



dr. louis hofmeyr

MRI surveillance protocol for non-growing vestibular schwannoma

	Intrameatal tumour	Extrameatal tumour < 20mm
First MRI		
6 months		MRI
1 year	MRI	MRI
2 years	MRI	MRI
3 years	MRI	MRI
4 years		
5 years	MRI	MRI
6 years		
7 years	MRI	MRI
8 years		
9 years		
10 years	MRI	MRI
11 years		
12 years		
13 years		
14 years		
15 years	MRI	MRI
Ongoing every 5 years	MRI	MRI

*Adapted from The King's College Hospital surveillance pathway **

A few basic points:

1. Follow the surveillance protocol meticulously
2. Inform the rooms of Dr Hofmeyr if there is a problem with obtaining an MRI
3. If any new or altered symptoms arise in the follow-up period, contact Dr Hofmeyr's rooms or visit the general practitioner
4. If possible, utilize the same imaging facility
5. Ask the radiologist to transfer the images to DR Hofmeyr's hospital or the facility of the referring physician and supply a disc with the images to the patient
6. Gadolinium must be administered unless otherwise specified
7. The radiologist should report possible growth, looking at all the previous MRI images
8. Measurements in mm should be given for length, width, and height
9. The radiologist should measure the intrameatal and extrameatal components separately and document them as such
10. According to international standards, growth is defined as an increase in size of 3 mm or more in any of the three measurements of only the extrameatal component
11. Comparative measurements for previous MRIs should be documented, as well as a comment on how the latest MRI compare with the first MRI
12. The radiologist should comment on any cystic changes in the tumour and compare it with the previous MRI

*Shapey J, Barkas K, Connor S, Hitchings A, Cheetham H, Thomson S, U-King-Im JM, Beaney R, Jiang D, Barazi S, Obholzer R, Thomas N. A standardised pathway for the surveillance of stable vestibular schwannoma. *Ann R Coll Surg Engl.* 2018 Mar;100(3):216-220. doi: 10.1308/rcsann.2017.0217. PMID: 29493353; PMCID: PMC5930097.

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