

**Taekwondo: Martial art, Combat sport and Olympic discipline. A scoping review.****José Luís Sousa<sup>1,2</sup>, Pedro Sobreiro<sup>2,3</sup>, Hugo Louro<sup>2,3,4</sup>, José Martin Gamonales<sup>1</sup>**

<sup>1</sup>Research Group in Optimization of Training and Performance Sports. Faculty of Sport Science. University of Extremadura. Cáceres, Spain <sup>2</sup>Sport Sciences School of Rio Maior - Polytechnic Institute of Santarém. Santarém, Portugal <sup>3</sup>Research Center in Sport Science, Health and Human Development, Vila Real, Portugal <sup>4</sup>Life Quality Research Centre, Santarém, Portugal

**Introduction:** Taekwondo has its origin in oriental martial arts, a modern combat sport and recently as an Olympic discipline with of 70 million worldwide practitioners (World Taekwondo Annual Report, 2020). The main of this paper was to conduct a scoping review literature associated to observational methodology as a technology innovation method using to gauge athlete's performance. The Observational Methodology uses a designs tools and software analysis, combining field formats and category systems, to gather information with multiple variables that interact in the sport context. **Objectives:** This study aim is carry out a scoping review in of the observational methodology as a method in sport, to estimate and improve the athlete's performance. **Methodology:** The PubMed electronic database was explored for published studies, through February 18th 2021, according to the keywords: "taekwondo" and "observational methodology". Inclusion criteria were: i) mention at least some of the characteristics of observational methodology, ii) only articles, iii) Full text available, and iii) Written in Spanish, English or Portuguese. The connectors (And-Y-E) were used. **Results:** The sample considered articles papers. A total of 486 were found the first search step, using the first term selected. After including the second keyword 14 documents were selected, but only nine documents (n=9) meet the inclusion criteria established, were related to the motor behavior, motor development, sport medicine, and sport and exercise physiology discipline. **Conclusion:** This study gathers the recently scientific articles on taekwondo associated with observational methodology. For future research, it is suggested to explore the tenets that, elite athletes, attribute to performance indicators.

**Palavras-Chave:** Martial Arts; Taekwondo; Olympic Sport; Observational Methodology.