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**Neurosurgeon**

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**2<sup>nd</sup> opinion re Tamsin Colley**

Deep cerebella nuclei not visible on pre-op MRI. Two thirds to three quarters of cerebellum occupied by tumour. Therefore high degree of destruction of cerebellum.

Tumour likely to have been present since 2-3 months of age.

Myelination (growth of coverings) of nerve paths still occurring in first 12 months of life. So injury in this time does more damage than same injury later in life. Same tumour in an older child would have done less damage.

Not surprised by rate of progress. Tamsin might not walk for 12 more months.

Initial view of 3 month and 9 month post-op MRIs is that they look as good as could be expected.

Cathie pointed out that top view of 9 month MRI shows more fluid on one side than the other. This not immediately consistent with filling space left by removal of tumour.

Besser found that "interesting". Might be due to method of surgery. Vermis not split.

On re-examination of side views of MRIs at 3 and 9 months, he decided there might be some "mass effect". That is, there might be excess liquid creating pressure on brain. Brain matter does have a slightly concave look in 9 month MRI.

May be worth draining with "burr hole" surgery. Might need fenestration to connect to appropriate draining mechanism.

This surgery not major but recommended that Teo do it as Teo knows what has been done already inside her head.