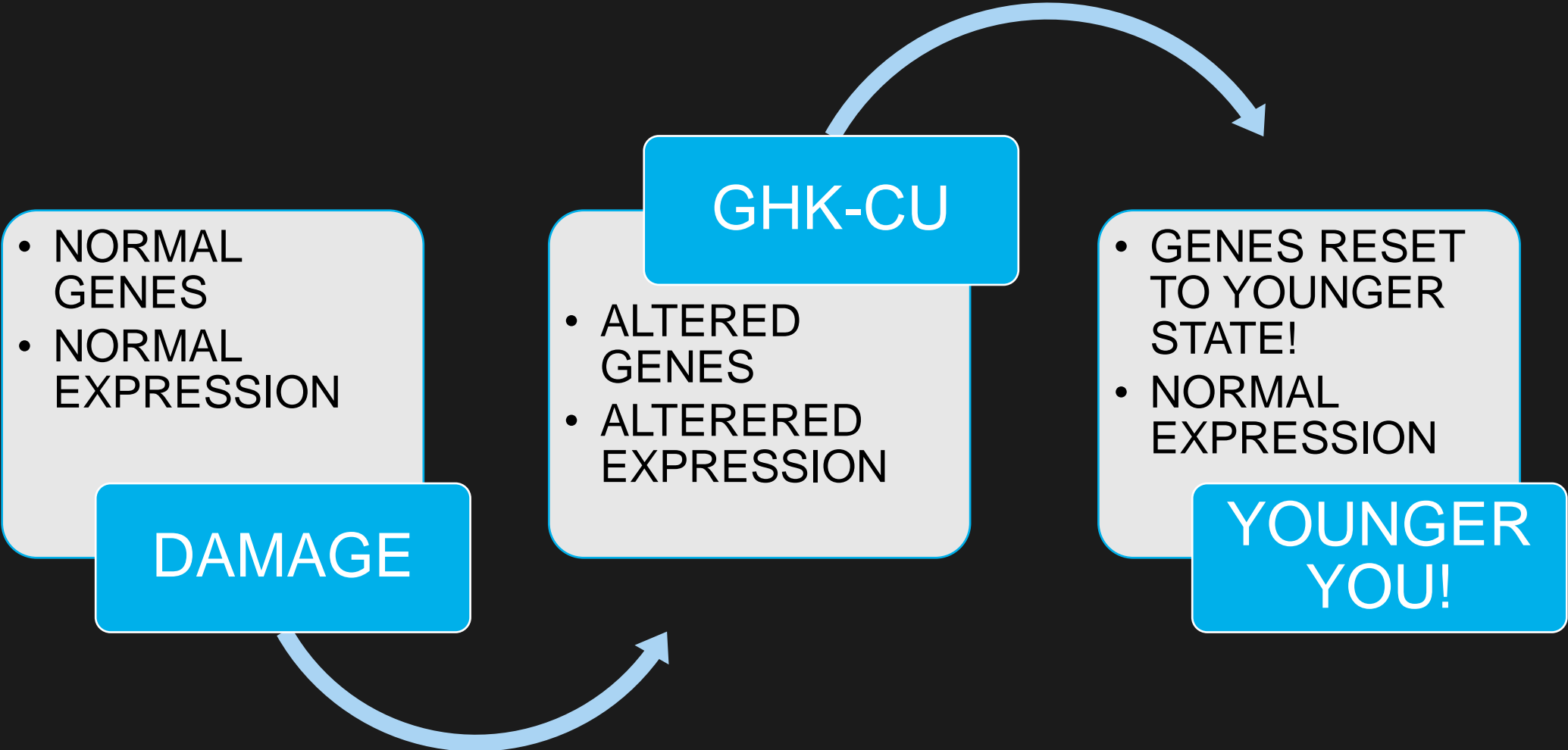
Decorative white lines consisting of several parallel diagonal strokes in the bottom right corner of the slide.




## The GHK-Copper Peptide

- Resets 4200 of our genes to a younger state!  
(This has to do with repairing the damage)
- Protects genes against damage (sun damage, radiation and chemicals)!
- Helps to lengthen the Telomeres!

# AFFECTS ON GENES



A glowing blue crystal ball sits on a dark, tiered stand. The words "Mitochondrial Dysfunction" are written in a glowing blue font across the center of the crystal ball. The background is a gradient of blue with several white diagonal streaks on the right side.

# Mitochondrial Dysfunction

**These are the powerhouses of the cells!**

## Mitochondrial Dysfunction

Low energy production

Cells don't have the energy to work

Cells can't be "perfect"

Toxins build up

The cell cannot detox

Cell damage occurs

Cells cannot repair

"Zombie cells"

Toxins stored in tissues


Fat tissues

Liver, kidneys, brain

More damage occurs

Leads to apoptosis

What does the  
research say about  
GHK and  
mitochondrial  
function?

A decorative graphic consisting of several parallel white lines of varying lengths, slanted downwards from left to right, located in the bottom right corner of the slide.



## The GHK-Copper Peptide

- A key component of energy production in the mitochondria!
- Enhances an enzyme called Cytochrome C
- Enhances oxygenation during exercise!

A blue crystal ball sits on a black, tiered stand. The words "Cognitive Decline" are written in a glowing blue font inside the crystal ball. The background is a light blue gradient with several white, diagonal streaks on the right side.

# Cognitive Decline

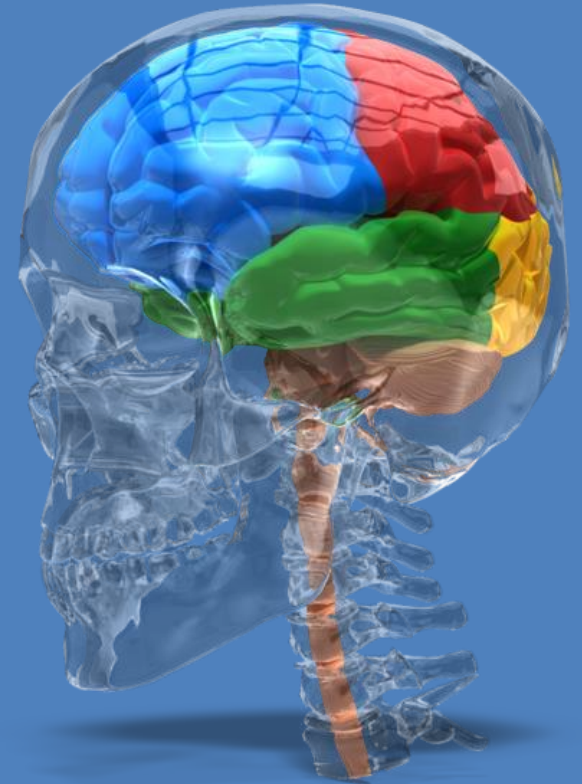
**The slow disappearance of oneself**





# BRAIN FACTS

- Research shows we lose at least 9000 neurons per day! This decline begins at around the age of 30!
- We form new neurons at about 2,000 per day depending on our activation and metabolic rate.
- What are you doing to decrease the loss? What are you doing to increase the growth of new neurons?





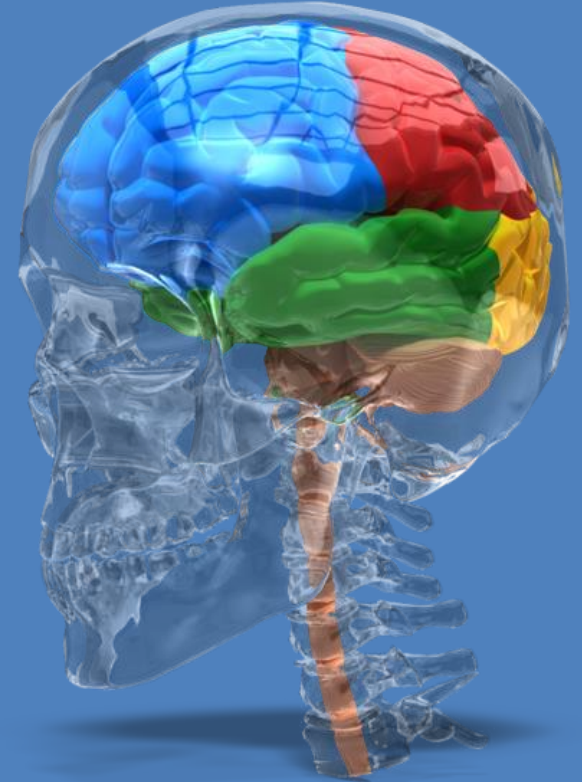
# **GHK – Copper Peptide**

## **Brain Mapping Study**



# EEG Coherence

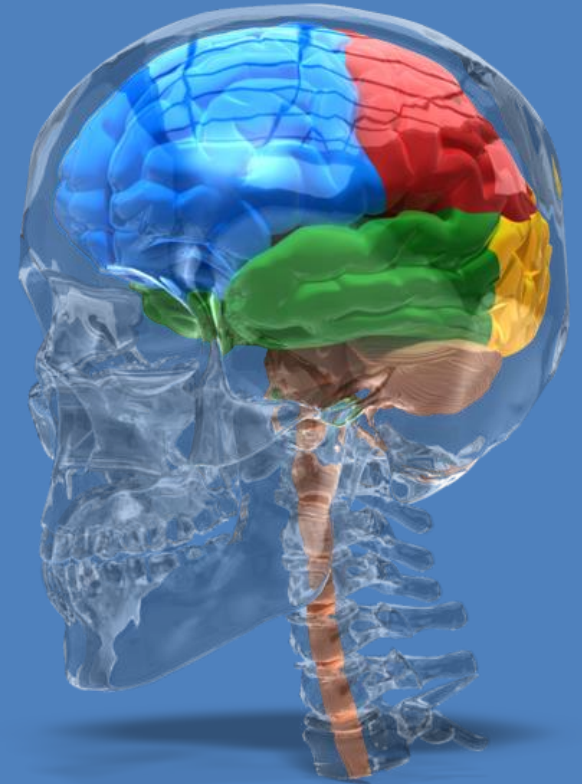
**It is a measure of the synchronization of the signals between two sites and may be interpreted as an expression of their functional interaction**

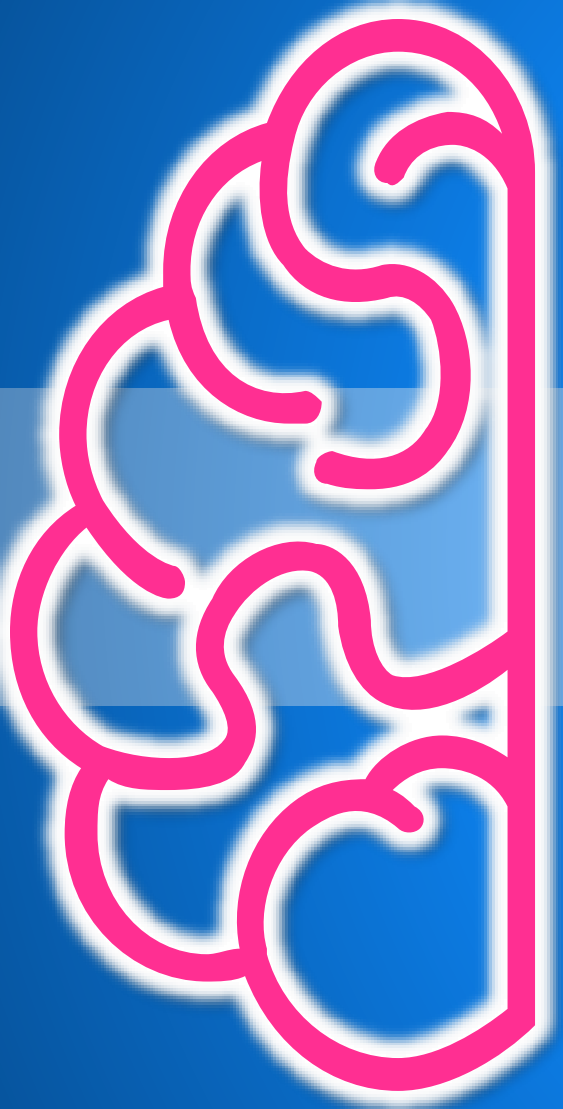




# EEG Coherence

**Coherence quantifies the degree of interaction, or communication, and shared information, between brain sites.**

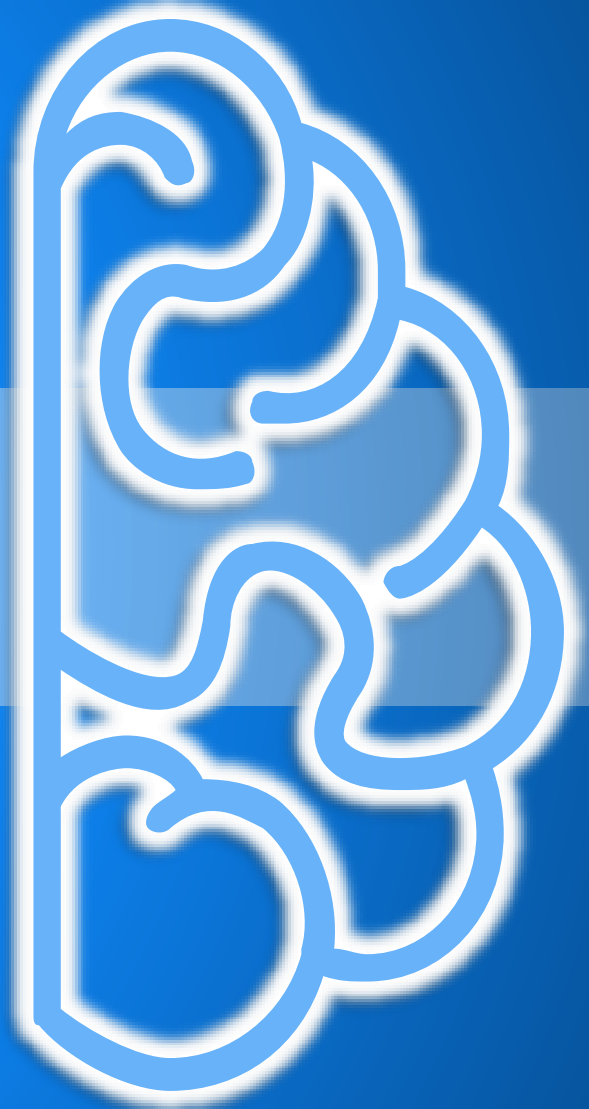




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# COHERENCE

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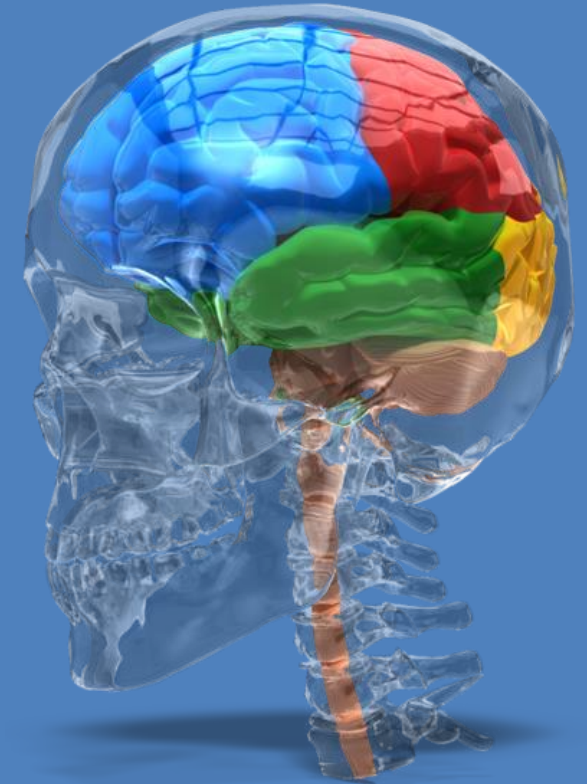


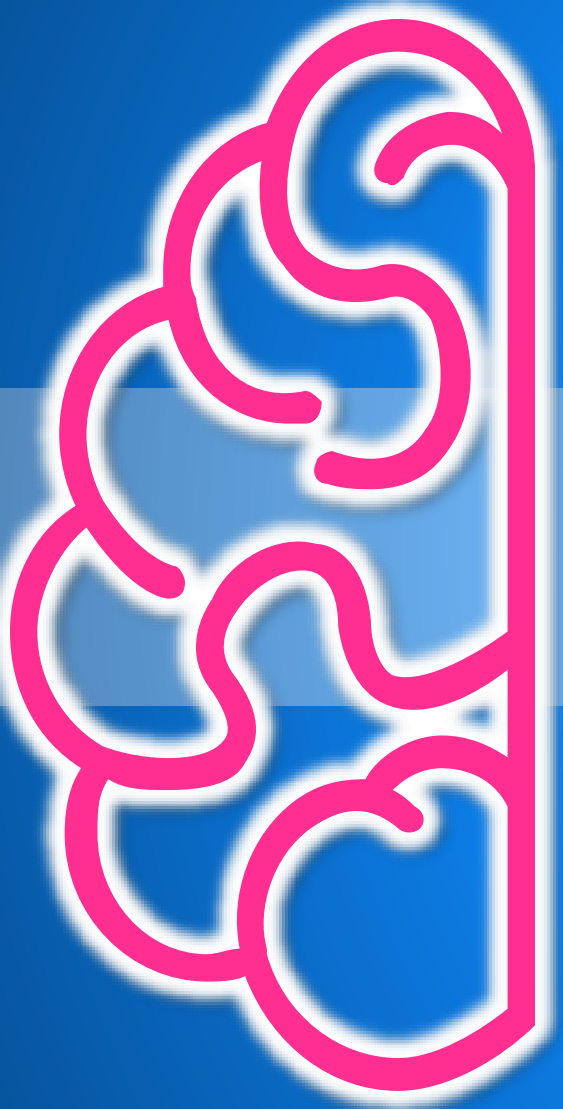
**~NORMAL~  
JUST RIGHT!**



# Hypercoherence

**When brain sites are not functioning in an efficient, interpendent fashion, they have too much cross talk, they are overly connected or locked together.**



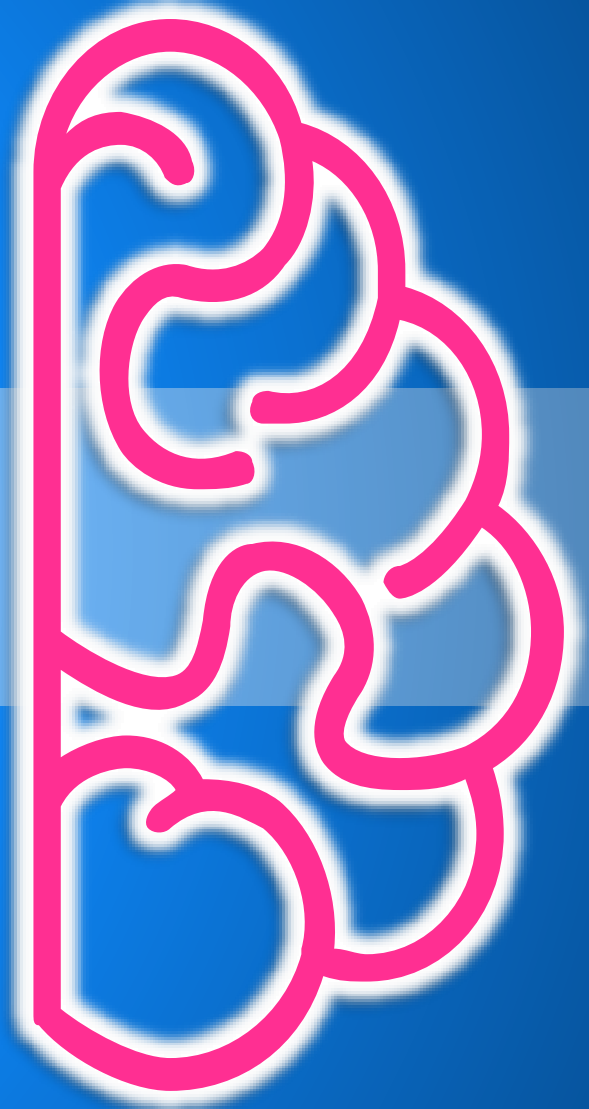


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# HYPERCOHERENCE

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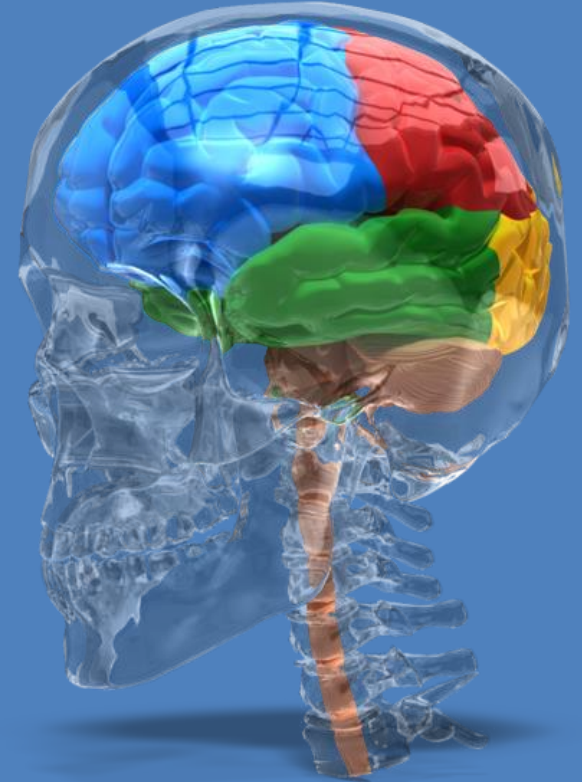
**TOO MUCH!!**





# Hypocoherence

**Hypocoherence is called poor inter-site interaction and is an indication of diminished cognitive efficiency.**







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**HYPOCOHERENCE**

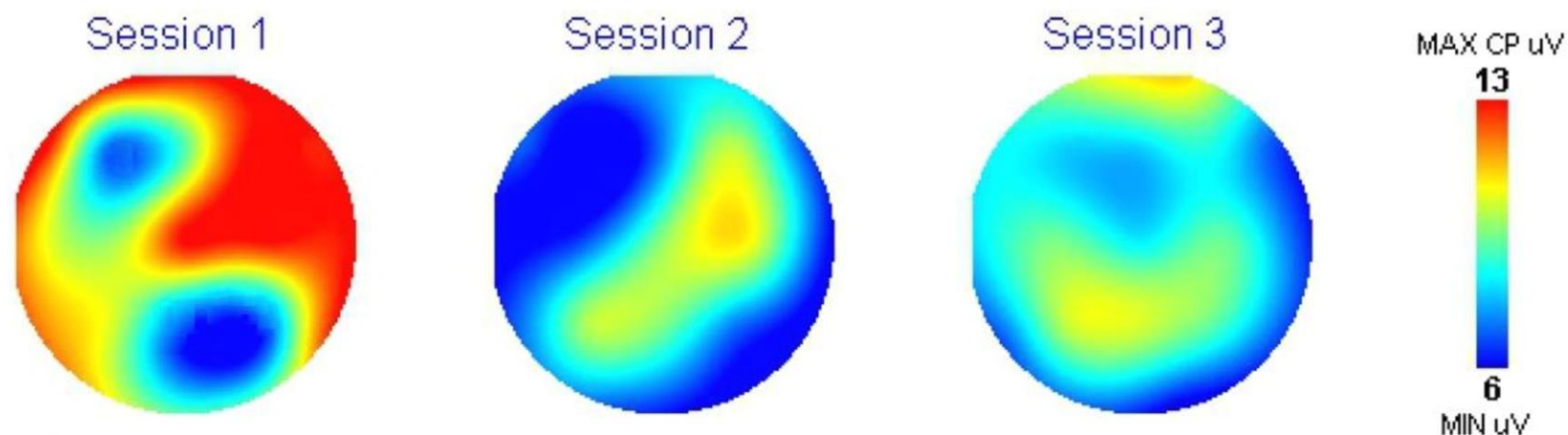
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**NOT ENOUGH!!**

Female, 77, Yoga instructor. During the entire experiment she placed the X39™ patch at the back of middle neck. At her first visit she indicated that her sense of well-being was very high (100%) on the AIO-VAS (0 = worst you have ever been; 100% = best you have ever been) and her mood was +10 according to the BMIS (the BMIS scale goes from -10 = very unpleasant to +10 = very pleasant). The AIO-VAS and the BMIS scores were the same also at her second visit and her third and final visit. At her third visit she indicated that her discipline in doing her morning exercises and meditation greatly improved. She also indicated that she had vivid dreams during the experiment. In the Overall Wellness Assessment Form (always filled at the end of their participation) she indicated that she felt slightly better than usual at her first visit, and a lot better than usual at her second and third visits.

### Scalp Topography Map

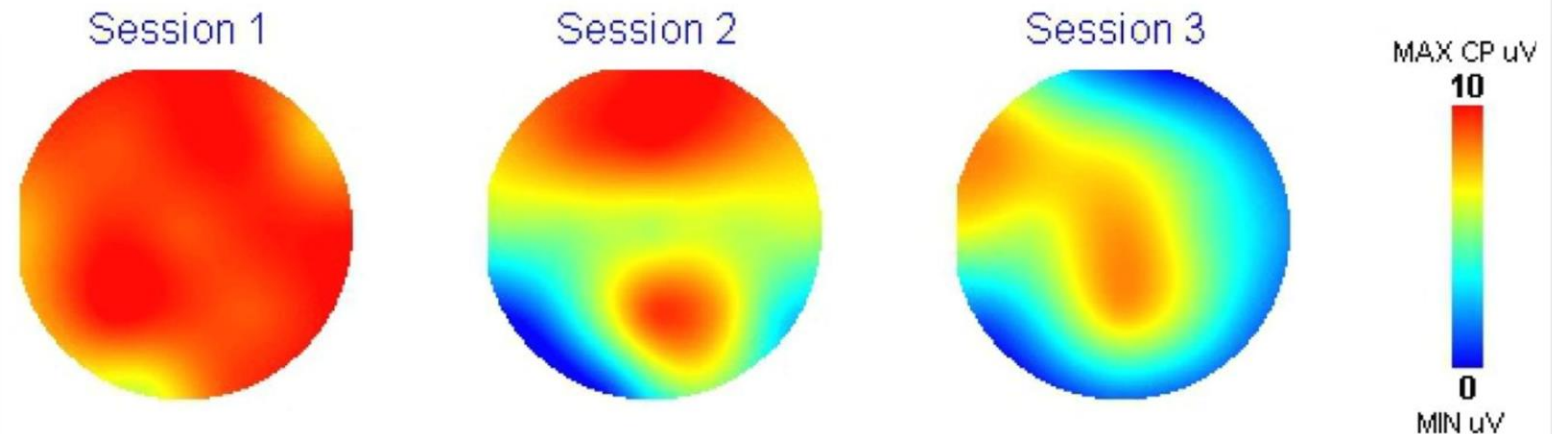


These scalp topographical maps were computed from the 19 EEG channels recorded by the brain mapping system (frontal part of the brain at the top and back of the head at the bottom of each circle). These maps show the amplitude of the P300 recording for each channel (in microvolts or  $\mu\text{V}$ ) using a color-coding scale presented on the right side referenced to Session 3 (red is for the maximum amplitude of 13  $\mu\text{V}$  and dark blue for the minimum amplitude of 6  $\mu\text{V}$ ). It can be noted that when she came in, her brain was hyperactive. Her brain calmed down dramatically at the second visit (Session 2), after wearing the X39™ patch for 3 weeks. Her brain remained calm after wearing the patch for 6 weeks (Session 3).

## Participant 2

Female, 67, manual therapist, specializing in craniosacral and massage. She indicated that she has pain in bones, joint, or muscles that is aggravated by exercise. During her participation in the study she placed the patch 3 inches below the navel. At her first visit her sense of well-being on the AIO-VAS was at 71% VAS (0 = worst you have ever been; 100% = best you have ever been) and her mood at +9 on the BMIS (the BMIS scale goes from -10 = very unpleasant to +10 = very pleasant). At her second visit she indicated that her well-being score on the AIO-VAS was 57% and her mood was +5 on the BMIS scale. At her third and final visit she indicated that her well-being score was 63% and her BMIS mood score was +8. In the Overall Wellness Assessment Form, she indicated that she felt slightly better than usual at all 3 visits.

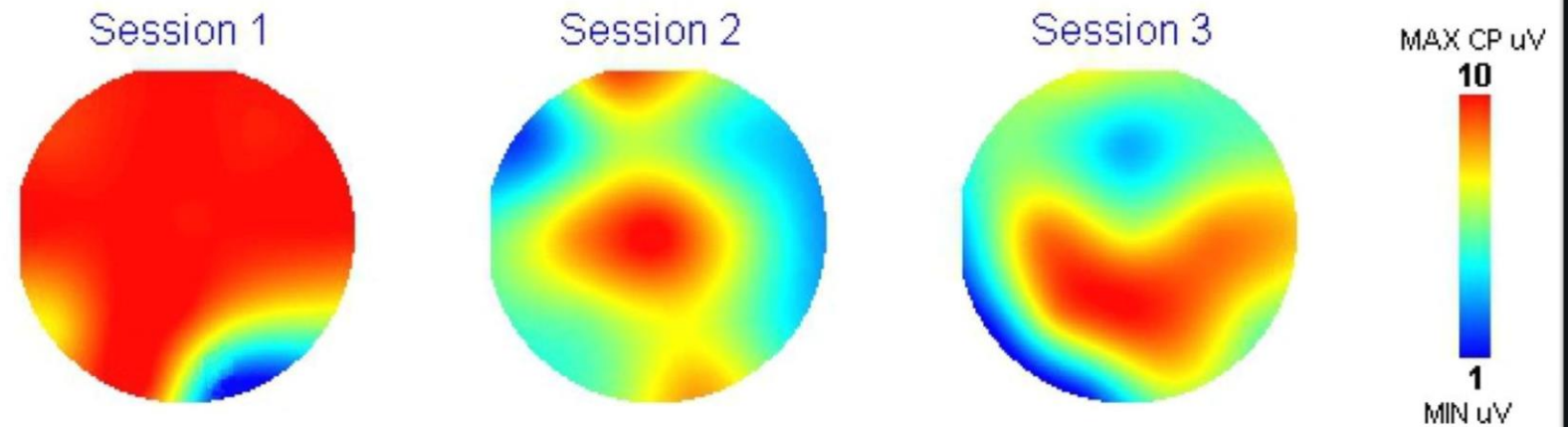
### Scalp Topography Map



These scalp topographical maps were computed from the 19 EEG channels recorded by the brain mapping system. These maps show the amplitude of the P300 recording for each channel (in microvolts or  $\mu\text{V}$ ) using a color-coding scale presented on the right side referenced to Session 3 (red is for the maximum amplitude of 10  $\mu\text{V}$  and dark blue for the minimum amplitude of 0  $\mu\text{V}$ ). It can be noted that when she came in, her brain was hyperactive. Her brain calmed down dramatically at the second visit (Session 2), after wearing the X39™ patch for 3 weeks and became even calmer after wearing the X39™ patch for 6 weeks (Session 3).

in the middle of the neck. At her first visit she indicated that her sense of well-being was 77% on the AIO-VAS (0 = worst you have ever been; 100% = best you have ever been) and her mood was +8 according to the BMIS (the BMIS scale goes from -10 = very unpleasant to +10 = very pleasant). At her second visit, her AIO-VAS score changed a bit to 57% and the BMIS score became +9. At her third visit her AIO-VAS score increased to 63% and her BMIS score stayed at +9. She indicated that overall she was able to work out harder, with more stamina, without muscle cramps, feeling better about workouts with less pain. She also indicated that she is more even keeled, mentally alert, sharp and that her skin is a little dryer. The Overall Wellness Assessment form indicated that she felt slightly better than usual at the beginning of her participation and after 3 weeks into her participation but that she felt a lot better at the end of her participation.

### Scalp Topography Map



These scalp topographical maps were computed from the 19 EEG channels recorded by the brain mapping system. These maps show the amplitude of the P300 recording for each channel (in microvolts or  $\mu\text{V}$ ) using a color-coding scale presented on the right side referenced to Session 3 (red is for the maximum amplitude of 10  $\mu\text{V}$  and dark blue for the minimum amplitude of 1  $\mu\text{V}$ ). It can be noted that when she came in, her brain was hyperactive. Her brain calmed down dramatically at the second visit (Session 2), after wearing the X39™ patch for 3 weeks and her brain remained calm after wearing the X39™ patch for 6 weeks (Session 3).

What does the  
research say about  
the role of GHK  
regarding the brain?



## The GHK-Copper Peptide

- Transports copper across the blood/brain barrier
- Is necessary to make neurons, synapses and neurotransmitters!
- Increases production of BDNF (Brain Derived Neurotrophic Factor)



## The GHK-Copper Peptide

- Reduces brain edema if there is an injury!
- GHK has neuroprotective properties and helps prevent COGNITIVE DECLINE!
- Has mood stabilizing properties in the brain!
- Anti-ANXIETY!



## The GHK-Copper Peptide

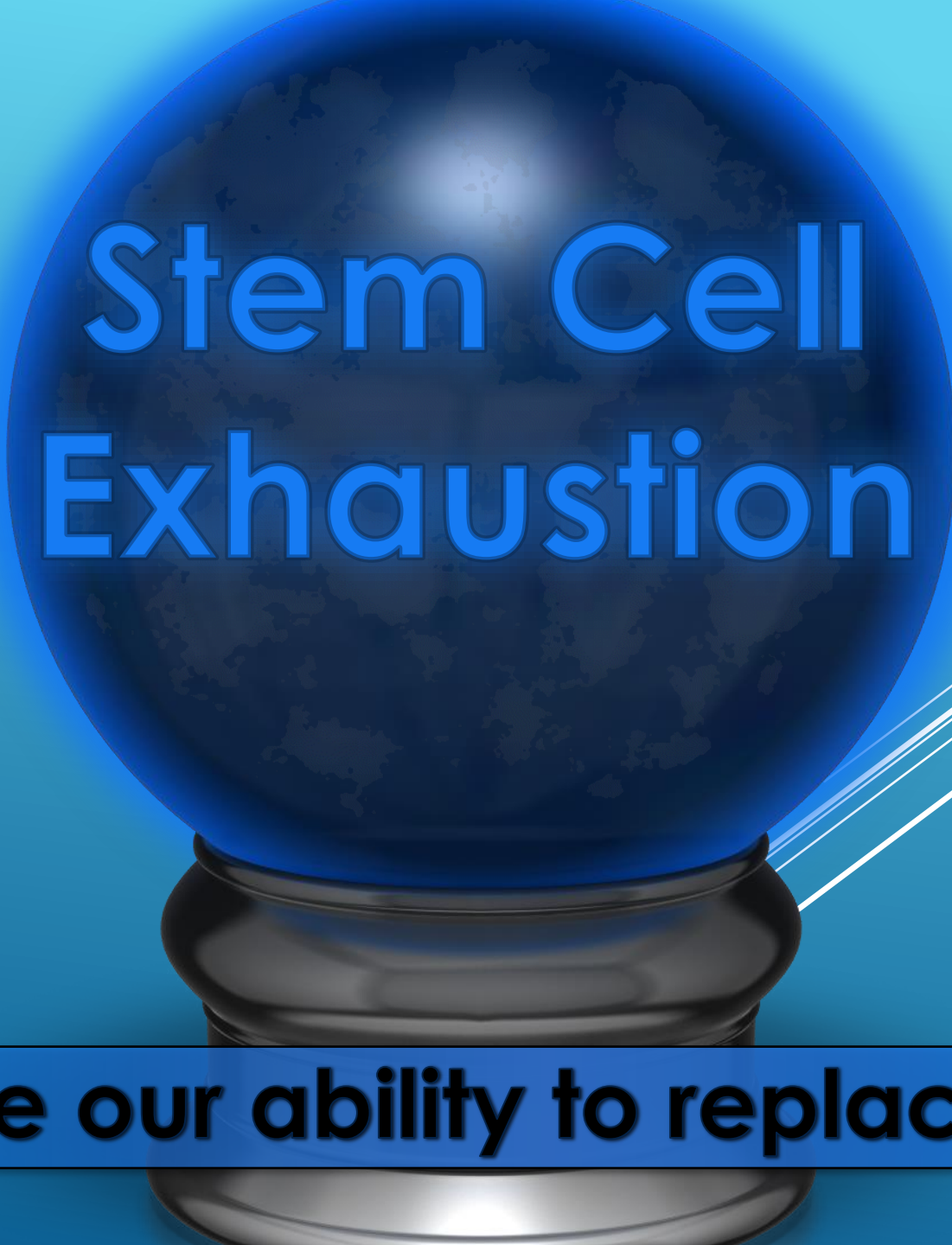
- Beneficially altered the expression of human genes involved in NEURON FUNCTION BY 50%
- Alleviated neuronal apoptosis in INTRACEREBRAL HEMORRAGE
- Has mood stabilizing properties in the brain!





This is why we  
help people  
increase their  
**GHK COPPER  
PEPTIDE** at

**CLEAR MIND IDAHO!**

A blue crystal ball on a black stand. The text "Stem Cell Exhaustion" is written inside the crystal ball in a blue, outlined font. The background is a light blue gradient with several white diagonal streaks on the right side.

# Stem Cell Exhaustion


**We lose our ability to replace cells**



# Stem Cell Exhaustion and Depletion

- Reduced Stem Cell Production.
- Decreased Regenerative Capacity (whole body).
- Accumulation of senescent stem cells that can contribute to dysfunction and aging
- Impaired homing and migration.


What does the  
research say about  
the role of GHK  
regarding stem  
cells?

Decorative white lines consisting of several parallel diagonal strokes in the bottom right corner of the slide.



## GHK- Cu and Stem Cell Activation!

- Activates the production of pluripotent stem cells.
- Directs stem cells towards damaged tissues.
- Activates genes associated with stem cell production.
- GHK “kick-starts” regenerative potential of stem cells.

A glowing blue crystal ball sits on a black, tiered stand. The crystal ball has a bright white highlight at the top and contains the text '~Cardiovascular Disease' and '~Stroke' in a glowing blue font. The background is a gradient of blue with several white diagonal streaks on the right side.

~Cardiovascular  
Disease  
~Stroke

# Cardiovascular Disease- Stroke/MI

- Number ONE cause of death GLOBALLY!
- High fibrinogen level is the number one predictor of probability of having a stroke and you are 2.4 times more likely to have a stroke if this is elevated.
- Decreased oxygen to the heart muscle causes myocardial infarction (MI).

What does the  
research say about  
the role of GHK and  
heart health?

Decorative white lines consisting of several parallel diagonal strokes in the bottom right corner of the slide.





## GHK and Heart Health

- Helps keep FIBRINOGEN synthesis levels normal (influences genes)
- Increases myostatin gene expression 9.4 fold. (Myostatin inhibits heart failure).
- Helps new blood vessels form to promote proper circulation.

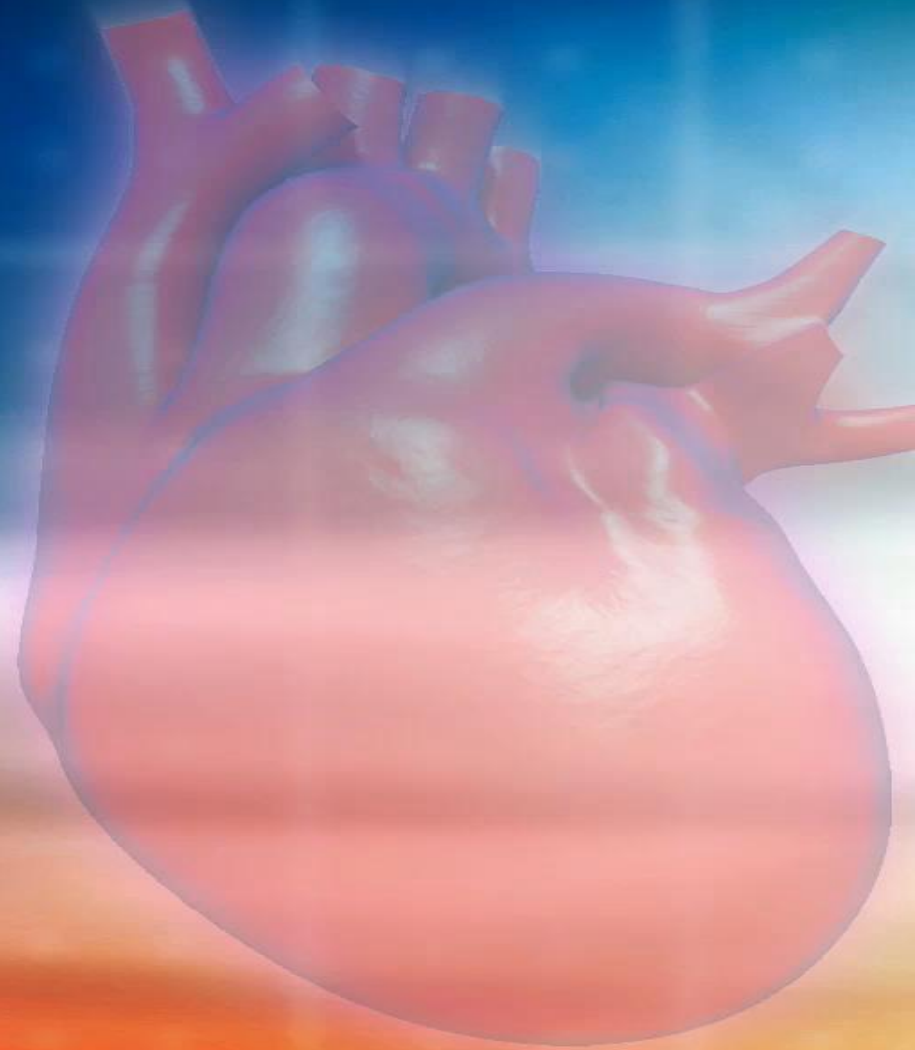


## GHK and Heart Health

- Helps prevent blood from clotting too much.
- Helps create collagen and elastin which restores integrity to blood vessel walls.
- Helps to prevent the oxidation of LDL- decreases the risk of atherosclerosis.

The logo for LIFEWAVE, featuring the word "LIFEWAVE" in a blue, sans-serif font with a registered trademark symbol. Two blue curved lines, one above and one below, frame the text.

LIFEWAVE®



# Six-week Organ Function Study

Cardiovascular Systems acted TWO MONTHS YOUNGER!




Cancer

A decorative header image featuring several bright blue spotlights shining down from the top, creating a dramatic stage effect. The light beams are concentrated in the center and spread out towards the sides, illuminating a dark surface below.

# CANCER

- Number two killer globally!
- The incidence is rapidly increasing!

What does the  
research say about  
the role of GHK and  
cancer?

Decorative white lines consisting of several parallel diagonal strokes in the bottom right corner of the slide.

No claims are made  
regarding Cancer.  
However, this is what  
the research shows.



## GHK and Cancer

- It resets the PROGRAMMED CELL DEATH CYCLE in several different types of cancer cells.
- Inhibits 25 genes that are associated with a predisposition to get cancer.
- Helps repair DNA so that cancers don't form.

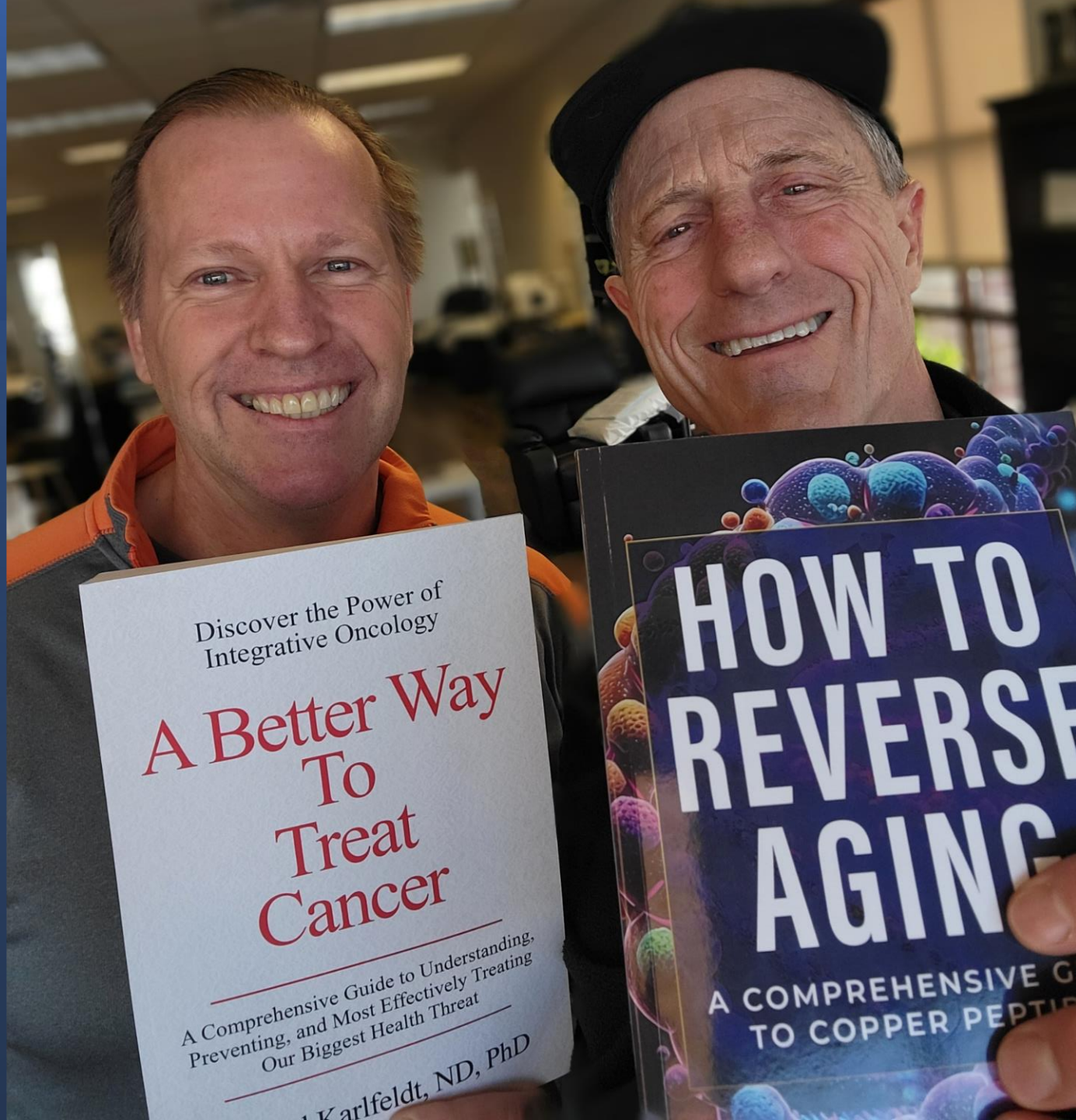




The top of the slide features a decorative background of several bright blue spotlights shining downwards from a dark ceiling, creating a stage-like atmosphere. Below this, a solid blue horizontal bar spans the width of the slide.

# How do we get GHK-Copper Peptide?

- Infusions
- Injections
- X39 Phototherapy Patch



Discover the Power of  
Integrative Oncology

# A Better Way To Treat Cancer

A Comprehensive Guide to Understanding,  
Preventing, and Most Effectively Treating  
Our Biggest Health Threat

Dr. Karlfeldt, ND, PhD

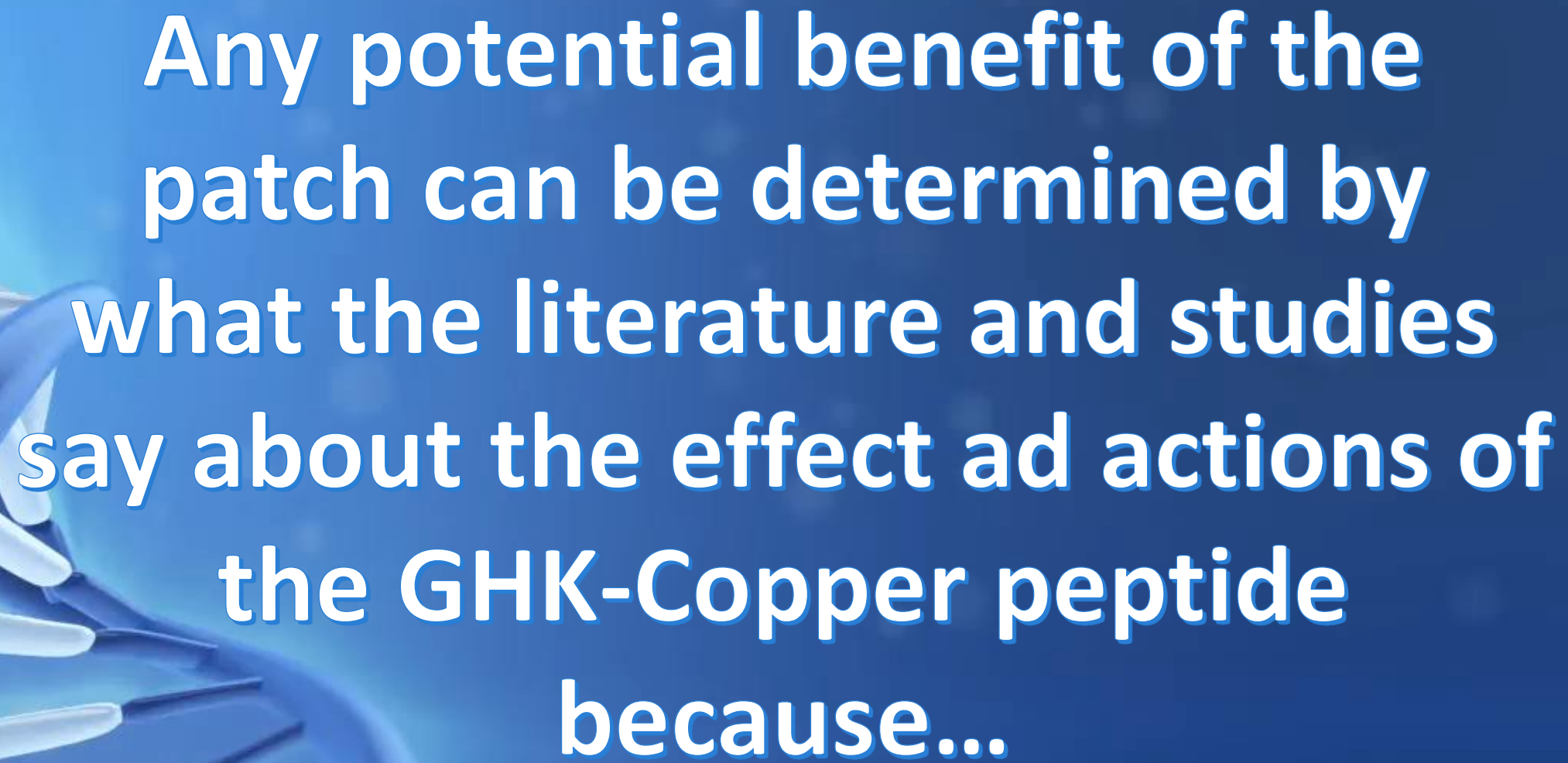
# HOW TO REVERSE AGING

A COMPREHENSIVE GUIDE  
TO COPPER PEPTIDES

# BREAKTHROUGH TECHNOLOGY!

# X39 PHOTOBIO-MODULATION PATCH!





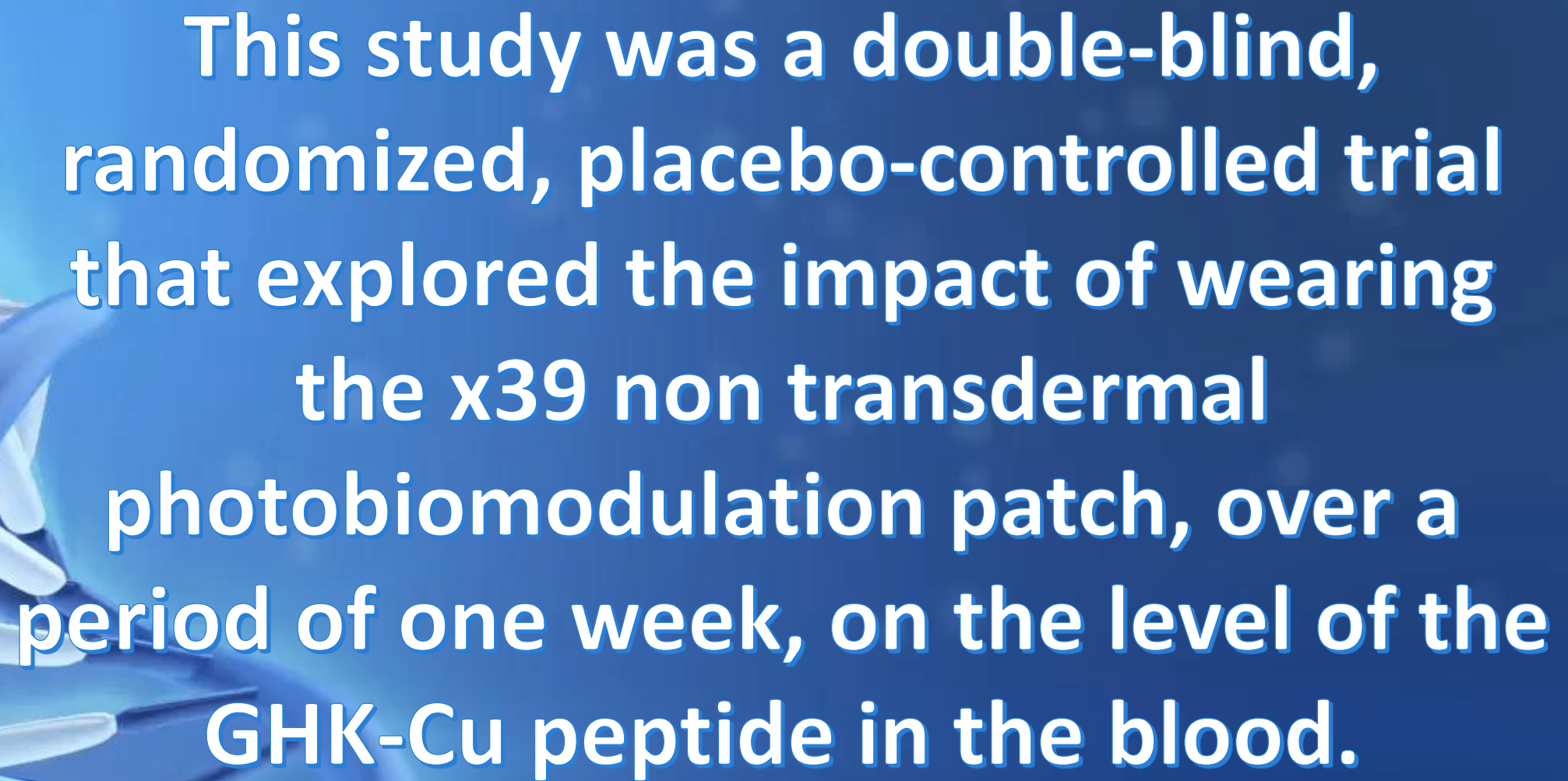
Any potential benefit of the patch can be determined by what the literature and studies say about the effect and actions of the GHK-Copper peptide because...

LIFEWAVE RESEARCH AND STUDIES

STUDY PUBLISHED March 7, 2021  
INTERNAL MEDICINE RESEARCH

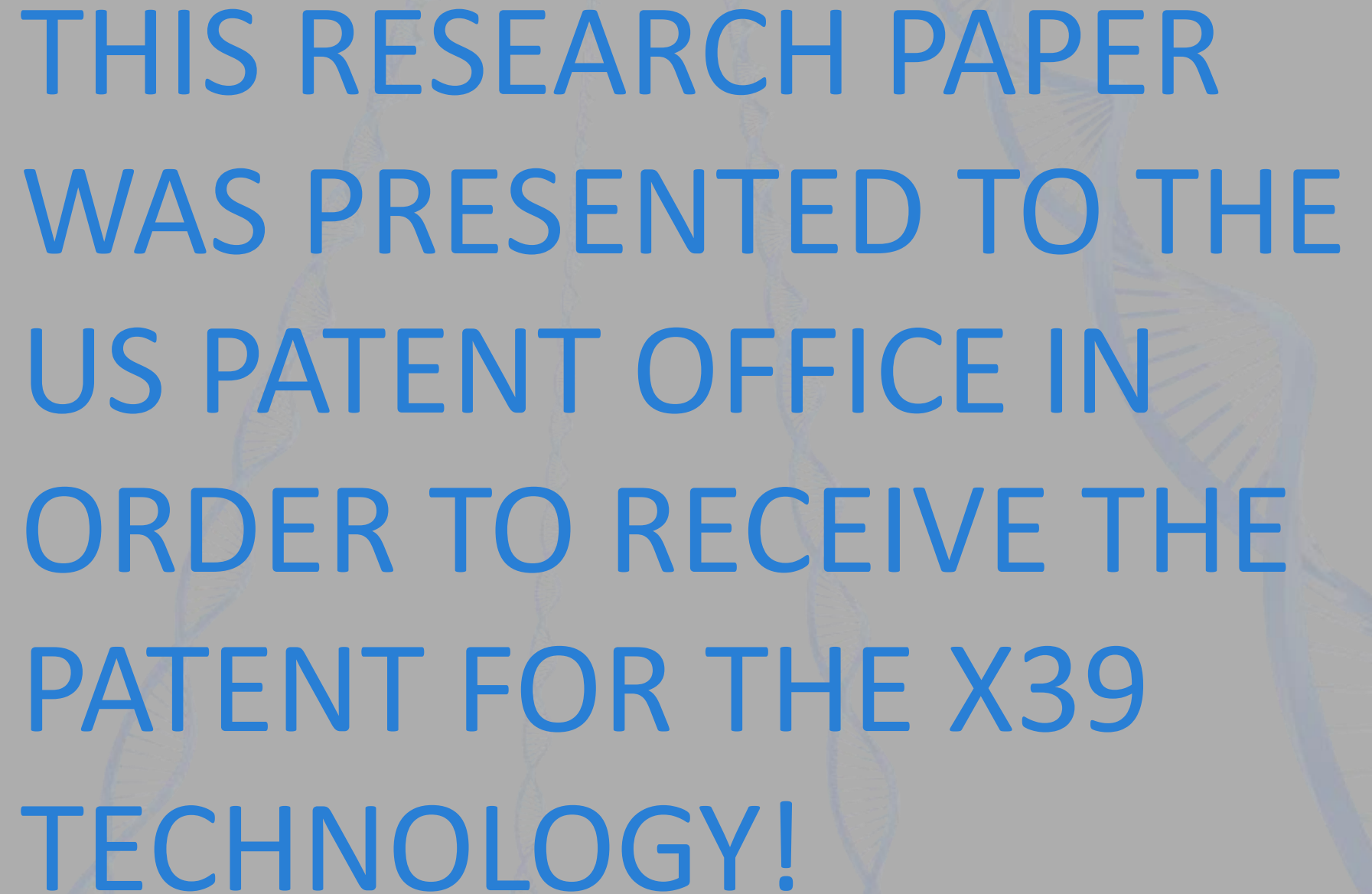


**VOLUME 6**  
**ISSUE 1**



This study was a double-blind, randomized, placebo-controlled trial that explored the impact of wearing the x39 non transdermal photobiomodulation patch, over a period of one week, on the level of the GHK-Cu peptide in the blood.

LIFEWAVE RESEARCH AND STUDIES



THIS RESEARCH PAPER  
WAS PRESENTED TO THE  
US PATENT OFFICE IN  
ORDER TO RECEIVE THE  
PATENT FOR THE X39  
TECHNOLOGY!



# The Process

(Prior to and while using the patch)

Sixty people were randomized into two groups

A significant increase in ghk was found compare to the control group

**The x39 was worn for 7 days**

One tube of blood was drawn

More blood was taken at 24 hours and 7 days

# HOW X39 WORKS

The Holy Grail of Anti-Aging **GHK - Cu (Copper Peptides)**

- **Made of Organic Nanocrystals**
- **Formulated To Activate your copper peptide**
- **Which Reactivates Your Own Stem Cells**



**What happens in  
your body when  
you place the  
X39 on your  
skin?**

LIFEWAVE®  
INDEPENDENT DISTRIBUTOR

LIFEWAVE  
X39™







# Humans "Glow"

(We Just Can't See It)

The human body emits visible light - known as human bioluminescence - but it's just too dim for our eyes to detect.

A team of Japanese scientists studied this in 2009 and found that participants 'glowed' throughout the day, with the brightest spots appearing around the forehead, neck, and cheeks in the late afternoon. The dimmest bioluminescence was recorded late at night.

Image for illustrative purposes only



LIFEWAVE® is unique  
because it is the only  
phototherapy product in the world that uses

*the human body*  
**POWER SOURCE.**

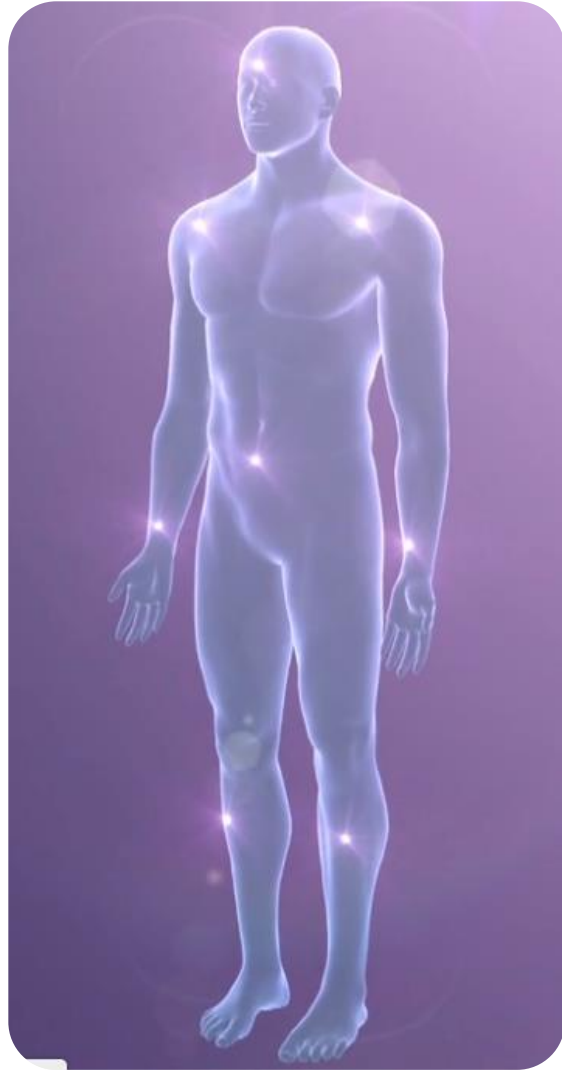
- David Schmidt



*Kathy*  
RODRIGUEZ  
Influencer / Online Marketing Coach



# First: How LifeWave Technology Works



**Placed on  
specific points  
on the body**



# ACTIVATE YOUR STEM CELLS



**RAPID PAIN  
RELIEF**



**REDUCED  
INFLAMMATION**



**SUPPORTS WOUND  
HEALING**



**ENERGY &  
VITALITY**



**MENTAL  
CLARITY**



**ENHANCES SPORTS  
PERFORMANCE**



**FASTER RECOVERY  
FROM EXERCISE**

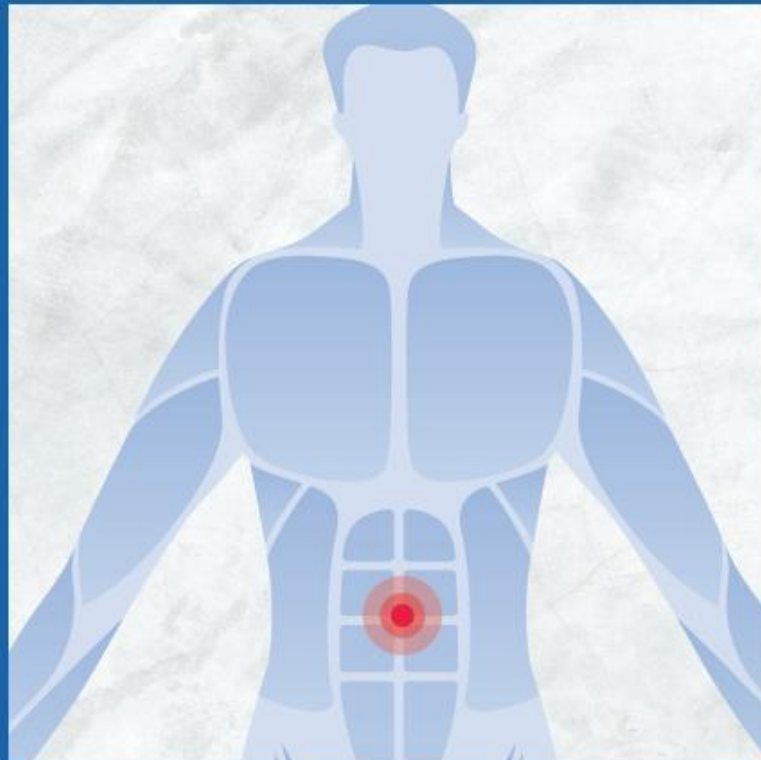
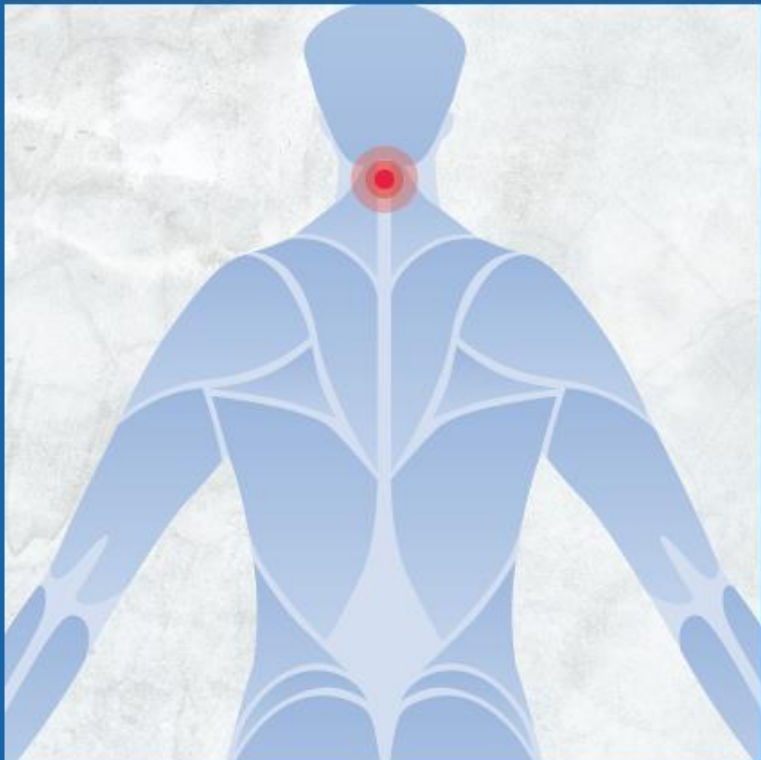


**IMPROVED SKIN  
APPEARANCE**



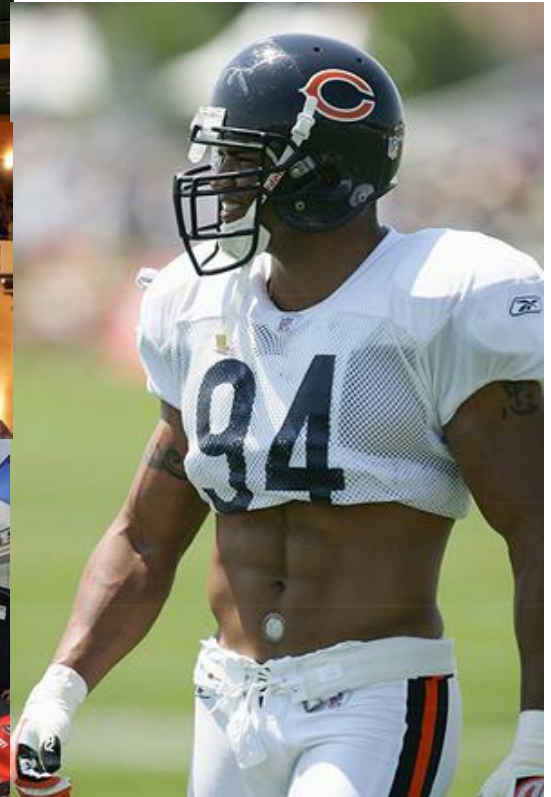
# HOW TO WEAR X39

Wear your patch **12 hours on and 12 hours off** to repair and rejuvenate.  
Then throw away the patch.  
Then put a new patch on and repeat.  
You can wear more than one patch at a time.  
Drink plenty of water.



## Pro and Amateur Athletes... All Sports... Use Our Technology

### All Types of Media Have Noticed!



# Our Community of Users



Energy Patches  
on our  
USA Olympic  
athletes in  
USA Today  
8-18-04

**'Michael Phelps'**  
Eight gold Medals  
Athens Olympics



**'David Beckham'**

Picture front page Sunday Telegraph  
November 2005



NAMI, OMI (Sagami) Kayoko Fukushi sets a national record in winning the women's race at the Marugame half-marathon on Sunday, breaking the mark held by Athens Olympic marathon gold medalist, Shoko Noguchi.

Kayoko Fukushi crosses the finish line in 1 hour, 7 minutes and 26 seconds, setting a national record in winning the Marugame half-marathon in Kagawa Prefecture.

Fukushi crossed the finish line at Marugame municipal stadium in Kagawa Prefecture in 1 hour, 7 minutes and 26 seconds. Noguchi came second in 1:07:43 in her first competitive race since winning the Berlin Marathon in a national record last September.

Fukushi, who represented Japan in long-distance races at last year's world championships, shaved 37 seconds off the previous record set by Noguchi in October 2001.

The Japan Times, Feb. 6, 2006

**Athletes from every sport imaginable have tried the LIFEWAVE Patches to gain an edge on their competition. 300+ Olympic athletes wore LIFEWAVE patches in Beijing in 2008.**

# Wound Support

Support of wound repair in 2 months











<https://startx39now.com/>

# X39 LONG-TERM RESULTS

PER 80 CASE STUDIES ON [STARTX39NOW.COM](http://STARTX39NOW.COM)



## First Few Days

4,000 Genes Begin to Reset



## Within 6 Weeks

Brain Becomes **More balanced**

Decreases symptoms of PTSD, anxiety, and depression.



## Within 3 Months

Your Collagen Is Increased

Decreases wrinkles

Hair growth Increases

Increases structural integrity of both your skeletal and muscular systems.



## Within 6 Months

Heart Reverses In Age

"In recent study, 14 out of 15 people lowered their vascular age by an average **2 months after just 6 weeks of wearing the x39 patch!**

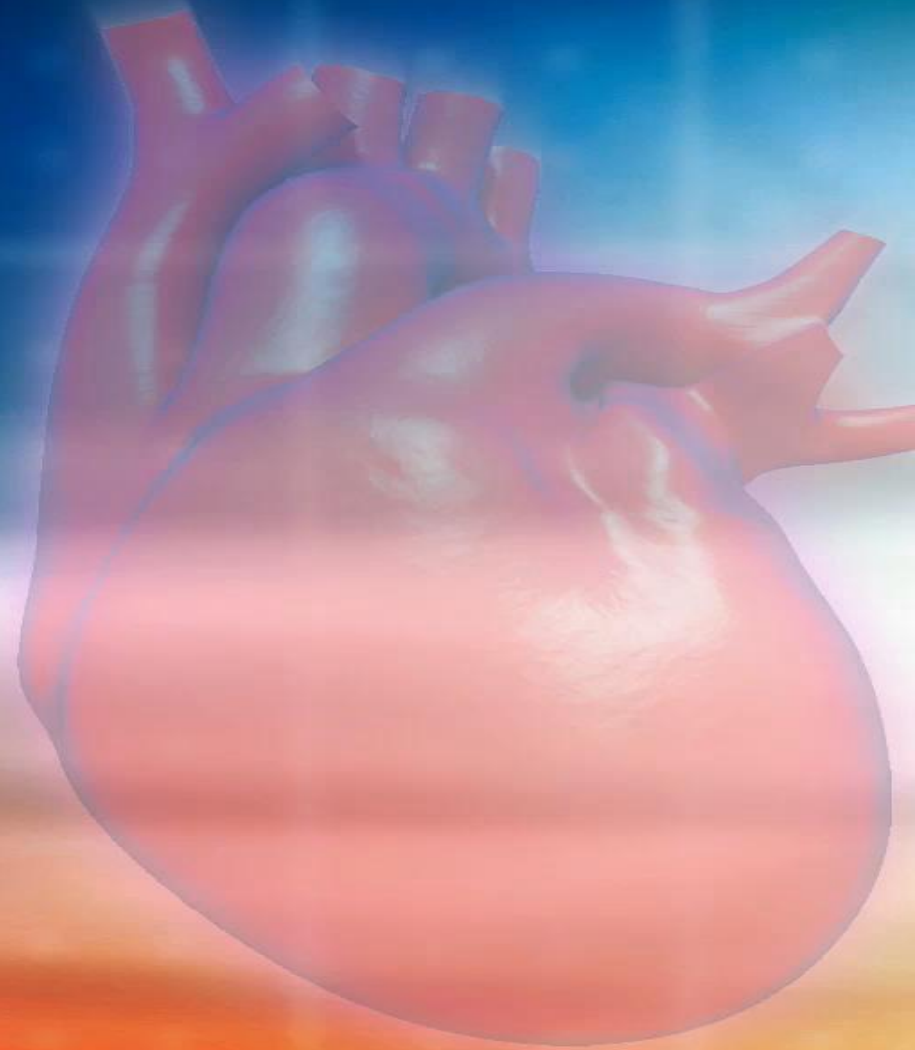
**"IT'S NOT ANTI-AGING, IT'S AGE REVERSING."**

-David Schmidt, CEO, Inventor of LifeWave



The logo for LIFEWAVE, featuring the word "LIFEWAVE" in a blue, sans-serif font with a registered trademark symbol. Two blue curved lines, one above and one below, frame the text.

LIFEWAVE®



# Six-week Organ Function Study

Cardiovascular Systems acted TWO MONTHS YOUNGER!



- ✓ I had PVCs my entire life
- ✓ I did not know I had a Right Bundle Branch Block! (RBBB)

## Pieces of the Heart Puzzle

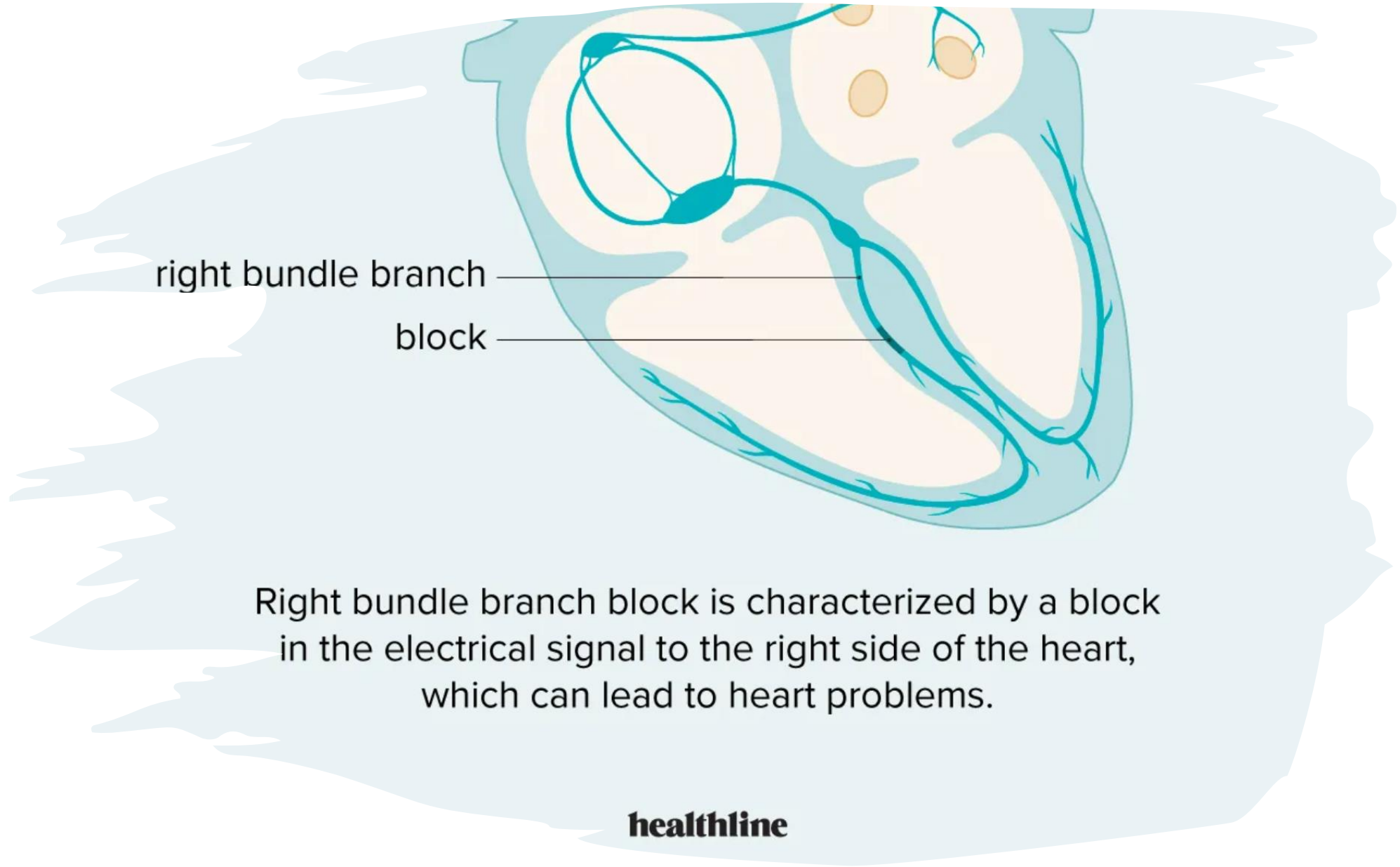




RBBB is associated with an increased risk of all-cause mortality and indicates a poorer prognosis in patients with AMI.

**MeSH Keywords:** Bundle-Branch Block, Meta-Analysis, Mortality, Myocardial Infarction, Prognosis





right bundle branch

block

Right bundle branch block is characterized by a block in the electrical signal to the right side of the heart, which can lead to heart problems.

**healthline**

# JON'S HEALTH TIMELINE

## WITH THE PATCHES

1970

April  
2020

Aug  
2020

Aug  
2020

Two weeks  
later

### PVCs

I first noticed the PVCs when I was in high school

### PATCHES

I started using the x39 patches in April 2020. I placed one on the back of the neck and one on my heart

### PVCS CHANGED

The PVCs became rhythmic!  
Every 5<sup>th</sup> beat!  
Day and night!

### 1<sup>st</sup> STRESS ECHO

Showed that I had a Right Bundle Branch Block

# PVCS GONE!



Report Status: Finalized



**Symptoms**

Shortness of breath.

**Stress Protocol: Exercise - Bruce**

Stage #	Time	VO2	Work	Speed/Grade	Heart Rate	Blood Pressure	Pain Location	RPE	CP	Pain Type	Pain Action
1.0	03:00	17.400	4.8	1.7/10.0	72	131/90					
2.0	06:00	24.300	7.0	2.5/12.0	85	149/83					
3.0	09:00	35.300	10.0	3.4/15.0	103	149/81					
4.0	12:00	43.300	13.5	4.2/16.0	121	166/81					
5.0	15:00	51.500	18.0	5.0/18.0	157	173/82					
Recovery	01:29				75	149/64					

**Conclusions**

**Summary**

The baseline ECG shows sinus rhythm with a RBBB with right axis deviation compatible with left posterior fascicle block. Right precordial ST and T inversion is compatible with the RBBB.

The stress ECG shows an accentuation of the right precordial resting ST depression and is non-specific.

A rare PAC was noted with exertion and in recovery and a very rare (only one) PVC noted with exercise and recovery.

Shortness of breath.

This is a negative stress echo with an excellent exercise tolerance and no chest pain occurred. The baseline LV wall motion is normal and then there is excellent augmentation with stress.

**Signature**

Electronically signed by WRITER, STEVEN MD (Interpreting physician) on 10/02/2020 04:13 PM

**Findings**

**Left Atrium**

Mild left atrial enlargement.

**Left Ventricle**

The left ventricular ejection fraction by Simpson's biplane method was calculated to be 67%.

Normal left ventricular chamber size.

There is normal left ventricular wall thickness.

Normal left ventricular systolic function. No regional wall motion abnormalities.

**Diastology**

Normal left ventricular diastolic function.

**Right Atrium**

Normal right atrial size.

Right atrial index 31.4 ml/m<sup>2</sup>.

**Right Ventricle**

 ECG 12 lead: Patient Communication

 Released

 Seen

## Results

ECG 12 lead (Order 42827062)

### Jon M Harmon

ECG 12 lead  
Order# 42827062

Ordering physician: Eric J Lyall, MD Last Updated: 03/10/2022

#### ECG 12 lead

Order: 42827062

Status: Final result Visible to patient: Yes (seen) Next appt: None

Component	Ref Range & Units	3/9/22 1939
Ventricular Rate ECG	BPM	61
Atrial Rate	BPM	61
P-R Interval	ms	162
QRS Duration	ms	108
Q-T Interval	ms	436
QTc	ms	438
P Wave Axis	degrees	27
R Axis	degrees	67
T Axis	degrees	50

#### ECG Interpretation

Sinus rhythm with occasional premature ventricular complexes. Otherwise normal ECG. When compared with ECG of 16-OCT-2020 15:52, premature ventricular complexes are now present. Right bundle branch block is no longer present.

Right bundle branch  
block is no longer  
present



Menu



## Nuclear Test Results

Kim G



All messages have been loaded.



Kim G

Apr 7, 6:29 PM

Hi, Jon,

Dr. Writer has reviewed your nuclear test results and is pleased to report that everything looks great, your study was normal with no issues noted.

Let us know if you have any questions.

Thanks,  
Kim G., RN

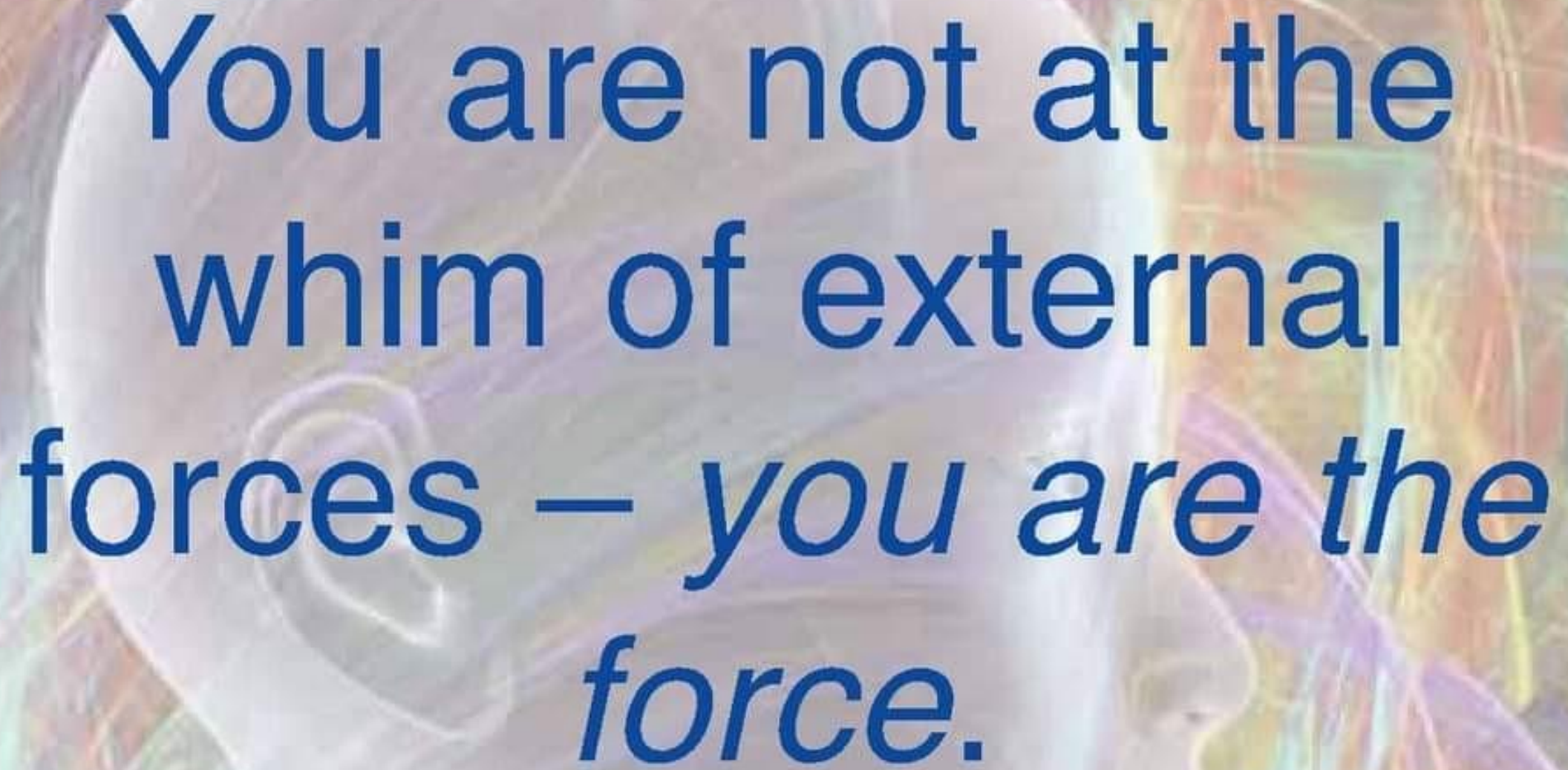




YOU'VE ALWAYS HAD THE POWER  
MY DEAR, YOU JUST HAD TO  
LEARN IT FOR YOURSELF.

-GLINDA-  
WIZARD OF OZ





You are not at the  
whim of external  
forces – *you are the  
force.*



I figured out what I want to be when I get older...

...younger!

LIFEWAVE<sup>®</sup>