Reviewer's report

Title: A Prospective Evaluation of the Safety and Efficacy of the TAXUS Element Paclitaxel-Eluting Coronary Stent System for the Treatment of De Novo Coronary Artery Lesions: Design and Statistical Methods of the PERSEUS Clinical Program

Version: 2 Date: 19 November 2009

Reviewer: Ulrich Sigwart

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It seems an industry driven exercise to show the advantages of thin strut technology (which, incidentally, has been used previously with even thinner struts). The units for reporting strut thickness and other dimensions should be metric throughout, not a mix between metric and imperial units (see appendix B, table 1).

I cannot see the point of being so restrictive with left main lesions. Newer guidelines are more relaxed about this.

The power calculations seem to be fairly conservative and do not call for any changes.