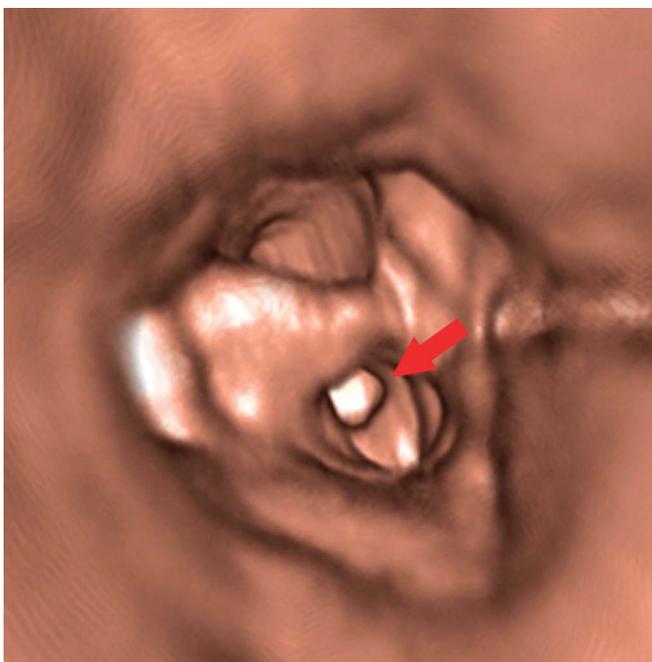


Inverse fly-through technique in ultrasound imaging of carotid stenosis



Figure Intravessel view of carotid bifurcation



Arrow indicates moderate internal carotid artery stenosis.

A 58-year-old man presented for re-evaluation of an asymptomatic right-sided carotid stenosis. Besides conventional ultrasound techniques, we could confirm a moderate right internal carotid artery stenosis by the innovative inverse fly-through technique (figure). Regular checkups were initiated.

There is growing evidence that 3D ultrasound may provide new possibilities for evaluating carotid disease.¹ With our technique, it is possible to view a carotid stenosis from all imaginable directions (video on the *Neurology*[®] Web site at www.neurology.org) and to provide patients with an easy-to-grasp presentation of their carotid stenosis. However, the reliability, validity, and clinical usefulness of the technique will require further study.

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Supplemental data at
www.neurology.org

Supplemental Data



1. Makris GC, Lavidia A, Griffin M, Geroulakos G, Nicolaidis AN. Three-dimensional ultrasound imaging for the evaluation of carotid atherosclerosis. *Atherosclerosis* 2011;219:377–383.

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