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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