Neurovascular Examination (GENERAL)

Last updated: June 3, 2019

|  | **Tissue Damage** | **Vascular Anatomy** | **Hemodynamics** | **Biochemistry** |
| --- | --- | --- | --- | --- |
| CT | + |  |  |  |
| MRI | + |  |  |  |
| CTA |  | + |  |  |
| MRA |  | + |  |  |
| Angiography |  | + |  |  |
| MRS |  |  |  | + |
| PET |  |  | + | + |
| SPECT |  |  | + |  |
| 133Xe rCBF |  |  | + |  |
| Stable Xe-CT |  |  | + |  |
| OPG |  |  | + |  |
| Duplex Doppler |  | + | + |  |

OPG - oculopneumoplethysmography

**Arterial ulceration** cannot be detected accurately using any currently available imaging technique other than those that employ ***radioactive platelets***.

Bibliography for ch. “Neurovascular Examination” → follow this [link >>](HTTP://WWW.NEUROSURGERYRESIDENT.NET/Vas.%20Vascular/Vas.%20Bibliography.pdf)

[Viktor’s Notes℠ for the Neurosurgery Resident](http://www.neurosurgeryresident.net/)

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