



# Inviting Koji Murofushi as a Professor Establishing a New Sports Science Organization to Provide Total Care for Athletes

In October 2014, the TMDU established the Sports Science Organization, leveraging its strengths as a comprehensive medical university. We invited Koji Murofushi, a top athlete with a doctorate in physical education, to teach at the Institute, with the aim of creating Japan's first university center combining sports dentistry with sports science.



At the press conference. From the left, Kazuyoshi Yagishita (Director of the Center for Sports Medicine and Sports Dentistry), Yujiro Tanaka (Executive Director for Hospital Administration and International Health Care Partnerships and future director of the Organization), President Yasuyuki Yoshizawa, Koji Murofushi, Kazunori Kihara (Director, Medical Hospital), Kazuaki Kanda (Deputy Director, Hospital Administration General Affairs)

**WITH THE TOKYO** Olympics and Paralympics scheduled for 2020, an environment providing total care is required, from the prevention and treatment of injuries, to the development of training for improved performance.

At TMDU, the Sports Medicine Center of the Medical Hospital and the Sports Dentistry of the Dental Hospital offer diagnosis and treatment for athletes. In addition, the Department of Sports Medicine and Dentistry in the Graduate School of Medical and Dental Sciences conducts research into the effects of sport and exercise on the body.

This is the foundation on which the Sports Science Organiza-

tion was established. Koji Murofushi is a global athlete who has a doctorate in physical education and who conducts research into sports science and theory. We have invited him as a professor and the Director of the Sports Science Center to oversee the total care required by athletes.

The Sports Science Organization comprises two centers, the Sports Medicine and Dentistry Center and the Sports Science Center. The Sports Medicine and Dentistry Center supports athletes with a medical approach focused on athletic rehabilitation through the treatment of sports injuries and disorders. Treatment and rehabilitation aims to achieve quick recovery,



The athletic rehabilitation room at the Sports Medicine Center of the Medical Hospital. After checking core muscular strength and right and left balance, we develop the optimum rehabilitation program.



The signing ceremony and commemorative symposium held for the 2020 Tokyo Olympics and Paralympics University Partnership Agreement. TMDU along with 552 universities and junior colleges nationwide, signed the agreement.

as well as to enable patients to return to competition at a higher level of performance. The Center has departments devoted to sports medicine and dentistry and Japan's biggest hyperbaric oxygen therapy facility representing the strengths of TMDU.

Meanwhile, the Sports Science Center conducts motion analysis research, developing training programs and training athletes. We plan to use Prof. Murofushi's experience as an Olympic gold medalist and his theoretical expertise to support the achievement of high levels of performance.

TMDU is also participating in the University Partnership

- We have established the Sports Science Organization with the aim of creating Japan's first university center combining sports dentistry with sports science.
- The Sports Science Organization was established in October 2014. Koji Murofushi, is currently active as a top athlete and with a doctorate in physical education, he also has significant achievement in research. We invited him to teach at the Organization and serve as the Director of the Sports Science Center. From August 1, he has been working to set up the Organization in the capacity of specially-appointed professor.
- In inviting Prof. Murofushi, we introduced a cross-appointment system\* with Mizuno Corporation.
- In addition to undertaking Olympic education based on the University Partnership Agreement with the Tokyo Organising Committee of the Olympic and Paralympic Games, we are providing medical support to top athletes with the aim of becoming the official hospital for the Olympics.
- We provide the total care that athletes require including prevention of disorders and injuries, consultation, athletic rehabilitation, nutrition, training to enable athletes to return to competition, and training for improved performance.

\*Cross-appointment system: A system that enables personnel to receive a salary from another institution, maintaining their status and performing work at each institution. The proportion of work at each institution is codified by agreement, and each institution pays a salary accordingly.



Agreement of nationwide universities and junior colleges for the Tokyo Olympics and Paralympics. While pursuing Olympic education, we will also establish a care organization.

"We expect that the scientifically based mental and physical training provided by the Sports Science Organization will have benefits going beyond the care of athletes to include improved motor function for the elderly, the maintenance of quality of life, and preventive medicine," says Yujiro Tanaka, Executive Director for Hospital Administration and International Health Care Partnerships. We will use our achievements in the field of sports to contribute to advances in public health.