



BackTalk Newsletter

April 2025



REGISTER NOW

FREE MINI SEMINAR at LARSON LAW!

WHEN: THURSDAY, APRIL 10TH, 2025

TIME: 9:00 AM TO 1:00 PM

WHERE: 922 W BAXTER DR. STE 200, SOUTH JORDAN, UT 84095

COME ENJOY A FREE PI BILLING SEMINAR FOR
ALL CHIROPRACTIC ASSISTANTS, OFFICE STAFF, AND
INTERESTED PHYSICIANS

TOPICS WILL INCLUDE:

CODING

CASE MANAGEMENT

BILLING

RECORD KEEPING

RVS BILLING CODES

AND MUCH MORE

WE INVITE EVERYONE INTERESTED TO COME AND LEARN FROM THE PROS AT LARSON
LAW!

LUNCH WILL BE PROVIDED!

[CLICK HERE TO REGISTER FOR FREE SEMINAR!](#)



COMING THIS FALL....
PERSONAL INJURY POWERHOUSE SEMINAR

SATURDAY, OCTOBER 25TH, 2025
8 CE HOURS

More details and information about speakers will be coming soon!
Mark your calendars for this amazing seminar!



Cervical Lordosis following a Motor Vehicle Collision is Just Muscle Spasms!

OR IS IT?

By Jeffrey A. States BS, DC

Cervical lordosis aka reverse cervical curve has been studied since before 1959. “Reversed cervical curve (or cervical lordosis), which is considered abnormal”. [\[1\]](#) Previous crash studies documents that traumatic Cervical Acceleration Deceleration (CAD) (whiplash)[\[2\]](#) injuries is a cause of traumatic reversal of cervical curvature.

In a 5-mph delta V type 1 (rear impact motor vehicle collision) during crash phase 2 the cervical motion of cervical lordosis is seen in different research studies. This finding is later seen on injured occupants’ lateral cervical x-rays. CAD is a complex traumatic injurious event that likely causes the muscle spasms in the neck due to damaged documented in radiographic reports.

In MVC’s real disrupted biomechanics leading to structural problems with traumatically induced cervical lordosis. Most physicians believe that the cervical spasmed muscles following a MVC are a protection mechanism. Thinking these muscles are only working hard to protect the injured spine. There is much, much, more to this condition. All due to the crash impact potentially damaging muscles, nerves, ligaments, tendons, discs etc.

There is a very important area in the cervical spine that not typically thought of or mentioned, the vascular system. Due to the reversed curvature a result of the impact, vascular compromise is more likely than not going to have a negative result.

Vertebral arteries proceed in the transverse foramen of each cervical vertebra bilaterally. A study found, “The present study revealed a significant association between loss of cervical lordosis and **decreased vertebral artery hemodynamics**, including diameter, flow volume, and peak systolic velocity.”^[3] This study found in their subjects that had cervical lordosis (loss of neck curvature) that the blood flow volume through the vertebral arteries was reduced. **The vertebral arteries supply the circle of Willis in the brain.** This means the blood flow to the brain is reduced. This is not good. (bold added)

Vascular compromise to the cervical spine and brain is hugely problematic for anyone. Since we know most reverse curves in the cervical spine is due to trauma. It is physicians’ responsibility to determine if this reversal is more likely than not from a particular crash event. It is the physicians’ job to find traumatic injuries, document them, tell the patient what was found and then treat them correctly. Following a prudent course of care physicians should document progress if present.

^[1] The Normal Cervical Lordosis A. G. Boreadis Borden May 1 1960

^[2] Increase in cerebral blood flow indicated by increased cerebral arterial area and pixel intensity on brain magnetic resonance angiogram following correction of cervical lordosis Evan A Katz et al. Brain Circulation - Volume 5, Issue 1, January-March 2019 p 25

^[3] Decreased Vertebral Artery Hemodynamics in Patients with Loss of Cervical Lordosis Mehmet Deniz Bulut Med Sci Monit. 2016 Feb 15;22:495–500



Dr. Jeffrey A. States is the CEO and founder of Personal Injury Training LLC. For more detailed information on this topic with references join PI ONLINE Trainings or

PI Coaching at <https://personalinjurytraininginstitute.com/>

The original article used by providers trained by Dr. States contains more specific quotes and references. This type of work is available to those certified in Motor Vehicle Collision Occupant Injuries (MVCOL). They include supporting references in their reports. These PI Experts can then testify with foundation and confidence if necessary. Doctors adding several supportive, useful, valid, and case specific references substantially increase case value.

Adam Larson JD at Larson Law was first certified in MVCOL in September 2011. He diligently maintains his certification, last re-certified in the summer of 2024. He, like Bryan Larson JD, knows what this type of information means and how to use it in case settlements.

THE FORUM

Hosted by Rayus Radiology

THURSDAY, MAY 8TH at 12:00 PM

THE FORUM

Hosted by
RAYUS
RADIOLOGY

Join RAYUS Radiology Utah for
an engaging discussion on
**Multidisciplinary Approach
to Concussions.**

Featuring Guest Speakers
**Dr. Gregory Condie & Dr.
Kevin Mangum**

Thursday, May 8 @ 12:00 PM
10701 S. Riverfront Pkwy
South Jordan, UT84095
(Rec Room, Bottom Floor)

RSVP NOW
brady.torgerson@rayusradiology.com

*** The views and opinions expressed at The Forum are those of the presenter
and do not necessarily reflect the official views of RAYUS Radiology. ***

To learn more about our speakers,
visit <https://drkevinmangum.com/> and <https://sterlingpainandspine.com/about-us/>

We are looking forward to hearing from Dr. Condie and Dr. Mangum speak on Multidisciplinary Approach to Concussions. We would love to have you join us and share your expertise and experience. The forum provides a great opportunity for you to connect with like-minded professionals!

As always, we will be providing lunch so bring your colleagues and join us!



We are truly grateful for the trust you place in us to handle your personal injury patient's needs.

Your referrals mean the world to us—they are the highest compliment we can receive.

If you know someone who could benefit from experienced legal support after an accident, we're here to help them get the care and compensation they deserve.

Rest assured, we'll treat them with the same dedication and respect we've shown all your patients.

Thank you for your confidence in us!



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We can mail them out to you or feel free to stop by to pick them up.

Let us help you with your Personal Injury case flow!

Did you know Larson Law has Facebook Pages, Instagram, TikTok and more!

Click icon links below to follow our pages!

We'd love for you to join and like our pages!

**If you have any recommendations for our BackTalk newsletter or our
upcoming seminar,
please email us at ceri@larsonlawutah.com**

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