## Comments on the article 'Tennis elbow'

Dimitrios Stasinopoulos<sup>1,2</sup>



Shoulder & Elbow 2019, Vol. 11(1) 71 © The Author(s) 2018 Article reuse guidelines: sagepub.com/journals-permissions DOI: 10.1177/1758573218812217 journals.sagepub.com/home/sel

SAGE

Dear Editor,

I read very carefully the article 'Tennis elbow' by Keijsers et al.<sup>1</sup> and I would like to report the following:

- 1. They used the term Tennis Elbow (TE). The term TE categorises the condition according to cause and location of the symptoms. However, the term is misleading since it implies that the condition is caused by playing tennis when in fact it is used to describe pain and functional impairment resulting from a wide variety of activities such as hammering, gardening and secretarial work. However, Lateral Elbow Tendinopathy (LET) seems to be the most appropriate term to use in clinical practice because terms such as TE make reference to inappropriate etiological, anatomical and pathophysiological terms. The term LET will be used in this commentary.<sup>2</sup>
- 2. It is proposed that the natural history of LET is between 6 months and 2 years, which has since been widely cited. In contrast, recent reports have shown that symptoms may persist for many years and recurrence is common. Therefore, LET is not self-limiting and is associated with ongoing pain and disability in a substantial proportion of sufferers.<sup>3</sup>
- 3. They did not mention that the lateral elbow is a common site of referred pain from the cervical and upper thoracic spine and periscapular soft tissues.
- 4. The authors mentioned nothing about the isometric exercises and rotator cuff and scapular muscle strengthening.<sup>4</sup>
- 5. Exercise programme as a sole treatment approach does not respond positively in patients with LET. Thus, physiotherapists combine exercise programme with other physiotherapy techniques like physical modalities – electrotherapy (low level laser, transcutaneous electrical nerve stimulation, pulsed electro-

magnetic field therapy, therapeutic ultrasound, diathermy and iontophoresis), manual therapy (Cyriax manual technique, Mulligan manipulation, mobilization of the neck, manipulation of the wrist and radial neural mobilization), external support (taping/bracing), soft tissue techniques (deep transverse friction, IASTM and ERGON technique) and acupuncture.<sup>5</sup> The authors should discuss the effect-iveness of the above-recommended treatments.

A debate on the above topics is most welcome as existing aspects may contribute to misunderstanding and inappropriate treatment.

## **Declaration of Conflicting Interests**

The author(s) declared no potential conflicts of interest with respect to the research, authorship, and/or publication of this article.

## Funding

The author(s) received no financial support for the research, authorship, and/or publication of this article.

## References

- 1. Keijsers R, de Vos RJ, Kuijer P, van den Bekerom M, et al. Tennis elbow. *Shoulder Elbow*. Epub ahead of print 18 September 2018. DOI: 10.1177/1758573218797973.
- 2. Stasinopoulos D and Johnson MI. "Lateral elbow tendinopathy" is the most appropriate diagnostic term for the condition commonly referred-to as lateral epicondylitis. *Med Hypotheses* 2006; 67: 1400–1402.
- 3. Bisset LM and Vicenzino B. Physiotherapy management of lateral epicondylalgia. *J Physiother* 2015; 61: 174–181.
- Dimitrios S. Eccentric training of wrist extensors is not enough in the management of lateral elbow tendinopathy. An expert opinion. *Ann Orthop Rheumatol* 2017; 5: 1084.
- 5. Dimitrios S. Lateral elbow tendinopathy: evidence of physiotherapy management. *World J Orthop* 2016; 7: 463–466.

<sup>&</sup>lt;sup>1</sup>Physiotherapy Program, Department Health Sciences, School of Sciences, European University of Cyprus, Nicosia, Cyprus

<sup>&</sup>lt;sup>2</sup>Cyprus Musculoskeletal and Sports Trauma Research Centre (CYMUSTREC), Nicosia, Cyprus

**Corresponding author:** 

Stasinopoulos Dimitrios, Physiotherapy Program, Department Health Sciences, School of Sciences, European University of Cyprus, 6, Diogenes Str. Engomi, 1516 Nicosia, Cyprus. Email: d.stassinopoulos@euc.ac.cy