

Reviewer's report

Title: Diacylglycerol oil for the metabolic syndrome

Version: 2 **Date:** 16 November 2007

Reviewer: Francisco Tinahones

Reviewer's report:

Diacylglycerol oil for the metabolic síndrome

Major points

There are only three references in the literature cited for the authors. However, in the last two years, the authors would find more than twenty reports including diacylglycerol oil as keywords

Minor points

Mechanism of improvements in postprandial.....

1. The second paragraph is very redundant

Effects of DAG oil on lipid and glucose metabolism

1. In this section, it is not included any date about the metabolism of glucose

2. The reference 19 is overly developed.

3. The authors do not contribute enough results to conclude that the DAG would be a promising therapeutic item for the metabolic syndrome. The authors only mentioned the decrease of triacylglycerides against DAG

The mechanism of anti-obesity by DAG intake.

1. The authors should know that a higher postprandial energy expenditure does not mean antiobesity

Conclusion

The authors do not support enough data to improve the metabolism of glucose

What next?: Accept after minor essential revisions

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.