

<https://doi.org/10.47093/2218-7332.2025.1237-annex-c>

Supplementary materials

Supplement C. Video demonstrating how to practice the puncture of the foramen ovale.

Note: The video can be found here: <https://rutube.ru/video/4bc818065a7d7142c8e9c7f41cadfb7f/> (RuTube).

[0:05] Artificial intelligence assisted Gasserian ganglion puncture on a specially designed 3D model of the head

[0:06–0:10] Demonstration of the puncture of the Gasserian ganglion through the foramen ovale on a 3D model

[0:11–0:22] Deviation of the puncture needle trajectory towards the external opening of the carotid canal

[0:23–0:39] Deviation of the puncture needle trajectory towards the cavernous segment of the internal carotid artery through the foramen ovale

[0:40–0:57] Correct puncture needle trajectory to the Gasserian ganglion through the foramen