

The VRS are extensions of the subarachnoid space that accompany vessels entering the brain parenchyma. Widening of VRS often first occurs around penetrating arteries in the substantia perforata and can be seen on transverse MRI slices around the anterior commissure, even in young subjects. Another typical location of widened VRS is near the vertex of the brain, but with advancing age they can be seen anywhere in the white matter, basal ganglia, and hippocampus, especially when high resolution (using a 512 matrix) images are obtained. Their typical MRI appearance includes sharp demarcation and cerebral spinal fluid (CSF)-like signal on all sequences

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Last update: **2024/06/07 03:00**

