

# PARKINSON'S DISEASE

## IMPROVEMENT IN PARKINSON'S DISEASE SYMPTOMS FOLLOWING UPPER CERVICAL CHIROPRACTIC CARE: A CASE STUDY & SELECTIVE REVIEW OF THE LITERATURE JOURNAL OF UPPER CERVICAL CHIROPRACTIC RESEARCH ~ JUNE 5, 2017 ~ PAGES 22-30 RUSSELL FRIEDMAN, D.C. & SARAH POWERS, D.C.

### OBJECTIVE:

The objective of this case study is to report on the positive health outcomes of a 76-year-old male patient with a diagnosis of Parkinson's disease undergoing chiropractic care for correction of vertebral subluxations and postural distortions.



### CLINICAL FEATURES:

A 76-year-old male presented with a primary complaint of Parkinson's disease, with symptoms of right-sided tremors, memory loss, balance issues, constant leg pain, occasional poor circulation, and decreased muscular strength. The patient was formally diagnosed with Parkinson's disease by his neurologist.

### INTERVENTION & OUTCOMES:

A quantum Spinal Mechanics 3 (QSM3) Method utilizes upper cervical radiographs, a supine leg check, digital posture measuring device and grid. The algorithm was applied in the correction of upper cervical vertebral subluxations and postural distortions. Positive outcomes included a more balanced atlas (C1) vertebrae in orthogonal positioning and an improvement in postural distortions over a course of six months. The patient's signs and symptoms of Parkinson's disease decreased.

### CONCLUSION:

This case presents evidence of a link between vertebral subluxations, postural distortions and the expression of Parkinson's disease and advocates that more research needs to be conducted for healthcare providers to best serve patients.

## SUBLUXATION CONNECTION

*Significant long term neurological disorders, like the symptoms of Multiple Sclerosis or Parkinson's can respond to chiropractic care and assessments. Changes in the regulatory nerves (dysautonomia) can be measured as the symptoms improve. The removal of nerve interference doesn't guarantee a specific alleviation of symptoms but instead works to improve the overall function of the nervous system over time.*

