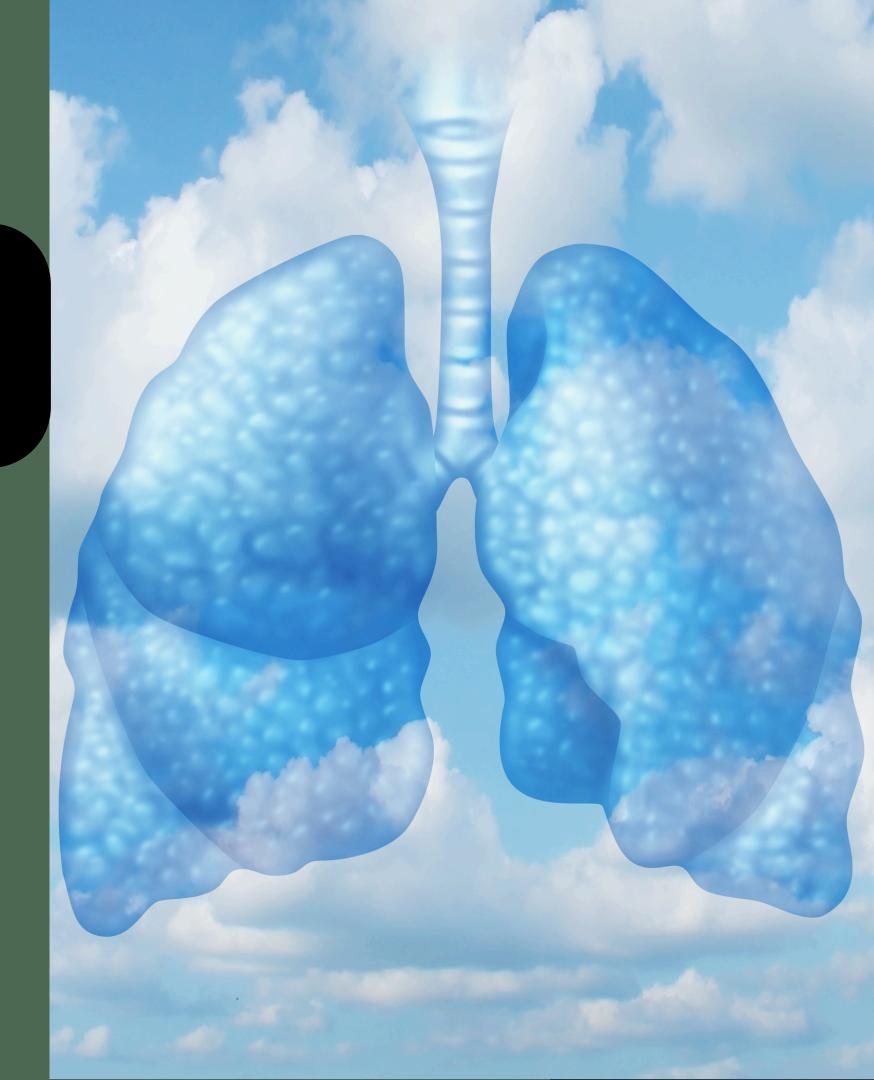
Dr. Anuja Sharma & Randi Stone.

Breathe Better, Live Better

Improve your health and well-being.

PACE *talks*July 23, 2025



Overview-



Lets learn about the breath, body and brain connction.

01

Breath Why

& How

03

Carbon dioxide

02

Nasal

Breathing

04

The

Diaphragm

05

Brief structured breathing exercise.



More than just in and out-

Energy/ Power

Balance the nervous system

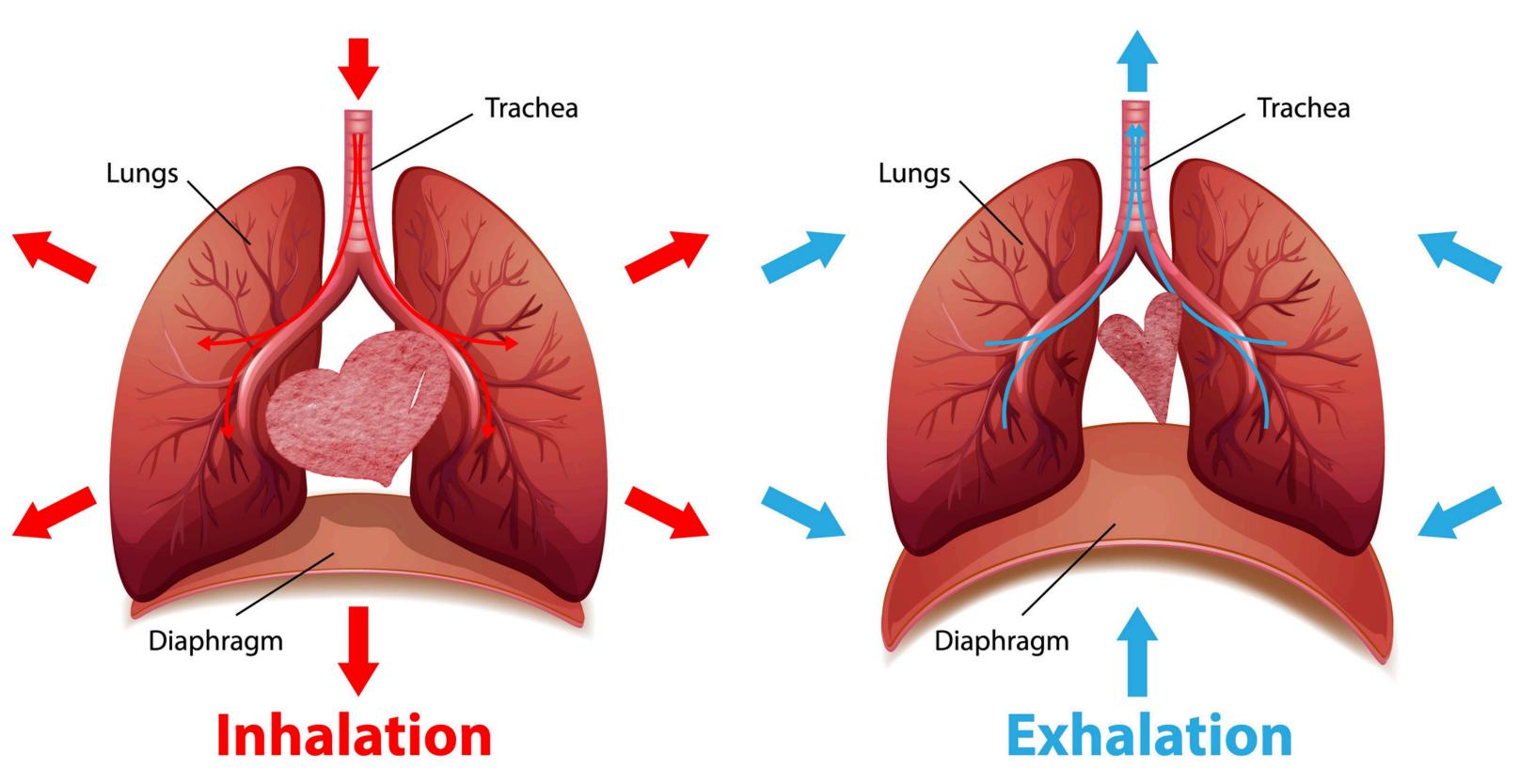
Acid balance Smell



BREATHING

Breathing in

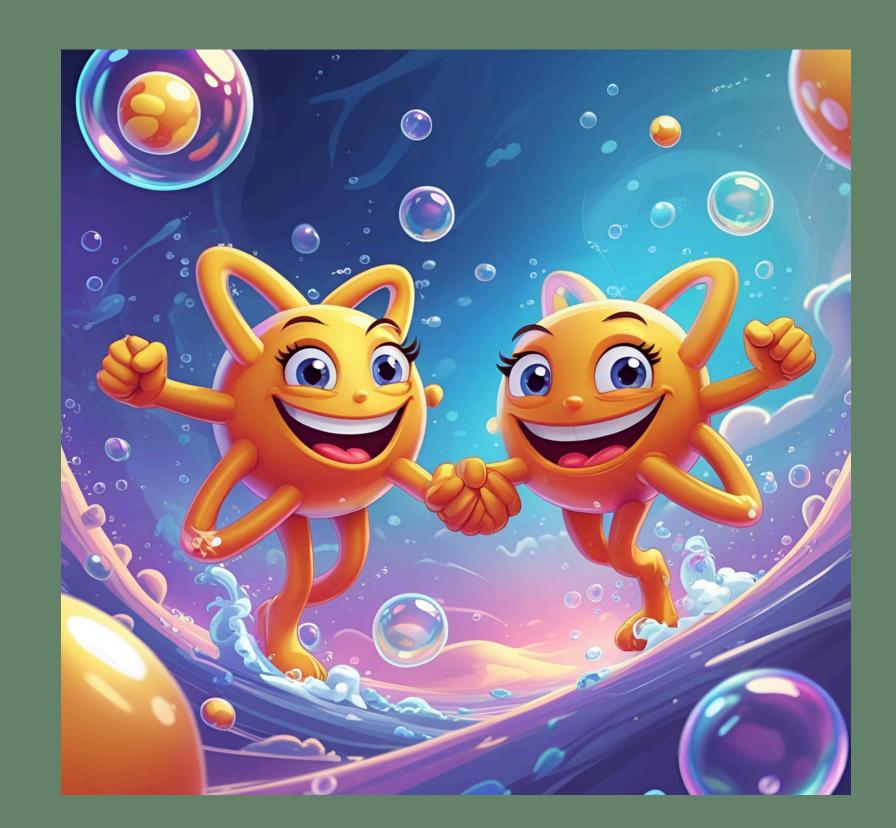
Breathing out

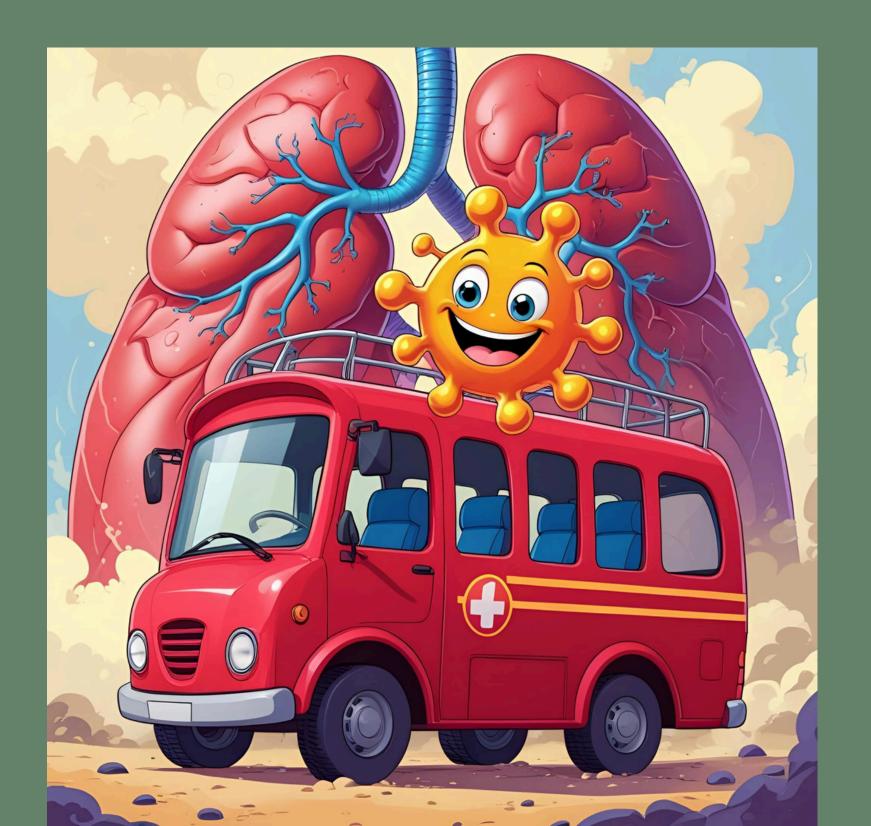


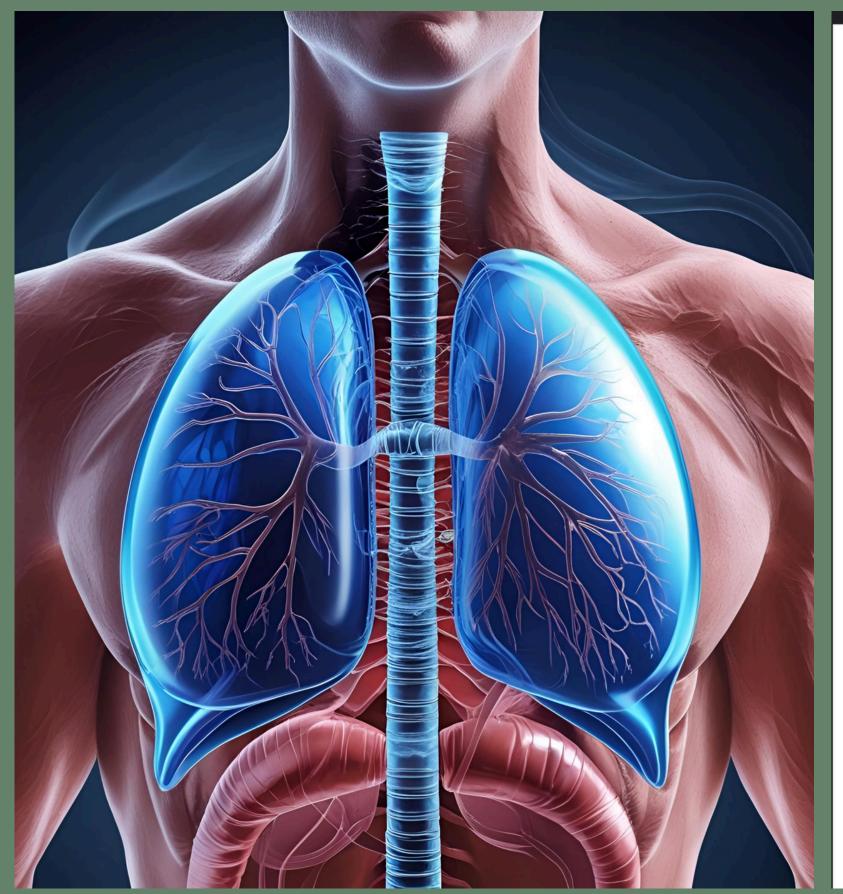


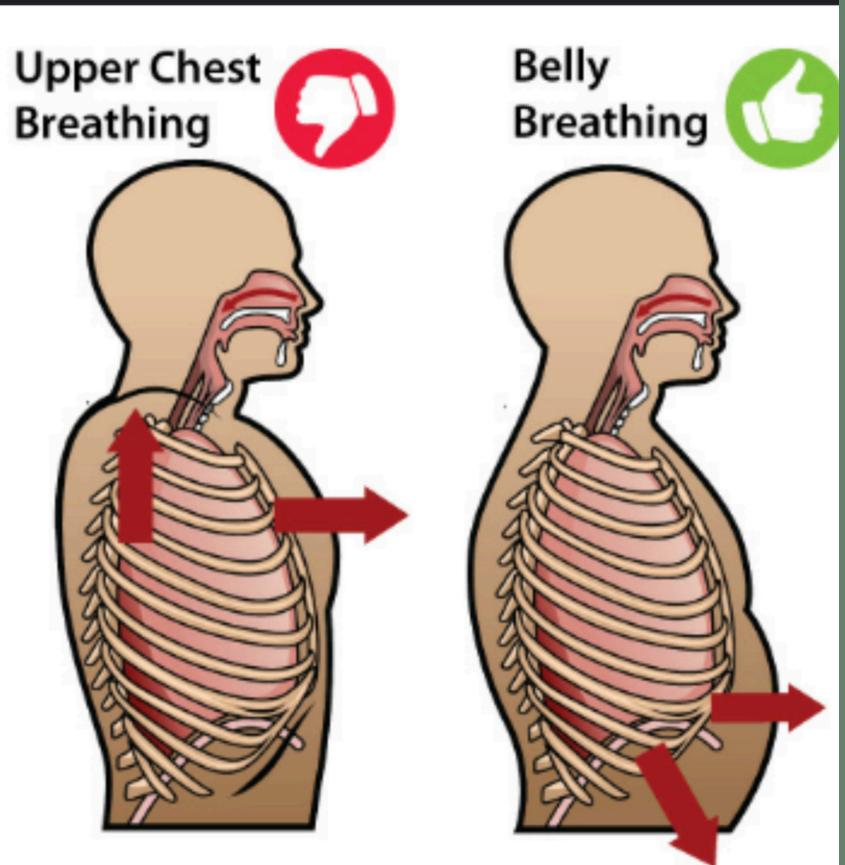
The Oxygen Express









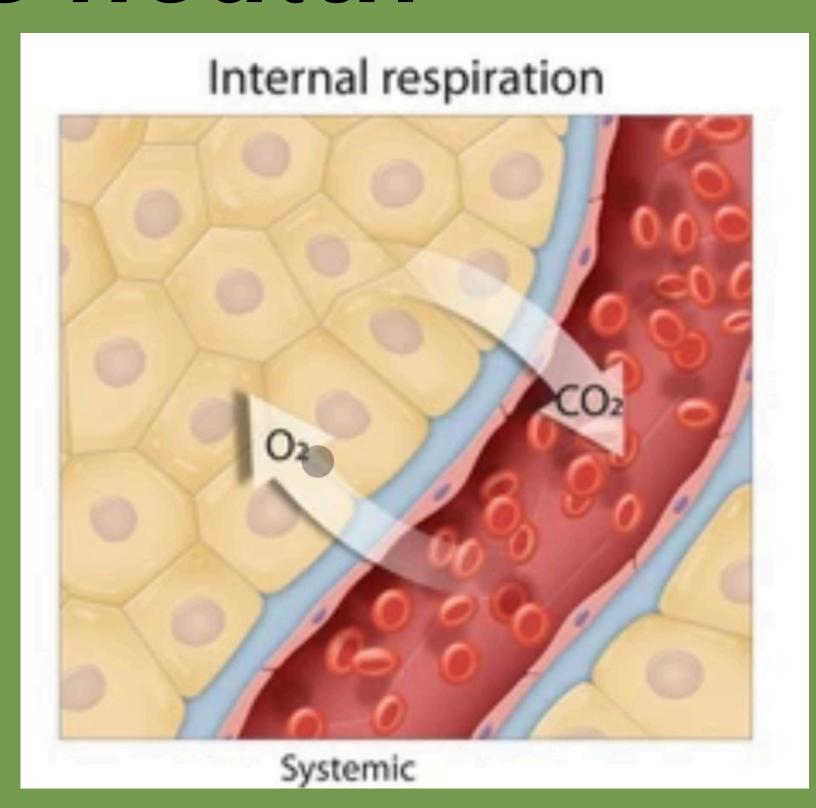


Carbon dioxide- the key to health



Fit Mind





Fit Body

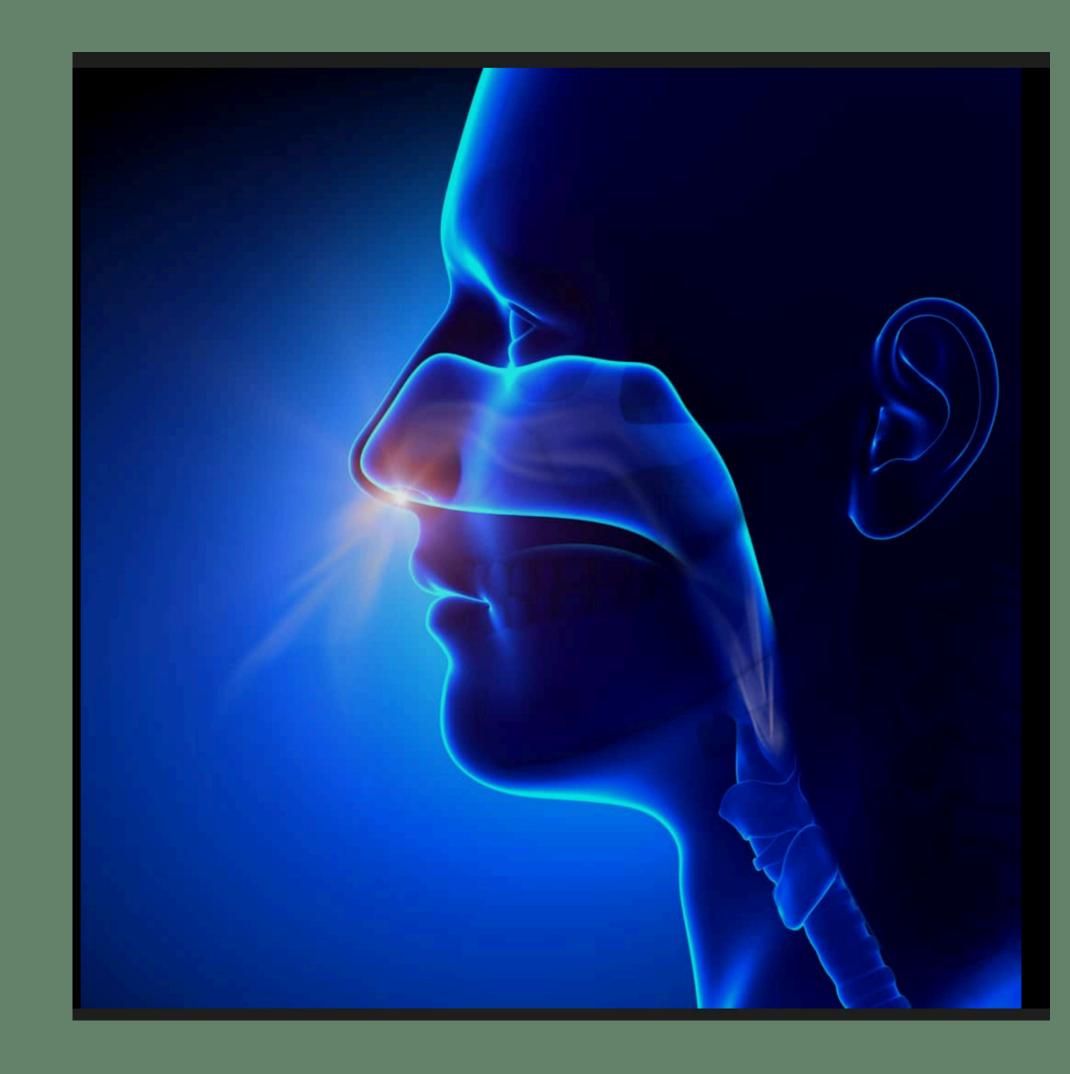


Why Nasal Breathing?

Moisturize
Cool/warm air
Pressurize

Nitric oxide Disinfect/filter air

Helps engage the diaphragm



Rest and Digest Parasympathetic

Decreased Alertness

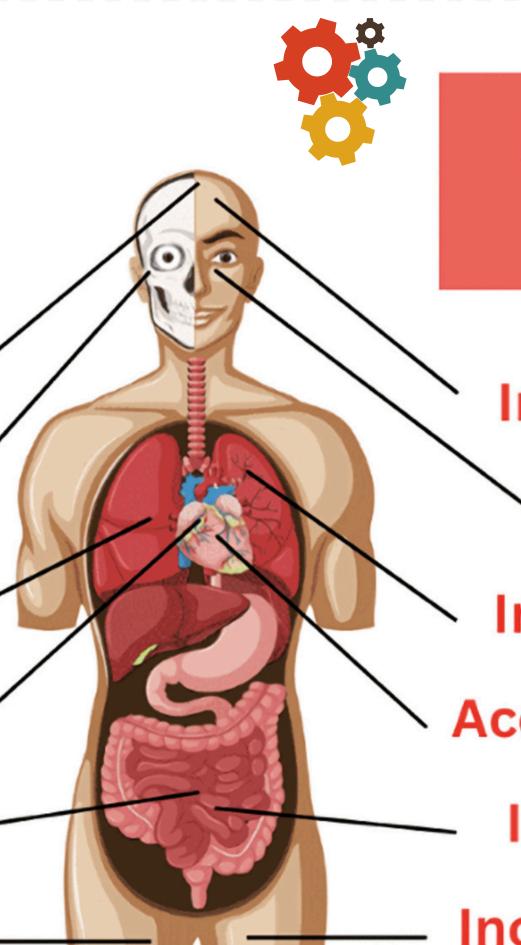
Constricted Pupils

Slow & Deep Breathing

Decreased Heart Rate

Stimulated Digestion

Decreased Muscle Tone



Fight or Flight Sympathetic

Increased Alertness

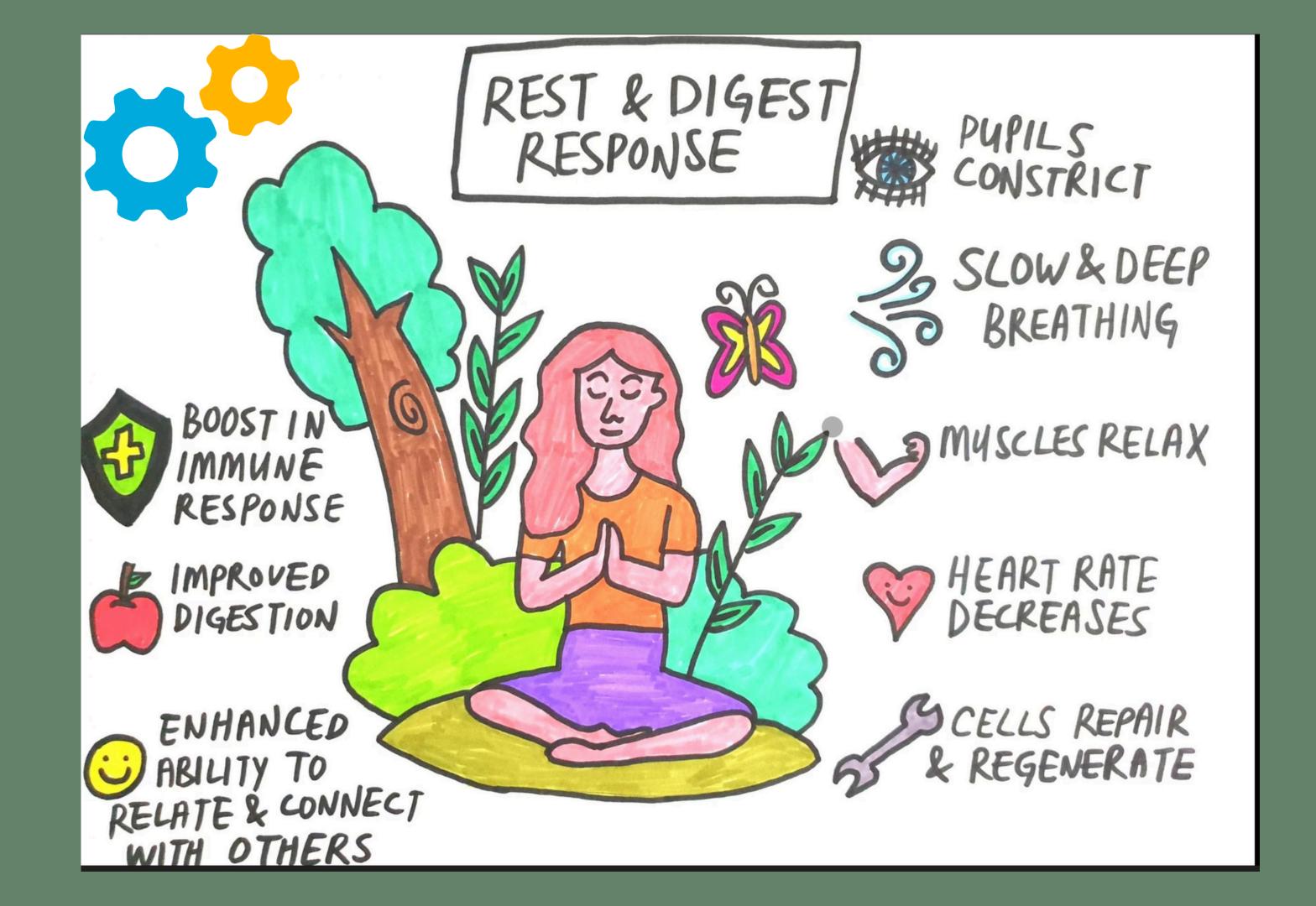
Dilated Pupils

Increased Breathing

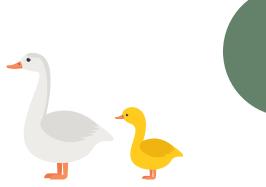
Accelerated Heart Rate

Inhibited Digestion

Increased Muscle Tone



Breathing for Wellness



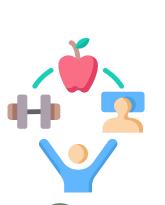
1

Start small- dont force. Build awareness and consistency.



2

Consider underlying health conditions- check with your doctor.



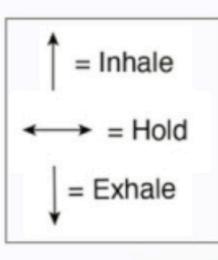
3

Complement to nutrition, sleep, exercise and social connection.

Breathe slow **Breathe low** Nose for breathing Cultivate awareness Humming **Brief Structured Breathing Exercises**



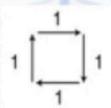




Lowered Respiratory Improved Rate Mood

Physiological Sighing

Box Breathing



Cyclic Hyperventilation

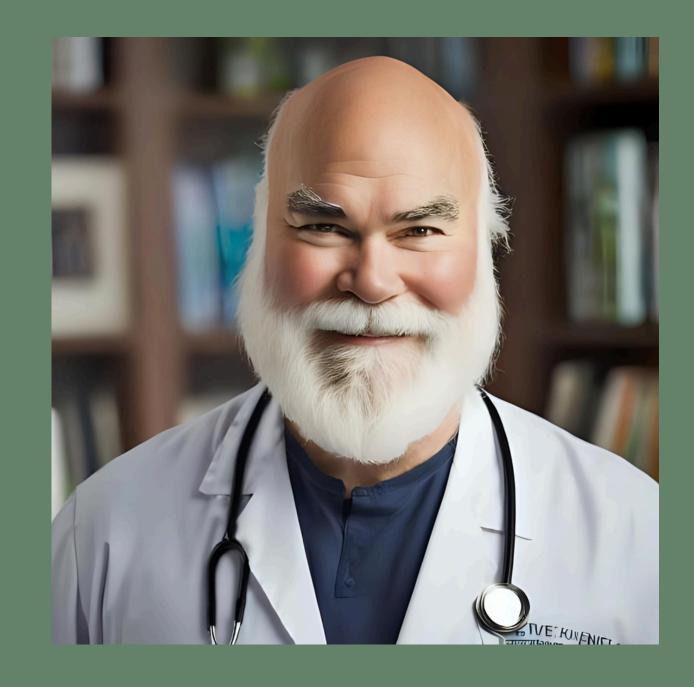
Daily Practice (5 min)

Take a breath in through the nose till lungs are comfortably full

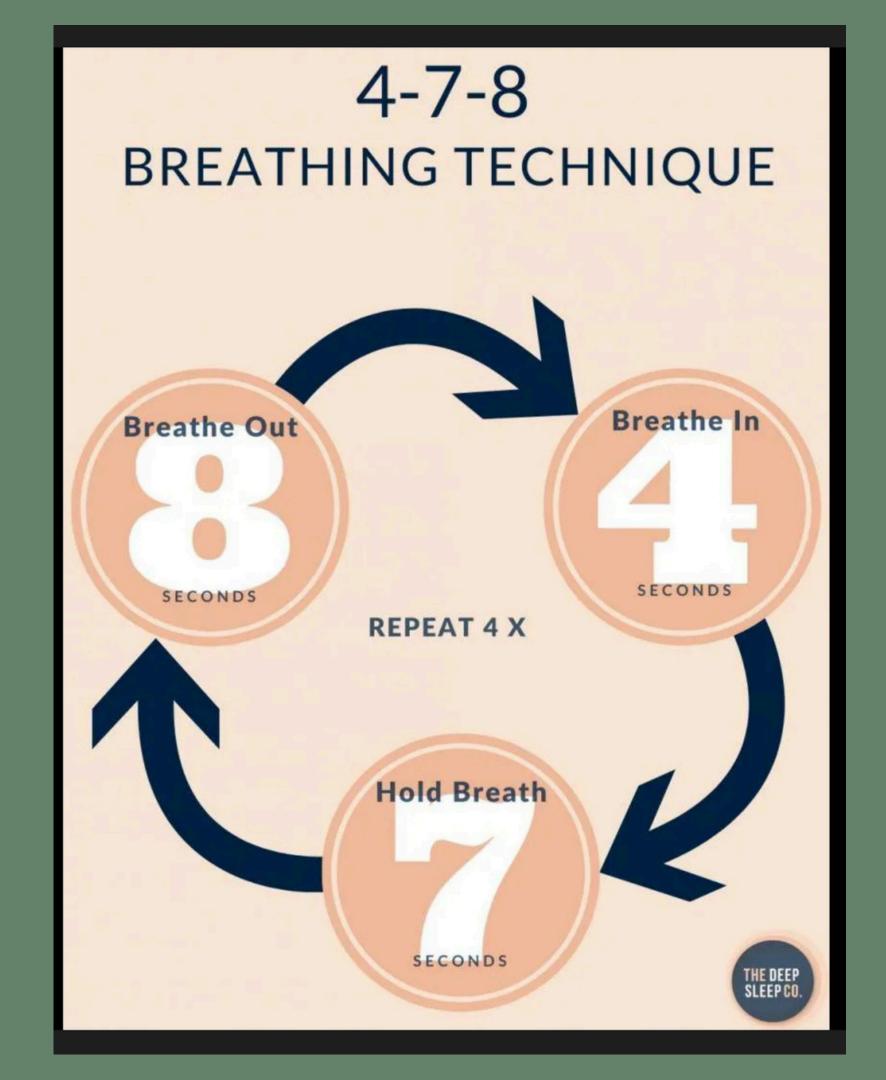
Take a second smaller breath using chest muscles

Pause and exhale slowly through the mouth/nose.

Cyclic Signing for 5 minutes daily



Dr. Andrew Weil



References

https://pmc.ncbi.nlm.nih.gov/articles/PMC11048276/

https://www.nature.com/articles/s41598-021-04461-8

https://bmcresnotes.biomedcentral.com/articles/10.1186/s13104-017-2625-6

https://pmc.ncbi.nlm.nih.gov/articles/PMC9873947/t

Patrick Mckeown: The Oxygen Advantage. The book.

https://journal.chestnet.org/article/S0012-3692(15)52391-X

https://clinicaltrials.gov/ct2/show/NCT05304000



Useful Resources

https://youtu.be/gz4G31LGyog?si=AtgaRE-era_JE15d

https://youtu.be/lBJ2z4PxVt0?si=iEfOMeJQdDTY2JTN

https://youtu.be/tKaUEVnducl?si=WXvSNMCm6Bjdr91A

https://www.youtube.com/watch?v=DTW1HUPNLhU

https://www.youtube.com/watch?v=vpvPm5U4LqE

https://buteykoclinic.com/blogs/buteyko-breathing-technique/buteyko-breathing-breathing-technique/buteyko-breathing-technique/buteyko-breathin

