
Fuat Arian Abelló

Coordinador de la Unidad de Patología Vascular. Servicio de Neurocirugía. Hospital Universitario Vall d'Hebron.

Unidad de Investigación de Neurotraumatología y Neurocirugía (UNINN). Institut de Recerca Vall d'Hebron.

Universitat Autònoma de Barcelona.

Paseo Vall d'Hebron 119-129

08035 Barcelona

Correo electrónico: arikan@neurotrauma.net

Web: www.neurotrauma.com

Curriculum vitae:

Formación:

Licenciado en Medicina i Cirugía por la Universidad de Barcelona (15 de Julio de 1998).

Especialista en Neurocirugía. MIR durante el periodo del 28 de junio de 1999 hasta el 27 de junio de 2004. Servicio de Neurocirugía del Hospital Universitario Vall d'Hebron.

Doctor en cirugía. Departamento de cirugía. Universitat Autònoma de Barcelona. Calificación de excelente "Cum Laude" (27 de abril de 2015).

Acreditado por el Departamento de Medio Ambiente y Vivienda la reunión de los requisitos necesarios para ejercer las funciones de personal investigador de acuerdo con lo que se establece en el decreto 214/1997, de 30 de julio, en las que se regula la utilización de animales para la experimentación y para otras finalidades científicas.

Acreditado el día 26 de noviembre de 2007 por el Consejo de Seguridad Nuclear según resolución de 26 de Septiembre de 1995 y, de acuerdo con lo que establece el Real Decreto 1891/1991 (arts. 13 y 14) y el apartado séptimo de la resolución del Consejo de Seguridad Nuclear de 5 de noviembre de 1992, para dirigir instalaciones de rayos X con fines diagnósticos, en el ámbito médico (Registro RX/ND/1598/07).

Acreditado el día 26 de Mayo de 2010 en el Segundo Nivel en Protección radiológica orientado a la práctica Intervencionista (expediente número I03908/2010).

Sociedades científicas:

Colegio de Médicos de Barcelona.

Sociedad Española de Neurocirugía. Miembro activo desde la reunión anual del día 13 de mayo de 2005.

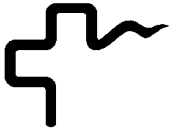
Miembro del Grupo de Trabajo de Patología Vascular de la Sociedad Española de Neurocirugía. 2006

Coordinador del Grupo de Trabajo de Patología Vascular de la Sociedad Española de Neurocirugía. 2010

Ensayos clínicos:

Investigador principal en: MISTIE III. A phase III, randomized, open-label, 500-subject clinical trial of minimally invasive surgery plus rt-PA in the treatment of intracerebral hemorrhage. (IND 8523)

Investigador principal en: CLEAR III-Clot Lysis: Evaluating Accelerated Resolution of Intraventricular Hemorrhage. Phase III study (numero de protocolo IVH06 y número EudraCT 2008-006916-39)



Investigador principal en: AC-054-302, CONSCIOUS-3, A prospective, multi-center, double-blind, randomized, placebo-controlled, parallel-group study to assess the efficacy and safety of clazosentan in reducing vasospasm-related morbidity and all-cause mortality in adult patients with aneurysmal subarachnoid hemorrhage treated by endovascular coiling.

Coordinador y coinvestigador en: AC-054-301, CONSCIOUS-2, A prospective, multi-center, double-blind, randomized, placebo-controlled, parallel-group study to assess the efficacy and safety of clazosentan in reducing vasospasm-related morbidity and all-cause mortality in adult patients with aneurysmal subarachnoid hemorrhage treated by surgical clipping

Coinvestigador en el ensayo clínico: a Randomised, Double-Blind, Placebo-Controlled, Multi-centre, Dose Escalation Study to Evaluate the Safety and Preliminary Efficacy of Recombinant Factor VIIa (NovoSeven®/NiaStase®) in subjects with Brain Contusions. Trial phase 2 (Trial ID:F7CBI-1600) Unidad de Neurotraumatología. Hospital Universitario Vall d'Hebron. Barcelona 2004.

Coinvestigador en el ensayo clínico: A Phase III Multicenter of Intratumoral/Interstitial Therapy with TransMIDTM Compared to Best Standard of Care in Patients with Progressive and/or Recurrent, Non-Resectable Glioblastoma Multiforme. Protocol KSB311R/CIII/001 (aprobación CEIC 0425/07/2003). Hospital Universitario Vall d'Hebron. Barcelona 2004.

Coinvestigador en el ensayo clínico Dexanabinol for Traumatic Brain Injury. Pharmos Corporation. International Phase III Clinical Trial involving over 60 medical centers for evaluation of a new neuroprotective agent for severe traumatic brain injury. NCT00129857. Unidad de Neurotraumatología. Hospital Universitario Vall d'Hebron. Barcelona. 2001-2004.

Publicaciones:

Torné R, Rodríguez-Hernández A, Arikan F, Romero-Chala F, Cicuendez M, Vilalta J, Sahuquillo J. Posterior Fossa Arteriovenous Malformations: Significance of Higher Incidence of Bleeding and Hydrocephalus. Clinical Neurology and Neurosurgery 04/2015; DOI: 10.1016/j.clineuro.2015.04.003

Arikan F, Vilalta J, Torne R, Noguer M, Lorenzo-Bosquet C, Sahuquillo J: Rapid resolution of brain ischemic hypoxia after cerebral revascularization in moyamoya disease. Neurosurgery 76:302-312, 2015

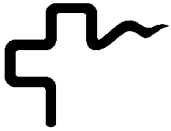
Lagares A, Munarriz PM, Ibanez J, Arikan F, Sarabia R, Morera J, et al: [Variability in the management of aneurysmal subarachnoid haemorrhage in Spain: Analysis of the prospective multicenter database from the Working Group on Neurovascular Diseases of the Spanish Society of Neurosurgery.]. Neurocirugia (Astur), 2015.

Torné R, Rodríguez-Hernández A, Bernard T, Arikan F, Vilalta J, Sahuquillo J. Subarachnoid hemorrhage in systemic lupus erythematosus: Systematic review and report of three cases. Clinical Neurology and Neurosurgery 128 (2015) 17-24.

Sahuquillo J, Merino MA, Sanchez-Guerrero A, Arikan F, Vidal-Jorge M, Martinez-Valverde T, et al: Lactate and the lactate-to-pyruvate molar ratio cannot be used as independent biomarkers for monitoring brain energetic metabolism: a microdialysis study in patients with traumatic brain injuries. PLoS One 9:e102540, 2014.

Arikan F, Vilalta J, Torne R, Chocron I, Rodriguez-Tesouro A, Sahuquillo J: [Intraoperative monitoring of oxygen tissue pressure: Applications in vascular neurosurgery]. Neurocirugia (Astur) 25:275-285, 2014.

Arikan F, Vilalta J, Noguer M, Olive M, Vidal-Jorge M, Sahuquillo J: Intraoperative monitoring of brain tissue oxygenation during arteriovenous malformation resection. J Neurosurg Anesthesiol 26:328-341, 2014.



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Vilalta J, Arikan F, Torne R (2013) [The decalogue on the arteriovenous malformation]. *Neurocirugia (Astur)* 24: 229-230.

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Sarabia R, Lagares A, Fernandez-Alen JA, Arikan F, Vilalta J, Ibanez J, et al: Idiopathic subarachnoid hemorrhage: a multicentre series of 220 patients. *Neurocirugia (Astur)* 21:441-451, 2010.

Arikan F, Vilalta J, Romero FJ, Porta I, Martinez-Ricarte FR, Sahuquillo J: [Primary decompressive craniectomy in patients with aneurysmal subarachnoid hemorrhage. Results of a pilot study in 11 cases.]. *Neurocirugia (Astur)* 21:452-460, 2010.

Vilalta J, Arikan F: [Who controls non-surgical arteriovenous malformations of the brain in Spain?]. *Rev Neurol* 50:511-512; author reply 512, 2010.

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Arikan F, Vilalta J, Minoves T, Moncho D, Vilalta A, Moguer M, et al: [Detection of episodes of ischemic tissue hypoxia by means of the combined intraoperative neurophysiologic monitoring with the tissue oxygenation monitoring in aneurysm surgery.]. *Neurocirugia (Astur)* 19:113-120, 2008.

Sahuquillo J, Arikan F, Poca MA, Martinez-Ricarte F: Intra-abdominal pressure: the neglected variable in selecting the ventriculoperitoneal shunt for treating hydrocephalus. *Neurosurgery* 62:143-150, 2008.

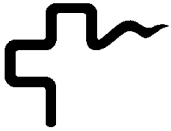
Vilalta J, Arikan F, Noguer M, Olive M, Lastra R, Martinez-Ricarte F: [Outcomes of surgical treatment in 100 patients with arteriovenous malformations of the brain]. *Rev Neurol* 44:449-454, 2007.

Sahuquillo J, Arikan F (2006). Sahuquillo, Juan. ed. "Decompressive craniectomy for the treatment of refractory high intracranial pressure in traumatic brain injury". *Cochrane Database of Systematic Reviews* (1): CD003983.

Riveiro M, Baguena M, Sahuquillo J, Poca MA, Monforte R, Dominguez L, Robles A, Arikan F, Garnacho A: Tratamiento del Traumatismo Craneoencefálico Grave en una unidad de Cuidados Intensivos, in Zurriaga V, Laborda E (eds): Daño cerebral Adquirido. Criterios de valoración. Longares Impresos y Revistas, S.A., 2005, pp 5-14.

Poca MA, Sahuquillo J, Mataro M, Benejam B, Arikan F, Baguena M: Ventricular enlargement after moderate or severe head injury: a frequent and neglected problem. *J Neurotrauma* 22:1303-1310, 2005.

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Ibáñez J, Sahuquillo J, Poca MA, Arikan F, Rubio E. La incorporación de la revista neurocirugía al journal of citation reports: análisis bibliométrico de la producción científica neuroquirúrgica española. *Neurocirugía* 2000; 11: 329-350.