



Wolters Kluwer
Health

Lippincott
Williams & Wilkins

ARTICLE LINKS:

[Fulltext](#) | [PDF \(682 K\)](#)

Discrepancy Between the Dynamic Computed Tomography and T2* Magnetic Resonance Perfusion Imaging in Brain Tumors: A Report of 2 Cases.

Neuroimaging

Journal of Computer Assisted Tomography. 31(6):896-900, November/December 2007.
Li, Yao Dong PhD; Geng, Dao Ying MD; Zhang, Qing Bo PhD; Jiang, Sheng Hong

Abstract:

In this report, we separately performed dynamic computed tomographic perfusion and dynamic susceptibility contrast-T2* magnetic resonance perfusion imaging on 2 cases of brain tumors (one was a glioblastoma, and the other was a central neurocytoma). Between the 2 methods, we saw the discrepancy in values of cerebral blood volume and cerebral blood flow, differences in location of the maximal cerebral blood volume, and regions with abnormal increased cerebral blood flow besides the solid part of the tumors. Both differences and similarities of the 2 techniques with their advantages and pitfalls were analyzed in detail. The developing trends in the near future were also discussed.

(C) 2007 Lippincott Williams & Wilkins, Inc.

Copyright © 2007, Lippincott Williams & Wilkins. All rights reserved.
Published by Lippincott Williams & Wilkins.
[Copyright/Disclaimer Notice](#) • [Privacy Policy](#)
[XML](#) [Subscribe to our RSS feed](#)