

# **Spontaneous tumor shrinkage in 1261 observed patients with sporadic vestibular schwannoma**

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- 1261 fulfilled these criteria.
- 48 patients demonstrated shrinkage  
(Last MRI size at least 3 mm smaller  
than largest observed size)

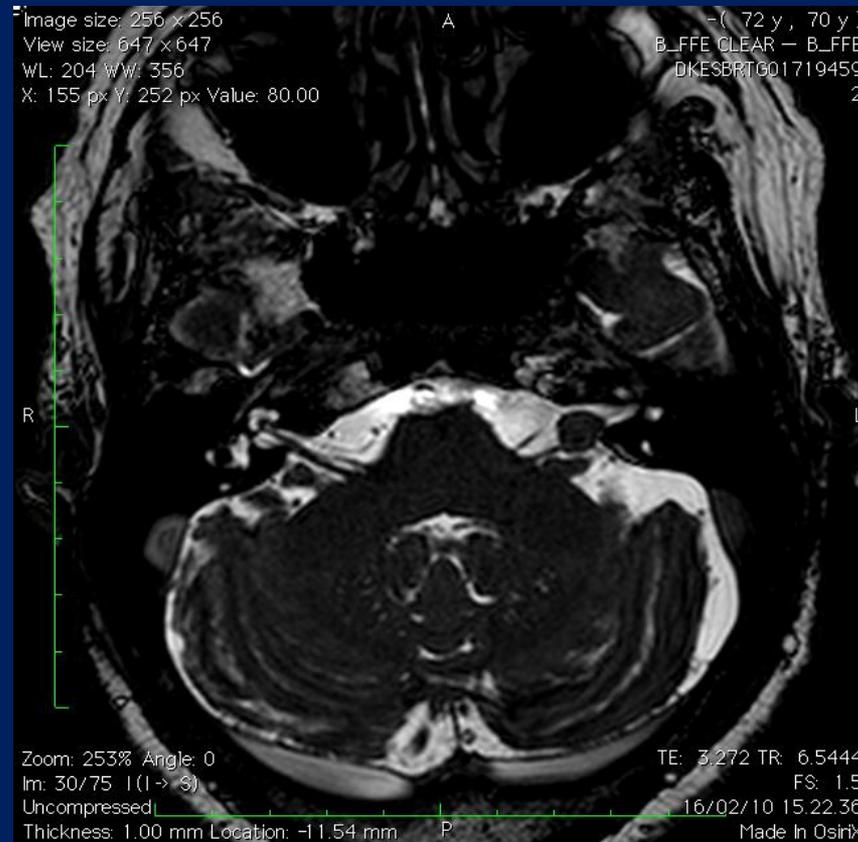
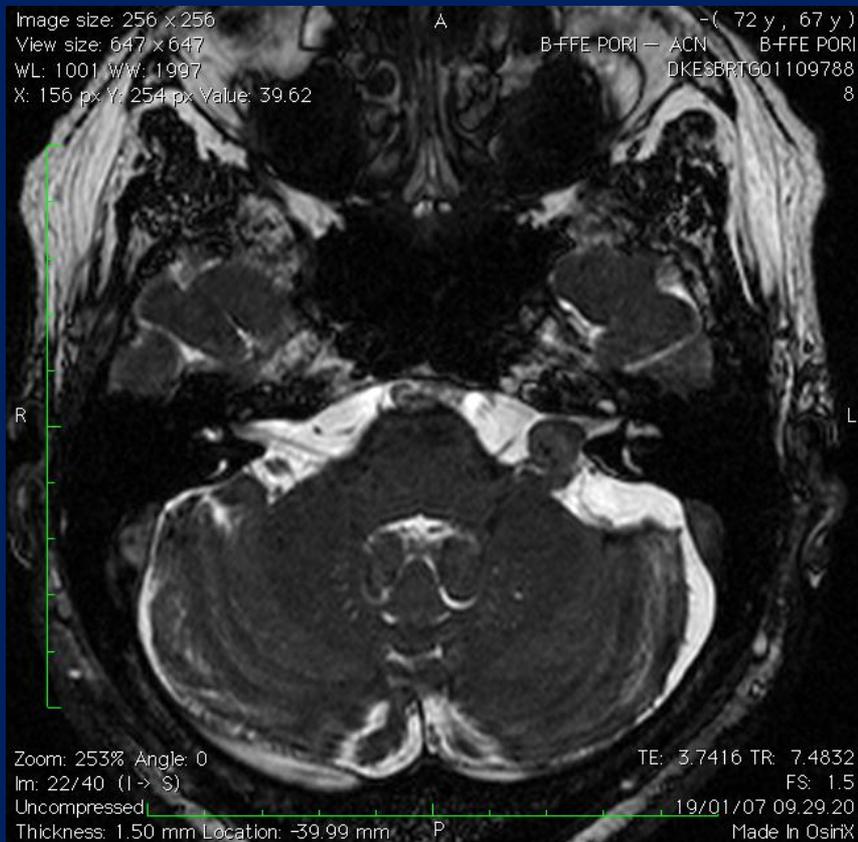
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- Mean age: 56.7 years, mean follow-up 9.5 years

# January 19, 2007

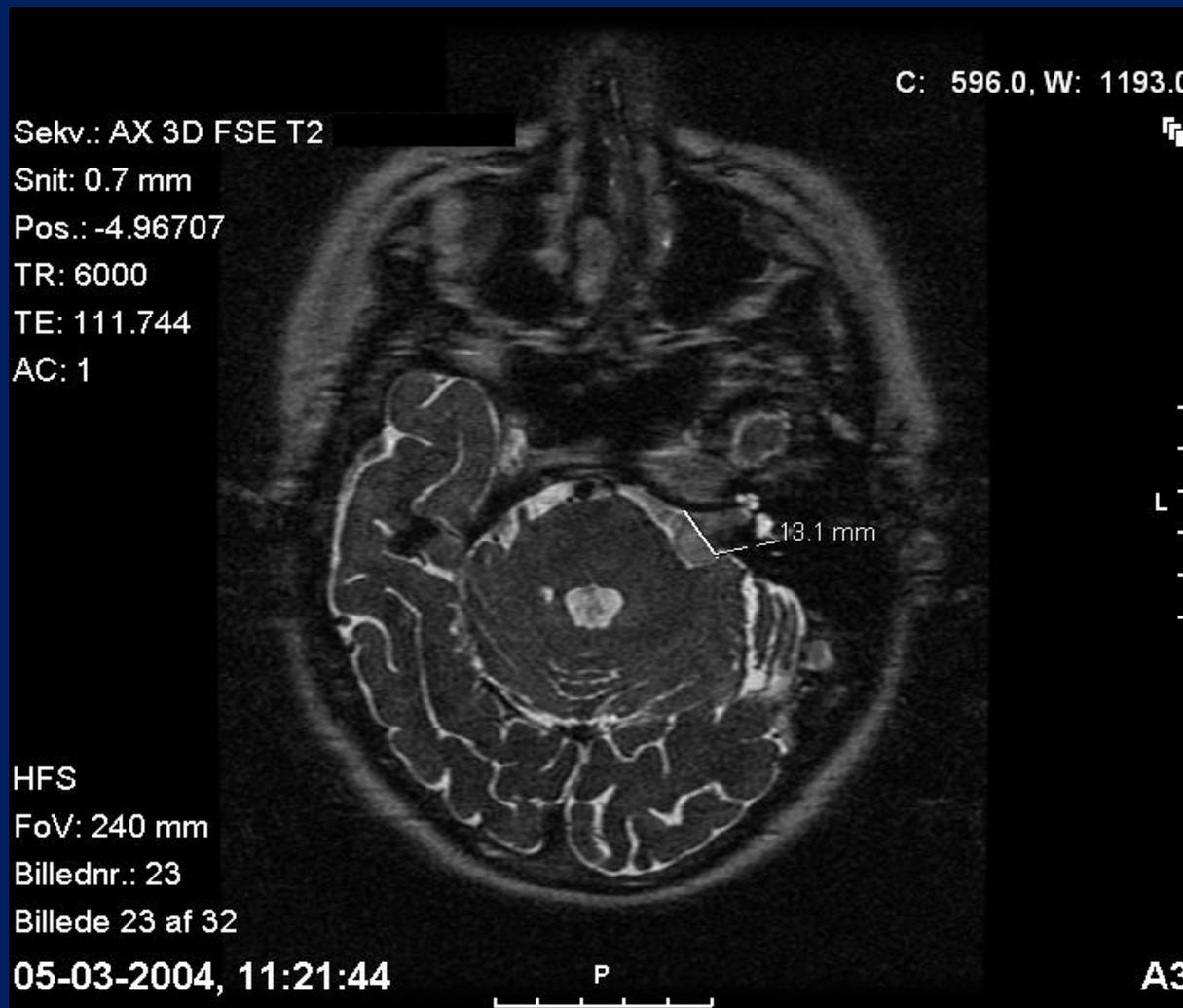
# February 16, 2010



# 02-09-2002



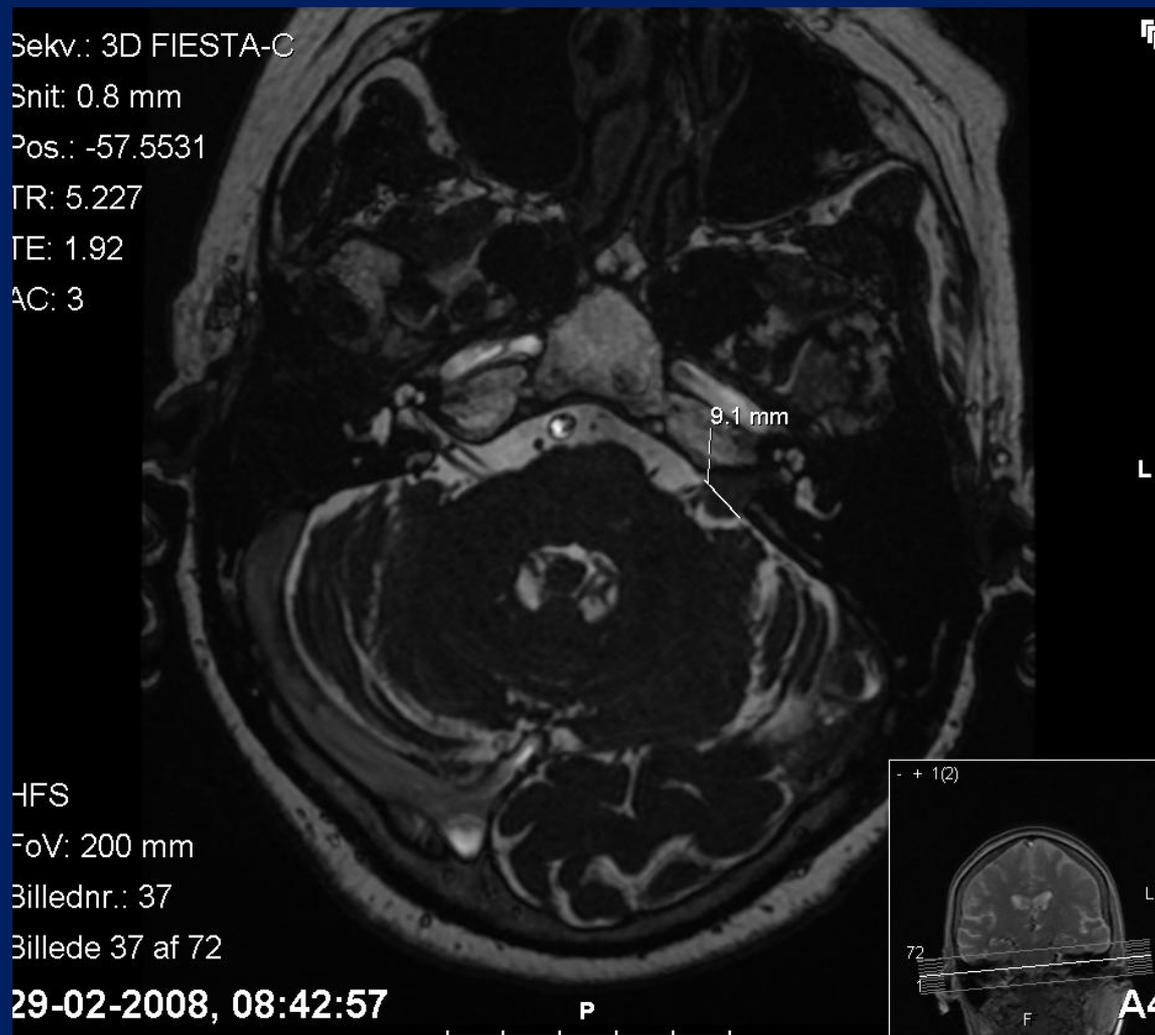
# 05-03-2004



# 05-04-2006



# 29-02-2008



# 08-02-2011



## Different tumor shrinkage patterns

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Pattern	n	%
Growth before shrinkage	14	29.2
Stability before shrinkage	26	54.1
Immediate shrinkage	8	16.7

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## Tumour shrinkage related to sex, age and size of the tumour at diagnosis

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	N.	%
Male / Female	23 / 24	4,1 / 4,0
<=60 / >60 years	27 / 20	4,3 / 3,5
<=10 / >10 mm	20 / 27	2,2 / 8,6

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# Conclusion

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- **4 % of Vestibular Schwannomas shrink**
- **No relation to sex or age**
- **Larger tumours shrink more often than small tumours**