



## Remission of Post Polio Syndrome following by spinal manipulation

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**Abstract:** After the introduction of effective vaccines in the 1960s, paralytic poliomyelitis (polio) was almost eliminated as a public health problem in most countries. After recovery from the acute attack of poliomyelitis virus, it was believed that the survivors would remain stable in their health conditions. However, the eradication of the disease does not end healthcare management of polio victims. Many survivors are at risk of developing a disorder that affects survivor years after recovery from an initial polio attack, post-polio syndrome (PPS). We report a case of PPS who seek chiropractic therapy for the complaints of recently developed weakness and neuromusculoskeletal symptoms 60 years after polio recovery. Understanding the pathophysiology of PPS will help clinicians to provide accurate diagnosis and management of improvement of quality of life (QOL). Poliovirus has high resistance to the environment. It is a type of human enterovirus species, and mainly affects children under 5 years of age. It is highly contagious and spreads through the fecal-oral route. The severity of the disease relies heavily on the site of viral target. The polio virus diverts the translation machinery and inhibits cellular protein synthesis. As majority of poliovirus is confined in the gastrointestinal tract of human system, poliovirus infection is mostly subclinical with minimum or no symptoms.



### Publications :

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28th World Congress on Nursing Care, March 30-31, 2021

**Abstract Citation:** [Eric Chun Pu Chu, Nursing care congress 2021, 28th World Congress on Nursing Care, March 30-31, 2021, Remission of Post Polio Syndrome following by spinal manipulation,](#)