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Safety and Efficacy of Aneurysm Treatment with the WEB

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AJNR Am J Neuroradiol published online 21 September 2017

http://www.ajnr.org/content/early/2017/09/21/ajnr.A5387

This information is current as of April 9, 2024.

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We read with interest the article by Pierot et al¹ regarding the results of the WEBCAST 2 study. We do, however, take issue with the statement that it confirms the "high" efficacy of the device. They reported a complete occlusion rate of 54% and "adequate" occlusion, including neck remnants, in 80% of 50 aneurysms (93% unruptured). The complete occlusion rate from neurosurgical clipping in the largest randomized controlled trials of coiling versus clipping of ruptured aneurysms was 96%. ^{2,3} A meta-analysis of clipping of unruptured aneurysms showed a complete occlusion rate of 92%. ⁴ Although the decision to proceed with endovascular therapy in WEBCAST was made by a multidisciplinary team, it may be wise to temper one's enthusiasm for novel endovascular devices when open neurosurgical treatment may offer a truly "high" level of efficacy.

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http://dx.doi.org/10.3174/ajnr.A5387