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Management of multiple aneurysms

Gerardo Antonio Reyes-Jiménez^{1,2,3} and Orlando Tortolero-Barrón¹

¹Hospital De Especialidades, Mexico

²Centro Medico Nacional La Raza, Mexico

³Instituto Mexicano del Seguro Social (IMSS), Sonora, Mexico

Introduction & Aim: The treatment of multiple aneurysms (MA) constitutes a challenge. The objective of this study is to establish the frequency and results in patient's carriers with MA treated by microsurgery and/or neurological endovascular therapy (NET) in the hospital of specialties at National Medical Center La Raza.

Patients & Methods: It is an ambispective, descriptive and longitudinal study that includes patients carriers of MA treated at the National Medical Center La Raza from 1st March 2009 to 30th April 2014.

Results: 62 patients' carriers of 151 aneurysms were treated. According to the type of treatment, 30 patients (49%) were included in the surgical group (GQ), 25 (40%) in the endovascular group (GE) and 7 (11%) in the combined group (GC). The number of aneurysms was distributed this way: 69 aneurysms (46%) in the GQ, 61 (40%) in the GE and 21 aneurysms (14%) in the GC. At GQ, it was not possible to exclude all their aneurysms on 21% of the patients, while it was feasible in only 27%. In all GE patients (40%), the exclusion of all aneurysms was achieved. The GC, meaning surgical cases that were not completed by NET, formed 11% of the cases. At GQ, there was a rate of 6% of complications; meanwhile at GE it was 0.5%.

Biography

Gerardo Antonio Reyes-Jiménez has completed his PhD at the age of 26 years from UAG Medical School and now he is a Neurosurgeon Specialist in Vascular Cerebral Urgency Surgery. He has published more than 10 papers in reputed journals.

garj_85@hotmail.com

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