

## PUBLICATIONS

### Journal Papers

1. Parameswaran PK, Dai D, Hong DY, Urban M, Manlove L, Venkatachalem S, **Cebal JR**, Kallmes D, Kadirvel R, "Downstream vascular changes after flow diverting device deployment in a rabbit model", *J Neuroint. Surg.*, 2018 - accepted
2. Detmer F, Fajardo-Jimenez D, Mut F, Juchler N, Hirsch S, Bijlenga P, **Cebal JR**, "External validation of cerebral aneurysm rupture probability model with data from two patient cohorts" *Acta Neurochirurgica*, 2018 - accepted.
3. Berg P, Vos S, Saalfeld S, Janiga G, Bergersen AW, Valen-Sendstad K, Bruening J, Goubergrits L, Spuler A, Cancelliere NM, Steinman DA, Pereira VM, Chiu TL, Chun On Tsang A, Chung JB, **Cebal JR**, Cito S, Pallarès J, Copelli G, Csippa B, Paál G, Fujimura S, Takao H, Hodis S, Hille G, Karmonik C, Elias S, Kellermann K, Khan MO, Marsden AL, Morales HG, Piskin S, Finol EA, Pravdivtseva M, Rajabzadeh-Oghaz H, Paliwal N, Meng H, Seshadhri S, Shojima M, Sugiyama S, Niizuma K, Sindeev S, Frolov S, Wagner T, Brawanski A, Yi Q, Wu YA, Carlson KD, Daescu DD, Beuing O, "Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH) - Phase I: Segmentation", *Cardiovascular Engineering and Technology (CVET) 2018* (DOI: 10.1007/s13239/-018-00376-0) – in press
4. Detmer F, Chung BJ, Mut F, Slawski M, Hamzei-Sichani F, Putman C, Jimenez C, **Cebal JR**, "Development and internal validation of an aneurysm rupture probability model based on patient characteristics and aneurysm location, morphology, and hemodynamics", *Int. J. Comp. Assist. Radiol. Surg. (IJCARS)*, 2018 (DOI: 10/1007/s11548-018-1837-0) – in press
5. **Cebal JR**, Mut F, Gade P, Cheng F, Tobe Y, Frosen J, Robertson AM, "Combining data from multiple sources to study mechanisms of aneurysm disease: tools and techniques", *IJNMBE*, 2018 (DOI: 10.1002/cnm.3133) – in press
6. Chung BJ, Mut F, Putman C, Hamzei-Sichani F, Brinjiki W, Kallmes D, Jimenez C, **Cebal JR**, "Identification of hostile hemodynamics and geometries of cerebral aneurysms: a case-control study", *AJNR*, 2018 (DOI: 10.3174/ajnr.A5764) – in press.
7. Detmer FJ, Chung BJ, Mut F, Pritz M, Slawski M, Hamzei-Sichani F, Kallmes D, Putman C, Jimenez C, **Cebal JR**, "Development of a statistical model for discrimination of rupture status in posterior communicating artery aneurysms", *Acta Neurochirurgica*, 2018 (DOI: 10.1007/s00701-018-3595-8) – in press.
8. Brinjiki W, **Cebal JR**, "Hemodynamic characteristics of stable and unstable vertebrobasilar dolichoectatic and fusiform aneurysms" *JNIS 2018* (DOI: 10.1136/neurointsurg-2018-013756) – in press.
9. Durka M, Wong IH, Kallmes D, Pasalic D, Mut F, Jagani M, Blanco P, **Cebal JR**, Robertson AM, "A data driven approach for addressing the lack of flow waveform data in studies of cerebral arterial flow in older adults", *Phys. Meas.* 39(1):015006, 2018 (DOI: 10.1088/1361-6579/aa9f46).
10. Doddasomayajula R, Chung BJ, Mut F, Jimenez C, Hamzei-Sichani F, Putman C, **Cebal JR**, "Hemodynamic characteristics of ruptured and unruptured multiple aneurysms at mirror and ipsilateral locations", *AJNR*, 38(12), 2301-2307, 2017 (DOI: 10.3174/ajnr.A5397)
11. Chung BJ, Doddasomayajula R, Mut F, Detmer F, Pritz M, Hamzei-Sichani F, Brinjiki W, Kallmes D, Jimenez C, Putman C, **Cebal JR**, "Angioarchitectures and hemodynamics characteristics of posterior communicating artery aneurysms and their association with rupture status", *AJNR*, 38(11): 2111-2118, 2017 (DOI: 10.3147/ajnr.A5358).
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