

Widespread use of meldonium among elite athletes, research shows

March 9 2016

The use of meldonium—the substance taken by tennis star Maria Sharapova—is widespread among elite athletes, reveals research published online in the *British Journal of Sports Medicine*.

The findings, which draw on information volunteered by athletes and individual medical teams, and lab data on anti-doping tests from the Baku 2015 European Games, indicate that up to 490 athletes may have been taking meldonium during the competition.

The research, which was carried out on behalf of the European Olympic Committees, contributed to the World Anti-Doping Agency (WADA) taking the decision to ban the use of meldonium in competitive sport as of January 1 this year.

Earlier this week, Ms Sharapova admitted that she had tested positive for meldonium after the introduction of the WADA ban.

The research highlights that at the time of the Baku 2015 European Games:

- 13 medallists or competition winners were taking meldonium
- 66 athletes tested positive for meldonium
- Meldonium was detected in athletes competing in 15 of the 21 sports in competition
- Meldonium use was significantly under reported by [athletes](#)

More information: Meldonium use by athletes at the Baku 2015 European Games, *British Journal of Sports Medicine*, 2016.

Read the research in full here: blogs.bmj.com/bjism/2016/03/08/...ailed-drug-test-case

Provided by British Medical Journal

Citation: Widespread use of meldonium among elite athletes, research shows (2016, March 9) retrieved 26 April 2024 from

<https://medicalxpress.com/news/2016-03-widespread-meldonium-elite-athletes.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.