Kinesio tape management for superficial radial nerve entrapment: A case report

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This case report describes a 41-year-old female who presented with complaints of pain in the lower lateral one-third of the right radius extending into the first web space. Tinel's sign reproducing the patient's symptoms was elicited 8.2 cm above the radial styloid process. Physical diagnosis for superficial radial nerve entrapment was made based on a positive upper limb neural tension test 2a along with symptom reproduction during resisted isometrics to brachioradialis and wrist extensors. A potential first time successful conservative Kinesio tape (KT) management for entrapment of the superficial radial nerve is described in this report. An immediate improvement in grip strength and functional activities along with a reduction in pain and swelling was noted in this patient after the first treatment session, which was maintained at a 6 month follow-up. A model is proposed describing the mechanism by which KT application could be used to intervene for nerve entrapment interfaces.