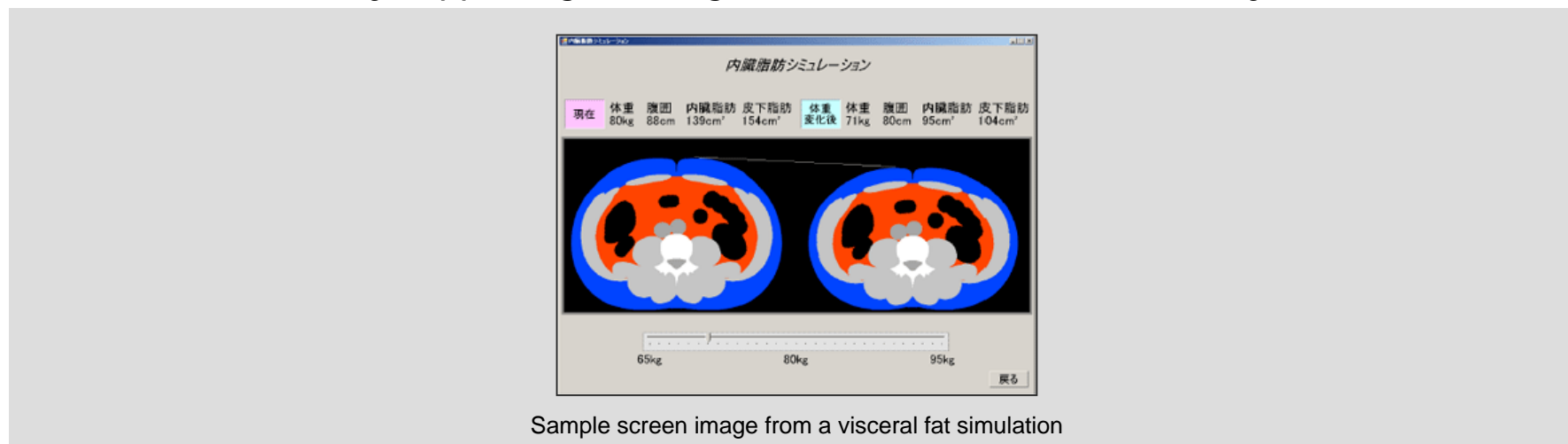


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Visceral fat simulation technique visualizing fat accumulation from body weight and abdominal circumference Effectively supporting health guidance focused on metabolic syndrome



Sample screen image from a visceral fat simulation

Hitachi, Ltd. has developed a technique to estimate the amount of visceral fat accumulated based on body weight and abdominal circumference, and display the result as a simulated abdominal cross section. This technique not only enables the current amount of visceral fat to be visualized by inputting weight and abdominal circumference but can also estimate future visceral fat accumulation and abdominal circumference with changing body weight. It will not only support the specific health guidance addressing metabolic syndrome which was introduced as a compulsory procedure in annual health check-ups from April 2008, but provide a simple and effective tool to increase awareness of the importance of improving lifestyle habits as well as contributing to the spread of the health guidance procedure.

A part of this technology will be presented at the 29th Annual Meeting of Japan Society for the Study of Obesity (JASSO) to be held from 17th - 18th October 2008 in Oita-shi, Oita, Japan.