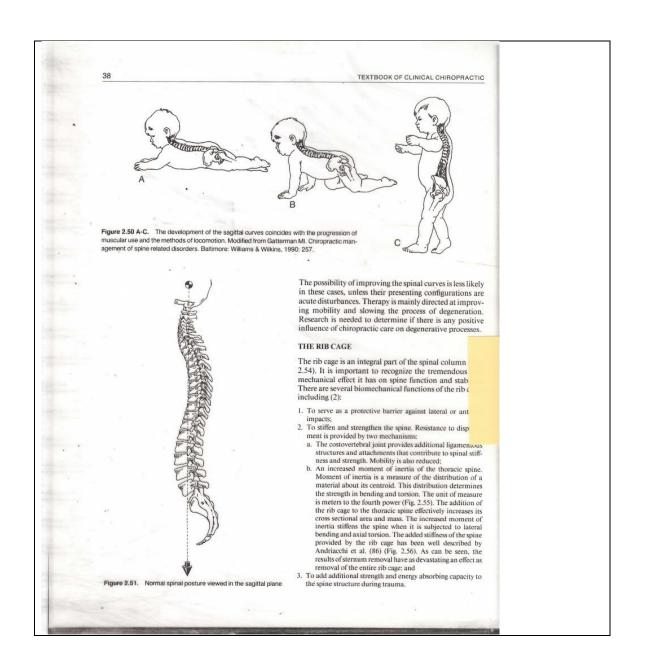
Building a Better Neck

Preserve the Curve



Preserve the Motion

Rotation: Ability to look right and left

Flexion: Ability to touch chin to chest

Extension: Ability to look up

Lateral Flexion: Ability to tilt ear towards shoulder

Threats to Normal Cervical Curve and Motion

Postural Distortion

Trauma

- Whiplash
- Slip-And-Fall
- Slip-And-Stumble
- Workplace accidents
- Sports injuries
- Gardening Injuries

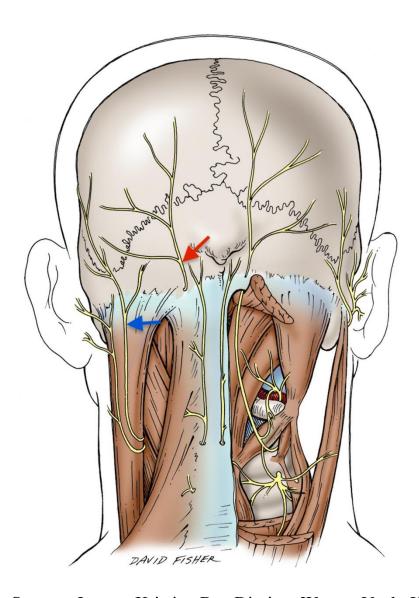
Emotional Stress

Not All Cervical Trauma Is Obvious



https://www.loc.gov/item/00694192

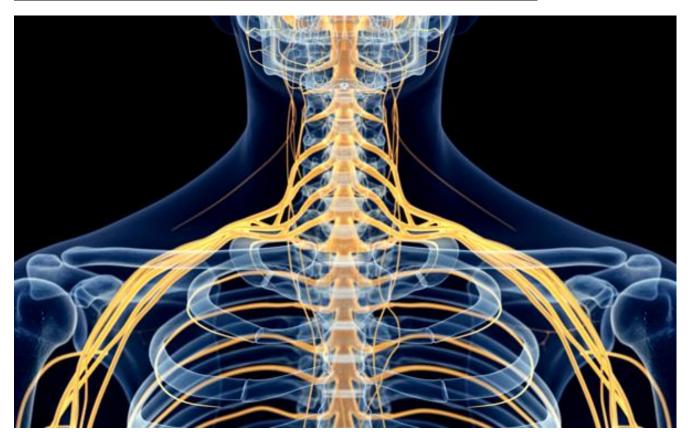
Cervical Spinal Nerves and Head Sensation



Susanne Lynge, Kristina Boe Dissing, Werner Vach, Henrik Wulff Christensen, Lise Hestbaek. <u>Effectiveness of chiropractic manipulation versus sham manipulation for recurrent headaches in children aged 7–14 years - a randomised clinical trial</u>. Chiropr Man Therap. 2021; 29: 1.

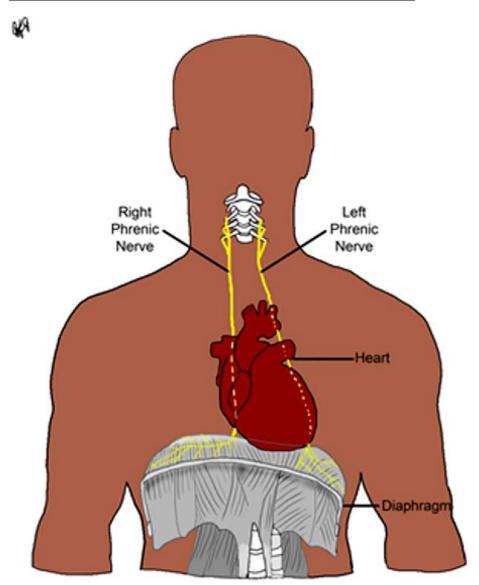
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7792176/

Cervical Spinal Nerves and the Upper Extremity



Brent S Russell. <u>Carpal tunnel syndrome</u> and the "double crush" hypothesis: a review and implications for chiropractic. <u>Chiropr Osteopat.</u> 2008; 16: 2. Full text: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2365954/

Cervical Spinal Nerves and Breathing

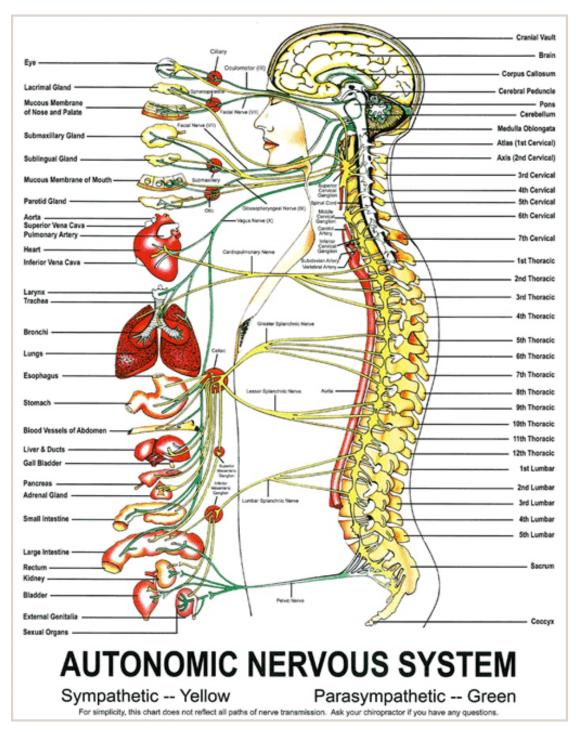


Kessinger R. Changes in Pulmonary Function Associated with Upper Cervical Specific Chiropractic Care. *J Vertebr Sublux Res*, 1997; 1(3): 43-49.

Masarsky CS, Weber M. Chiropractic and Lung Volumes – A Retrospective Study. *ACA J Chiropr*, 1986; 20(9): 65.

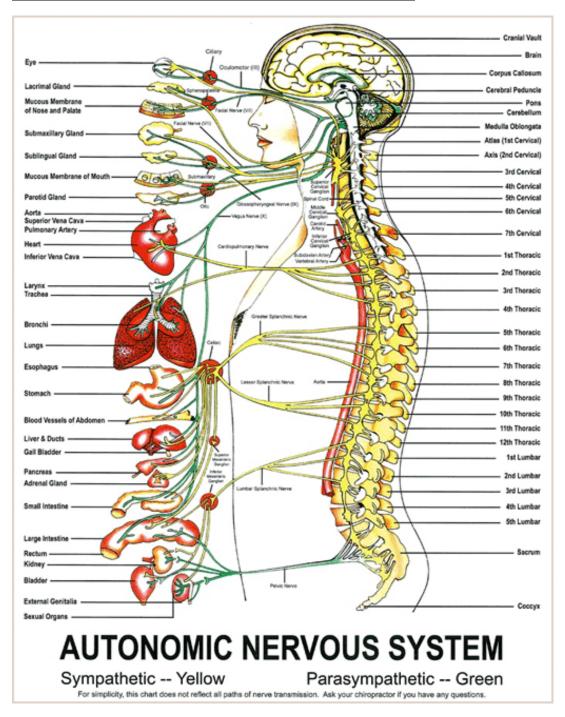
Masarsky CS, Weber M. Chiropractic Management of Chronic Obstructive Pulmonary Disease. *J Manipulative Physiol Ther*, 1988; 11: 505-510. Abstract: http://www.ncbi.nlm.nih.gov/pubmed/3253396

Cervical Spinal Nerves and Dizziness



Aleksander Chaibi, Peter J. Tuchin <u>Chiropractic spinal manipulative treatment</u> of cervicogenic dizziness using Gonstead method: a case study J Chiropr Med. 2011 Sep; 10(3): 194–198 Full text: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3259942/

Cervical Spinal Nerves and the Heart



Daniel J. Cohen, Steven Schulman, Charles S. Masarsky, Marion Todres-Masarsky. <u>The Kaleidoscope Model of Integrative Healthcare as a collaborative paradigm for cardiology and chiropractic: a call to action</u>. Integr Med Res. 2018 Mar; 7(1): 1–8.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5884005/

Building a Better Neck

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www.neurologicalfitness.com

You Tube: https://www.youtube.com/channel/UCkEKVboDAUWH4YEJnfrlnPg

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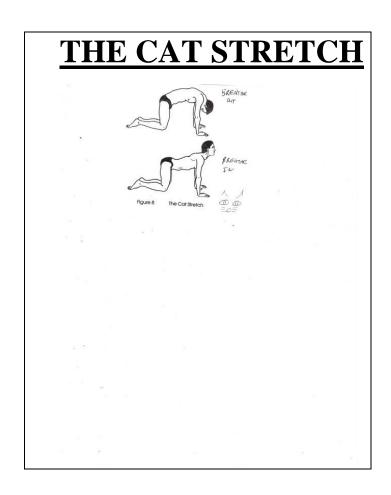
Perform one to three sets per day unless otherwise advised by your health care provider. If any exercise causes pain, dizziness, nausea, double vision or any other form of distress, discontinue until you are cleared to resume by your health care provider.

<u>Press-Relax for Head Tilting</u>: Tilt your head to the left side, as if trying to bring your left ear to your left shoulder. Look up slightly. Press the right side of your face firmly but comfortably (avoiding pain or strain) into your right hand for approximately ten seconds, as if you were trying to bring your head back to the upright position. Take a deep breath, let it out, and try to tilt a little further to the left. Repeat the above in the opposite direction.

<u>Press-Relax for Head Rotation</u>: Turn your head all the way to the left. Look up slightly. Press the right side of your face firmly but comfortably (avoiding pain or strain) into your right hand for approximately ten seconds, as if you were trying to turn your head back to the middle. Take a deep breath, let it out, and try to turn a little further to the left. Repeat the above in the opposite direction.

Jaw Release: (Note: A hearing aid may have to be removed to do this exercise comfortably.) Pull down on your earlobes (not your earrings!) gently but firmly, while slowly opening your mouth one time. Pull back on the ears and repeat the opening and closing of your mouth. Pull up on the ears and repeat. Place the tips of your fingers just barely in your ears (or your knuckles if you have long fingernails), press forward very gently (with the same amount of pressure that would be comfortable over your eye), open and close.

<u>The "Mirror Trick":</u> When you start your car, sit tall and adjust your seat and rearview mirror. Now, whenever you "scrunch" into a compressed posture, your inability to see out of your rear-view mirror will remind you to balance and lengthen.



<u>Cat Stretch</u>: On your hands and knees, breathe out as you rest your head down and arch your back up. Do this slowly and within the limits of comfort. Then slowly breathe in as you lift your head up and arch your back down. Repeat 10 times. If there is pain at a certain point in the movement, work only within the "painless envelope" until your spine becomes more limber.

References:

Fred Ott's Sneeze: https://www.loc.gov/item/00694192

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Cervical Headache: Susanne Lynge, Kristina Boe Dissing, Werner Vach, Henrik Wulff Christensen, Lise Hestbaek. Effectiveness of **chiropractic** manipulation versus sham manipulation for recurrent headaches in children aged 7–14 years - a randomised clinical trial. Chiropr Man Therap. 2021; 29: 1.

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https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5884005/

IMAGINE A PILL

Imagine a pill that helps most people alleviate and prevent back pain, neck pain, headaches, and more.

It will do no harm to your stomach.

It will do no harm to your liver.

It will do no harm to your kidneys.

It carries no risk of addiction or overdose.

It will not make it unsafe to drive or operate machinery.

In fact, it usually improves attention span & coordination.

If this pill existed, everyone would be talking about it. It does not exist, but the chiropractic adjustment does.

If you are under chiropractic care, please continue!
If not, please contact your friendly local chiropractor to get started!