

侧, CT 显示双侧梗塞灶占 14. 29%, 系梗塞灶 20% 属于静止性病变即位于大脑功能静区或小梗塞未影响脑的功能或影响甚微而未引起注意之故^[13]。本组有症状而 CT 阴性占 16%, 11 例复查 6 例出现病灶, 说明随病程延长 CT 阳性率可提高, 但仍有阴性病例。Lindgren 也认为 25%~ 30% 的病人有症状, 初次检查, 甚至随访也不能显示病灶, 可能系皮质或脑干小病灶, CT 难以显示^[13], 对这部分病人 MRI 优于 CT。

参考文献

- 1 贺石林, 主编. 科研设计与统计方法. 湖南医科大学研究生处, 1992. 23.
- 2 Schuknecht B, Ratka M, Hofmann E. The "dese artery sign"—major cerebral artery thromboembolism demonstrated by computed tomography. *Neuroradiology*, 1990, 32: 98.
- 3 Tomura N, Uemura K, Inugami A, et al. Early CT Finding in Cerebral Infarction: Obscuration of the lentiform Nucleus. *Radiology*, 1988, 168: 463.
- 4 Truwit CL, Barkovich AJ, Marton AG, et al. Loss of the Insular Ribbon: Another Early CT Sign of Acute Middle Cerebral Artery Infarction. *Radiology*, 1990, 176: 801.
- 5 Horowitz SH, Zito JL, Donnarumma R, et al. Computed Tomographic Angiographic Findings Within the First Five Hours of Cerebral Infarction. *Stroke*,

1991, 22: 1245.

- 6 Yamane K, Shima T, Okada Y, et al. Acute Brain Swelling in Cerebral Embolization Model of Rats I: Epidural Pressure Monitoring. *Surg Neurol*, 1994, 4: 477.
- 7 Von Kummer R, Meyding-Lamade U, Forsting M, et al. Sensitivity and Prognostic Value of Early CT in Occlusion of the Middle Cerebral Artery Trunk. *AJNR*, 1994, 15: 9.
- 8 Bryan RN, Levy LM, Whitlow WD, et al. Diagnosis of Acute Cerebral Infarction: Comparison of CT and MR Imaging. *AJR*, 1991, 157: 585.
- 9 Mohr JP, Biller J, Hilal SK, et al. Magnetic Resonance versus Computed Tomography Imaging in Acute Stroke. *Stroke*, 1995, 26: 807.
- 10 Turnbull IW, Bannister CM. CT observations on the natural history of asymptomatic cerebral infarction following transient ischemic attacks. *Neurological Research*, 1985, 7: 190.
- 11 Tomura N, Inugami A, Kanno I, et al. Differentiation between cerebral Embolism and Thrombosis on sequential CT Scans. *Journal of Computer Assisted Tomography*, 1990, 14: 26.
- 12 张通, 王学淳, 杨全明, 等. 28 例脑梗塞同侧功能障碍 CT 分析. *临床放射学杂志*, 1991, 10: 205.
- 13 Lindgren A, Norving B, Rudling O, et al. Comparison of Clinical and Neuro-radiological findings in First Ever Stroke. A Population Based Study. *Stroke*, 1994, 25: 1371.

(1999-01-08 收稿)

外刊摘要

颈静脉球假肿块

杨敏洁 摘译 王承缘 校

颈静脉孔由颞骨和枕骨构成, 是位于岩椎内、下表面的一个窝。颈静脉孔由一个较小的前、内侧部分(神经部)和一个较大的后、外侧部分(血管部)构成, 两者之间由一完全或不完全的骨性间隔——颈静脉棘分开。神经部有舌咽神经(③)和走行于海绵窦和颈静脉球之间的岩下窦; 血管部有颈静脉球、迷走神经(⑩)和副神经(⑪)。这些颅神经位于颈静脉的内侧^[1]。

颈静脉孔和颈静脉球的大小变化极大, 但平均长 1.5 cm, 宽 1.0 cm。2/3 的人的右侧颈静脉孔较左侧大, 偶有颈静脉孔和颈静脉球相当大者, 这是一种解剖变

异, 在 MRI 上可能类似一个团块影。这是因为颈静脉球的静脉血流缓慢和湍流之故, 产生平扫时血流相关强化(flow-related enhancement)和注入造影剂后的强化^[2]。

参考文献

- 1 Caldemeyer KS, Mathews VP, Azzarelli R, et al. The jugular foramen: A review of anatomy, masses, and imaging characteristics. *RadioGraphic*, 1997, 17: 1123-1139.
- 2 Enrique P, Galdino V. Pseudomass in the jugular Bulb. *ENT—Ear, Nose & Throat J*, 1998, 77: 526.

(1999-01-07 收稿)

¹ 430016 武汉市儿童医院 CT 室

² 430030 武汉, 同济医科大学附属同济医院放射科