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Eight weeks consumption of high-fat diet promotes Mesenteric fat deposition when compared to other rat diets (AbstractView.aspx?PID=2022-15-2-13) (https://scholar.google.co.in/scholar?q=Eight weeks consumption of high-fat diet promotes Mesenteric fat deposition when compared to other rat diets)

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ABSTRACT:
Metabolic syndrome is a grouping of several medical conditions plaguing the modern world today. Excessive visceral fat is strongly associated with abdominal obesity which is one of the characteristics of metabolic syndrome. In general, an unbalanced, rich diet plays an important role in the proliferation of adipocytes. Our aim is to observe which diet contributes to the deposition of visceral fat such as the mesenteric fat. For eight weeks, thirty-five Sprague Dawley rats were divided into five groups and were fed five different types of diets. The five diets are normal rat chow, high sugar, high starch, high protein and high fat rat (palm oil-based) feed formula. Besides the formularized rat feeds, the rats were given tap water ad libitum. The result showed high fat diet promotes mesenteric fat proliferation when compared to other rat feed formula. Present study showed that high-fat diet promotes mesenteric fat proliferation when compared to other diets.

Keywords: Diet () Enzymes () High-fat () Mesenteric fat () Palm oil. ()

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