

## CHAPTER 32

### MEDICAL SCIENCES NEUROLOGY

#### Doctoral Theses

01. YADAV (Hari Nath)  
**Assessment of the Vascular Risk Associations in Migraine and their Correlation with the Biomarkers of Endothelial Dysfunction.**  
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#### *Abstract*

Migraine is a common disabling disorder characterized by recurrent episodes of headache attacks. It is the third most prevalent medical condition globally and the second most disabling neurological disorder. Migraine with aura has been associated with other vascular diseases, including intracerebral hemorrhage (ICH), retinal vasculopathy, and vascular mortality. Several studies also found incidental infarct-like brain lesions in migraine patients. Besides these diseases mentioned above associations, some studies have shown that migraine patients also have an increased vascular risk profile, namely obesity, hypertension, dyslipidemia, metabolic syndrome, and various markers of increased atherosclerosis as compared to the general population. There are sparse data of studies that concurrently and comprehensively assessed the association of vascular risk factors and the biomarkers of endothelial dysfunction in migraine patients and studied their impact on migraine chronification and treatment.

#### *Contents*

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