Reviewer’s report

Title: Distribution of Ultrasonic Radiofrequency Signal Amplitude Detects Lipids in Atherosclerotic Plaque

Version: 2 Date: 18 April 2008

Reviewer: Anca Irina Corciu

Reviewer’s report:

This is an interesting and clearly written study about the intraplaque distribution of integrated backscatter as a hallmark of lipidic component.

I have only minor suggestions:

1. In the title, please be more descriptive; for instance, “Distribution of Ultrasonic Radiofrequency Signal Amplitude Detects Lipids in Atherosclerotic Plaque of Coronary Arteries: an ex-vivo study”.

2. On page 5, please add some information on the characteristics of patients from whom the specimens were obtained. : how many patients, age and gender, cause of death and risk factors, which coronary segment was sampled.


Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

'I declare that I have no competing interests'