

**【Mitsuru Fukui】**

As an extension of the dietary survey method I have been working on, I'm examining methods for preparing a database, and as an application of this, I'm conducting research on the possibility of a simple smartphone-based frequency survey method and its evaluation method.

The Japanese Society for Spine Surgery and Related Research is conducting a project to verify and expand "the Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ)" and "the Japanese Orthopaedic Association Cervical Myelopathy Evaluation Questionnaire (JOACMEQ)". As a participant in the development, I'm supporting these projects. At the same time, a project to formulate new evaluation criteria is also underway, and I'm conducting joint research as a place to apply the evaluation score creation method.

In clinical research, statistical methods are still sometimes used without being fully understood. I would like to support the implementation of high-quality clinical research by presenting appropriate statistical methods along with analytical methods. In addition, I believe that applying quality control methods to data management will enable me to provide higher quality clinical data, and I will also work to spread the use of quality control methods.

Through my work as lecturers at universities and lecturers at corporate seminars. I will strive to improve my statistical education skills. In particular, I will consider educational methods to respond to the revision of mathematics and information education at high schools and universities and to the provision of statistical skills required by society.