

CASE STUDY

Upper Cervical Chiropractic Care of a Patient with Post Concussion Syndrome, Positional Vertigo and Headaches

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Abstract

Objective: To outline clinical changes after chiropractic care in a patient with vertigo, headaches and post concussion syndrome.

Clinical Features: A 23-year-old female presented for chiropractic care five months after a slip and fall that resulted in a concussion. The patient presented with symptoms of vertigo and headaches consistent with post concussion syndrome. The patient had a longstanding history of headaches that were exacerbated by the concussion and a new complaint of positional vertigo that occurred immediately following the trauma. Radiographs ruled out fracture but were remarkable for upper cervical subluxation.

Intervention and Outcomes: The patient received upper cervical specific chiropractic care through the technique of Atlas Orthogonal Chiropractic. Atlas Orthogonal protocol of upper cervical palpatory scanning and supine leg length analysis were used to indicate when an upper cervical adjustment was to be administered. Radiographic analysis was used to determine the misalignment and the exact vectors of the upper cervical adjustment.

Conclusions: Clinical findings suggest that upper cervical vectored manipulation was beneficial in this patient with vertigo, headaches and post concussion syndrome.

Key Words: *Post Concussion Syndrome, Headache, Vertigo, Chiropractic, Upper Cervical Chiropractic, Vertebral subluxation.*