

Relationship Between Vertebral Deformities And Allergic Diseases

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FROM ABSTRACT

Background:

A research verification between visceral disease and immune dysfunction from sympathetic segmental disturbances secondary to vertebral deformities has been put forward by chiropractic and various fields' medical practitioners.

We report on the positive results of a controlled study using vertebral correction treatment to reduce vertebral misalignments in patients with atopic dermatitis and bronchial asthma. We also discuss possible mechanisms for the relationship between visceral and immune dysfunction and vertebral deformities.

Methods:

We divided 360 atopic dermatitis patients into six groups in the treatment frequency to compare a treatment effect. We investigated the existence of the diurnal secretion quantity change of adrenal cortex hormone to judge the present condition of the adrenal cortex functions of 1,699 atopic dermatitis patients and bronchial asthma patients. We investigated the spinal condition of 1,028 atopic dermatitis patients and bronchial asthma patients to consider the relationship between the allergic disease and the spinal misalignments. We implemented Takeda Method to 906 bronchial asthma patients and 1,827 atopic dermatitis patients and chased the treatment effect.

Results:

Among 120 atopic dermatitis patients who received spinal correction treatments every day, 106 [88%] showed improvement in skin itching and 86 [72%] showed improvement in skin condition.

Among 240 atopic dermatitis patients who did not receive spinal correction treatments every day, we could not obtain a sure treatment effect.

As a result of the questioning about the diurnal quantity change of adrenal cortex hormone secretion to 1,699 patients, the adrenal cortex function of these patients may be in the decline condition. We obtained over 70% improvement in allergic symptoms by Takeda's Method.

We found that vertebral misalignment is a common and characteristic finding in patients with atopic dermatitis and bronchial asthma.

Conclusion:

According to the results of this study chronic nerve compression secondary to vertebral deformity in the thoracic region had a significant effect on the immune function of atopic dermatitis and bronchial asthma patients.

The adrenal cortex functions of these allergy patients may be in the chronic decline condition with this chronic nerve compression. A sure treatment effect cannot be obtained without considering the nature and the function of the autonomic nerves.

THESE AUTHORS ALSO NOTE:

These authors investigated the relationship between allergic diseases and thoracic vertebral misalignment which is caused by chronic minor spinal curvature disappearance (loss of normal alignment in the AP plane).

This study observed that the allergic diseases atopic dermatitis and bronchial asthma, hay fever, nasal allergic inflammation/discharge, etc., in 3,013 patients had a high ratio of "chronic vertebral misalignments." **[Important]**

Correction or improvement in spinal misalignment, misalignment and loss of curvature in 2,733 allergic disease patients showed that the allergy symptoms, such as skin eczema, skin itches, and asthma attack improved with the reduction of chronic vertebral misalignment.

"As it was surmised that allergies, such as very severe atopic dermatitis and bronchial asthma, have a strong connection to severe chronic vertebral misalignment."

This study showed that there are particular characteristics shared by atopic dermatitis and bronchial asthma patients. "Chronic vertebral misalignment was present in both atopic dermatitis and bronchial asthma patients."

"Changes in vertebrae caused by chronic vertebral misalignment were present in particular regions of the spine and chronic narrowing of the vertebral foramina due to the changes in the vertebrae were present."

The location of the chronic vertebral misalignment was "remarkably similar."

"The muscular system that supports and maintains the spine was in noticeably poor condition in atopic dermatitis and bronchial asthma patients alike."

"Vertebral misalignment in allergic disease patients was present from the 8th to the 10th thoracic vertebra."

The chronic vertebral misalignment associated with atopic dermatitis was located at the 8th to the 10th thoracic vertebrae. **[Important]**

The chronic vertebral misalignment causes:

- 1) "Chronic narrowing of the intervertebral foramina."
- 2) "Chronic neurotripsy." [nerve rubbing]

3) The "reciprocal innervation between the brain and the organs is continually and severely impacted."

"Because of the chronic neurotripsy, caused by the intervertebral narrowing of the foramina due to changes in the 8th to the 10th thoracic vertebra in a forward and downward direction, the immune function related to innervation of organs, such as the adrenal glands and the adrenal cortex, is chronically and severely impaired."

[Very Important]

The "continuation of this chronic and severe condition" results in a high probability that the following chronic conditions are present:

- 1) "The presence of chronic and various reciprocal innervation disorders between the brain and the adrenal glands."
- 2) "The presence of chronic hormone secretion dysfunctions of the adrenal glands based on the reciprocal innervation between the brain and the adrenal glands."
- 3) "The presence of a chronic dysfunction of the adrenal glands and adrenal cortex themselves caused by blood circulation dysfunction in the adrenal glands."
- 4) "The presence of chronic various backache."
- 5) Altered cytokine production.
- 6) Increased inflammation.
- 7) Altered production of IgE.
- 8) Altered activation of mast cells.
- 9) Altered activation of helper T2-cells and eosinophils.

[Recall, Th2 {Thymus helper-2} responses produce IgE {immunoglobulin E} which attach to mast cells causing degranulation {the membrane falls apart} of the mast cell membrane, dumping chemicals {like histamine} that cause atopic disorders {atopic dermatitis, bronchial asthma, etc.}].

- 10) Altered production of glucocorticoid secreted from the adrenal cortex.

Atopic dermatitis and bronchial asthma patients are often medically treated with corticosteroids, antihistamines, and immunosuppressants, which can actually aggravate their symptoms in the long run.

“It can be said that the fundamental treatment of these diseases [atopic dermatitis and bronchial asthma] is the improvement of the chronic narrowing of the intervertebral foramina secondary to vertebral distortion.” **[Important]**

The patient must “improve the muscles supporting the vertebral column and to engage in sufficient sleep and rest, active stress reduction, and nutrition to improve basic physical strength (immunity and resistance) for the recovery from the disease.”

These authors investigated 3,013 allergic disease patients with chronic vertebral misalignment and executed vertebral correction therapy, and compared the changes in symptoms. Specifically, patients suffering from atopic dermatitis for over 5 years received thoracic vertebral correction therapy every day, or every 3 days, or every seven days, for up to six months.

The patients were treated with the ***Takeda Method***.

The *Takeda Method* corrects changes in chronic vertebral misalignments and improves the “chronic narrowing of the intervertebral foramina.” It was developed in 1994 at the University of Tokai (Tokyo, Japan), Graduate School of Engineering, Department of Human Engineering. It can correct changes in the chronic vertebral misalignments safely and reliably. It “incorporates 9 physical elements in order to safely and reliably correct the patient's posture during treatment along with correction of the targeted vertebrae.”

“Regarding the frequency and duration of the treatment to correct changes in the vertebrae caused by vertebral misalignment, it is noted that the results of comparative studies on atopic dermatitis and bronchial asthma patients showed that daily corrective treatment for three to six months of the course of treatment had the best improvement effect.” **[Very Important]** “It was necessary to give daily stimulation for at least three to six months to the autonomic nerves indirectly to obtain sure treatment effect.”

The follow-up assessment of the effects of the Takeda Method included re-evaluation of the vertebral misalignment, observation of symptom status, and a detailed analysis of patient's IgE counts and eosinophil counts. The eosinophil counts were an effective means to assess the severity of the patient's inflammation.

“X-ray of the patient's thoracic vertebrae showed that intervertebral foramina between the 8th and 10th vertebrae were much narrower than those between the other vertebrae.” Also, the curvature of the spine was flattened.

“In all the patients, there was disappearance of the posterior curve of the spine that peaks at the 7th thoracic vertebrae. The slight shift in thoracic vertebrae 8th to 10th causes narrowing of the vertebral foramina conduit for nerves related to adrenal cortex function.” These vertebral displacements and abnormal spinal curvatures can be palpated.

“The changes of the vertebrae from the 8th to the 10th thoracic vertebra caused by the abnormal spinal curvature are associated with the vertebral misalignment of the normal S-shaped spinal curve to the outer top of the 7th thoracic vertebra.”

“The changes in the vertebrae caused by the vertebral misalignment are present from the 7th or 8th thoracic vertebra to the 10th thoracic vertebra.”

The vertebral misalignment described in this paper were:

Bronchial asthma T2 – T4

Atopic dermatitis T8 – T10

At both spinal regions, the vertebrae were tipped forward (a flexion malposition), compressing the anterior portion of the disc, allowing the spinous process to become more horizontal. The narrowing of the IVF was not initially caused by disc narrowing, but rather by the superior articular process of the flexed vertebrae moving into the IVF. **[Important]**

This study “confirmed that over 98% of allergy patients had the vertebral misalignment.”

The chronic vertebral misalignments were found only in the thoracic vertebra region that corresponded to the innervation of the adrenal glands (T8-T10).

These authors believed that the improved symptoms with the correction of the vertebral misalignments were due to altered function of the autonomic sympathetic nerves. “On the occasion of correction of vertebral misalignment, we must consider the nature and the functions of the autonomous nerves.”

[Very Important]

“As a result of this multi-faceted study investigation, we re-confirmed that these vertebral deformities and the allergic diseases linked together strongly.”

These authors considered normal A-P spinal alignment to be when the 7th thoracic vertebra was the outermost vertebra on the thoracic curve. When T7 was not the outermost vertebra, lasting improvement required strengthening of the muscles that support the spine.

“Based on the test results, we can state that the only treatment that can demonstrate fundamental effects on allergies such as atopic dermatitis, bronchial asthma, and pollinosis will have the potential to treat spinal curvature disappearance. In other words, we can state that a treatment that cannot fundamentally treat spinal problems cannot fundamentally improve conditions such as atopic dermatitis, bronchial asthma, pollinosis, and allergic coryza.”

CONCLUSION:

"We are able to obtain significant alleviation of these diseases [atopic dermatitis, bronchial asthma] and improvement of the neurotripsy caused by the chronically narrowed intervertebral foramina from the 8th to the 10th thoracic vertebra. This is the innervation region relating to the adrenal glands and adrenal cortex impacted by changes in the vertebrae caused by vertebral misalignment in the thoracic region. This was commonly present in allergic disease patients."

"There is a high possibility that allergic disease relates to the innervation of organs that relate to the immune function which are affected by changes in the vertebrae caused by the chronic vertebral misalignment."

Reinforcing and improving the muscles supporting the spine can obtain preventative and longer lasting results.

"There is an expectation of alleviation, and prevention of development of symptoms by correcting the changes in the vertebrae caused by chronic vertebral misalignment, which is common in allergic disease patients."

KEY POINTS FROM DAN MURPHY

- 1) Chiropractors and other medical practitioners have presented evidence that there is a relationship between vertebral deformities and sympathetic segmental disturbances secondary to visceral disease and immune dysfunction.
- 2) These authors report on the positive results of a controlled study of the correction of vertebral misalignments in patients with atopic dermatitis and bronchial asthma.
- 3) These authors claim there is a relationship between visceral and immune dysfunction and chronic vertebral misalignments.
- 4) Correction of spinal misalignments improved the itching symptoms of chronic atopic dermatitis patients by 88%.
- 5) Correction of spinal misalignments improved the skin appearance of chronic atopic dermatitis patients by 72%.
- 6) These improvements were only observed in patients that were treated daily for 3 – 6 months.
- 7) Among atopic dermatitis patients who did not receive spinal correction treatments every day, there was no treatment improvement.
- 8) Allergy symptoms improved in over 70% of patients who received spinal misalignment treatment.

- 9) "Vertebral misalignment is a common and characteristic finding in patients with atopic dermatitis and bronchial asthma."
- 10) "According to the results of this study chronic nerve compression secondary to vertebral deformity in the thoracic region had a significant effect on the immune function of atopic dermatitis and bronchial asthma patients."
- 11) "The adrenal cortex functions of these allergy patients may be in the chronic decline condition with this chronic nerve compression."
- 12) Patients with allergic diseases, atopic dermatitis and bronchial asthma, hay fever, etc., have a high ratio of "chronic vertebral misalignments." **[Important]**
- 13) Chronic allergy symptoms improve with the reduction of chronic vertebral misalignment.
- 14) "As it was surmised that allergies, such as very severe atopic dermatitis and bronchial asthma, have a strong connection to severe chronic vertebral misalignment."
- 15) "The muscular system that supports and maintains the spine was in noticeably poor condition in atopic dermatitis and bronchial asthma patients alike."
- 16) The chronic vertebral misalignment causes:
- A) "Chronic narrowing of the intervertebral foramina."
 B) "Chronic neurotripsy." [nerve rubbing]
 C) The "reciprocal innervation between the brain and the organs is continually and severely impacted."
- 17) "Because of the chronic neurotripsy, caused by the intervertebral narrowing of the foramina due to changes in the 8th to the 10th thoracic vertebra in a forward and downward direction, the immune function related to innervation of organs, such as the adrenal glands and the adrenal cortex, is chronically and severely impaired." **[Very Important]**
- 18) The "continuation of this chronic and severe condition" results in a high probability that the following chronic conditions are present:
- A) "The presence of chronic and various reciprocal innervation disorders between the brain and the adrenal glands."
 B) "The presence of chronic hormone secretion dysfunctions of the adrenal glands based on the reciprocal innervation between the brain and the adrenal glands."
 C) "The presence of a chronic dysfunction of the adrenal glands and adrenal cortex themselves caused by blood circulation dysfunction in the adrenal glands."
 D) Altered cytokine production.

- E)) Increased inflammation.
- F)) Altered production of IgE.
- G)) Altered activation of mast cells.
- H)) Altered activation of helper T2-cells and eosinophils.

[Recall, Th2 {Thymus helper-2} responses produce IgE {immunoglobulin E} which attach to mast cells causing degranulation {the membrane falls apart} of the mast cell membrane, dumping chemicals {like histamine} that cause atopic disorders {atopic dermatitis, bronchial asthma, etc.}].

19) Atopic dermatitis and bronchial asthma patients are often medically treated with corticosteroids, antihistamines, and immunosuppressants, which can actually aggravate their symptoms in the long run.

20) "It can be said that the fundamental treatment of these diseases [atopic dermatitis and bronchial asthma] is the improvement of the chronic narrowing of the intervertebral foramina secondary to vertebral distortion." **[Important]**

21) The patient must "improve the muscles supporting the vertebral column and to engage in sufficient sleep and rest, active stress reduction, and nutrition to improve basic physical strength (immunity and resistance) for the recovery from the disease."

22) The method of correction of the chronic vertebral misalignments and improvements in the chronic narrowing of the intervertebral foramina used in this study were developed at the University of Tokai (Tokyo, Japan), Graduate School of Engineering, Department of Human Engineering. It involved both segmental and postural corrections.

23) "Regarding the frequency and duration of the treatment to correct changes in the vertebrae caused by vertebral misalignment, it is noted that the results of comparative studies on atopic dermatitis and bronchial asthma patients showed that daily corrective treatment for three to six months of the course of treatment had the best improvement effect." **[Very Important]** "It was necessary to give daily stimulation for at least three to six months to the autonomic nerves indirectly to obtain sure treatment effect."

24) "X-ray of the patient's thoracic vertebrae showed that intervertebral foramina between the 8th and 10th vertebrae were much narrower than those between the other vertebrae." Also, the curvature of the spine was flattened.

25) "In all the patients, there was disappearance of the posterior curve of the spine that peaks at the 7th thoracic vertebrae. The slight shift in thoracic vertebrae 8th to 10th causes narrowing of the vertebral foramina conduit for nerves related to adrenal cortex function."

26) "The changes in the vertebrae caused by the vertebral misalignment are present from the 7th or 8th thoracic vertebra to the 10th thoracic vertebra."

27) The vertebral misalignment described in this paper were:

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28) This study "confirmed that over 98% of allergy patients had the vertebral misalignment."

29) The chronic vertebral misalignments were found only in the thoracic vertebra region that corresponded to the innervation of the adrenal glands (T8-T10).

30) These authors believed that the improved symptoms with the correction of the vertebral misalignments were due to altered function of the autonomic sympathetic nerves. "On the occasion of correction of vertebral misalignment, we must consider the nature and the functions of the autonomous nerves."

[Very Important]

31) "As a result of this multi-faceted study investigation, we re-confirmed that these vertebral deformities and the allergic diseases linked together strongly."

32) "Based on the test results, we can state that the only treatment that can demonstrate fundamental effects on allergies such as atopic dermatitis, bronchial asthma, and pollinosis will have the potential to treat spinal curvature disappearance. In other words, we can state that a treatment that cannot fundamentally treat spinal problems cannot fundamentally improve conditions such as atopic dermatitis, bronchial asthma, pollinosis, and allergic coryza."

33) "There is a high possibility that allergic disease relates to the innervation of organs that relate to the immune function which are affected by changes in the vertebrae caused by the chronic vertebral misalignment."

34) "There is an expectation of alleviation, and prevention of development of symptoms by correcting the changes in the vertebrae caused by chronic vertebral misalignment, which is common in allergic disease patients."