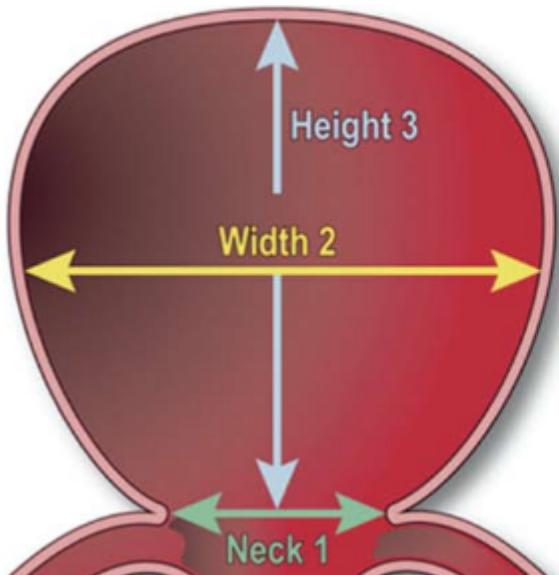


## Aspect ratio (AR)

Significant differences between [anterior circulation aneurysm](#) and [posterior circulation intracranial aneurysm](#) were found for the aspect ratio (AR) ( $1.91 \pm 0.8$  vs.  $2.75 \pm 1.8$ ;  $p = 0.02$ ) <sup>1)</sup>.



|   |                   |
|---|-------------------|
| $\frac{\text{Height 3}}{\text{Neck 1}}$ | = Aspect Ratio    |
| $\frac{\text{Width 2}}{\text{Neck 1}}$  | = Dome/Neck Ratio |
| $\text{Neck 1}$                         | = Neck Dimension  |

(AR = [aneurysm dome](#) depth/neck size)

h: [aneurysm dome](#) depth

n: neck size or wide

a: [parent artery](#) size

<sup>1)</sup>

Tykocki T, Kostkiewicz B. Aneurysms of the anterior and posterior cerebral circulation: comparison of the morphometric features. *Acta Neurochir (Wien)*. 2014 Sep;156(9):1647-54. doi: 10.1007/s00701-014-2173-y. Epub 2014 Jul 19. PubMed PMID: 25034507; PubMed Central PMCID: PMC4137168.

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