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Improvement in insulin resistance after gastric bypass surgery is correlated with a decline in plasma 2-hydroxybutyric acid

Prapimporn Chattranukulchai Shantavasinkul ,
Michael J Muehlbauer , James R Bain , Olga R Ilkayeva ,
Damian M Craig , Christopher B Newgard , Laura P Svetkey ,
Svati H Shah , Alfonso Torquati

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Highlight

This is the first report of a decline in 2-hydroxybutyric acid in response to bariatric surgery. Correlation between insulin resistance and 2-hydroxybutyric acid suggests the utility of the latter as an excellent biomarker for tracking glycemic improvement, and offers further insight into the pathways that control diabetes.

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