Automated Analysis of Intracranial Aneurysm Morphology and Dynamics from CTA Data

1. Nonlinear filtering of CTA data prior to intracranial aneurysm segmentation does not improve segmentation results significantly.
2. Intracranial aneurysm volume change over the cardiac cycle is significantly larger than volume change in surrounding healthy arteries.
3. Dynamic behavior of intracranial aneurysms can be studied using ECG-gated CT angiography.
4. Using all follow-up imaging time points in measuring intracranial aneurysm growth, improves measurement accuracy.
5. Imaging artifacts, such as neighboring clipped aneurysms, hamper intracranial aneurysm growth measurement significantly.
6. Telling part of the truth is a lie.
7. People are worth what they have achieved not what they are gifted.
8. Integration is a mutual process.
9. With the current state of the art in image analysis technology, human observers often can no longer act as gold standard.
10. A good scientist should be able to explain the most complicated topics in the simplest words.
11. Human beings are members of a whole
    In creation of one essence and soul
    (Saadi, Persian poet)

بنی آدم اعضای یکدیگرند
که در آفرینش ز یک گوهرند
(سعدی)

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