

Review of: "Kinesiotaping for the treatment of haematomas in haemophiliacs: a case control study"

christian carulli¹

¹ University of Florence

Potential competing interests: The author(s) declared that no potential competing interests exist.

Comments on Manuscript: Qeios, CC-BY 4.0

Kinesiotaping for the treatment of haematomas in haemophiliacs: a case control study

The authors present their experience on the use of kinesiotaping, associated to functional rehabilitation and CO2 laser therapy, in the healing process of muscle haematoma in subjects with Haemophilia. The topic is surely interesting and the paper is simple and well organized, but it should be improved in some aspects before publication.

General comments:

- An English review is deserved, starting from the Abstract to improve the quality of the paper for the scientific community (for instance, "cryotherapy" is better and more appropriate than "ice packs"; "pain" is better than "painful symptoms")

Specific comments:

- In the Introduction section, the authors should report also the possible evolution of muscle haematoma in pathologic ossification, also at risk of symptoms and further complications needing also surgical removal (useful for this purpose the reading of and reference to: *Carulli C & Pasta GL, Miscellaneous - Chapter 20, pages 276-287. In Christian Carulli, The management of haemophilic arthropathy - Bentham Science Publisher 2017 - ISSN: 2468-6662; ISBN-13: 978-1681083544*)

- In the M&M section, exclusion criteria are not properly clear. "..... altered states of consciousness (*dementia?*) and the presence of permanent deformity and/or stiffness (*a haemophilic subject with a severe coagulative deficiency usually has a permanent/progressive deformity*)" should be perhaps and better reported as: "*inability to express an informed consent and severe joint deformity or stiffness*"?

- In literature there are at least other two sources dealing with the kinesiotaping and Laser application in persons with Haemophilia, that should be commented and reported in the references list:

1) *De Martis F & Tani M, - Chapter 9, pages 119-132. In Christian Carulli, The management of haemophilic*

arthropathy – Bentham Science Publisher 2017 - ISSN: 2468-6662; ISBN-13: 978-1681083544

2) Elnaggar RK. Pulsed Nd:YAG laser: effects on pain, postural stability, and weight-bearing pattern in children with hemophilic ankle arthropathy. *Lasers Med Sci* 2020; 35: 1075-1083

- An interesting point to be discussed is the potential difference of an upper limb vs. a lower limb muscle haematoma: they surely have different implications due to the weightbearing activity that may induce a prolonged healing period with respect to a non-weightbearing extremity

In conclusion, I think that the paper should be accepted for publication after minor revisions.