

Centers of Advanced Medicine Stable Isotope Medical Application Center

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General Summary

In the fundamental research, we started the study using the diabetes model rat. About fasting ^{13}C -glucose breath test (FGBT), we performed the proof experiment using the model animal. We observed the process when liver insulin resistance is brought about by animal model of diabetes mellitus.

As clinical studies, we promoted the practical use study of the stable isotope breath test.

1. A liver insulin resistance evaluation by FGBT for circulatory diseases, and diabetes mellitus.
2. Promoted the practical use of the examination for ^{13}C breath test for stomach discharge function (simple method).

Publications

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