

Relationship of Mean Platelets Volume with Ischemic Cerebrovascular Stroke

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Abstract : Platelets play a key role in the development of atherothrombosis, a major contributor of cardiovascular events. The contributor of platelets to cardiovascular events has been noted for decades. Mean platelets volume [MPV] is a marker of platelets size that is easily determined on routine automated haemograms and routinely available at low cost. Subjects with higher MPV have larger platelets that are metabolically and enzymatically more active and have greater prothrombotic potential than smaller platelets. In fact several studies have demonstrated a significant association between higher MPV and an increased incidence of cerebrovascular events and all-cause mortality.

Keywords : mean platelets volume (MPV), platelets, cerebrovascular stroke, cardiovascular events

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