

Microparticle

see [Extracellular vesicle](#)

Microparticles (MP) are small vesicular micro-molecules released by red and white [blood cells](#), [platelets](#) and [endothelial cells](#) that can change rapidly and specifically depending on the type of cellular insult. They may serve as useful tools to target a specific pool of [proteins](#) associated with the development of [cerebral vasospasm](#) (CV) post aSAH.

These and other proteins may be useful as reliable biomarkers to guide in stratifying patients into categories of risk to develop [cerebral vasospasm](#) (CV) post aSAH. These results will deepen our understanding of the mechanisms of cerebral vasospasm and potentially facilitate the development of safer and more effective therapies therapies for cerebral vasospasm ¹⁾

¹⁾

Przybycien-Szymanska MM, Yang Y, Ashley WW. Microparticle derived proteins as potential biomarkers for cerebral vasospasm post subarachnoid hemorrhage. A preliminary study. Clin Neurol Neurosurg. 2015 Dec 21;141:48-55. doi: 10.1016/j.clineuro.2015.12.012. [Epub ahead of print] PubMed PMID: 26736019.

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