

2. Research questions

The goal of this present study was to analyze patients who were admitted to the Neurological Department of the Charité Campus Benjamin Franklin with the diagnosis of acute vertigo of unknown origin. In these patients, who had undergone neurological and otological testing and a routine CT scan of the head before admission, the origin of vertigo remained unclear. The following was to be determined:

- (1) What is the diagnostic value of cranial MRI in these patients, i.e., how often can the etiology of vertigo be determined with cranial MRI in this setting?
- (2) What are the different etiologies of central vertigo defined by MRI?
- (3) Can patients with vertigo of unknown origin be classified on the basis of clinical information?