The Neuro Image Quiz, Questions

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You are shown magnetic resonance images of a tion revealed normal skin overlying a slightly moveable,

2-year-old girl with an isolated, 2 × 2 cm subcutaneous firm mass with no pulsations, no bruits and no change

‘lump’. This mass was initially soft, but recently became in size following crying or jugular compression. Neuro-

firm. There are no other problems. Physical examina- logical examination was normal. Questions

Use the right hand side for your personal notes

1. What is the most likely diagnosis?
2. What structures are indicated by numbers 1-6?
3. What are the precise anatomic relationships between the lesion and these structures?
4. What precaution needs to be observed in treating this lesion?

The answers to the questions appear on pp. 278-279 of this issue.

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Fig. 1a. Midsagittal spin echo image obtained with short repetition and short echo delay times (i.e. T1-weighted image) b Coronal spin echo image obtained with long repetition and long echo delay times (i.e. T2-weighted image). This image is photographed abnormally 'light' to emphasize the superficial structures.

Fig. 2a-c. Explanations to figure 2a-c are given in the answers of this quiz.