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# ENDGAMES

WE WELCOME CONTRIBUTIONS THAT WOULD HELP DOCTORS WITH  
POSTGRADUATE EXAMINATIONS

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## CASE REPORT

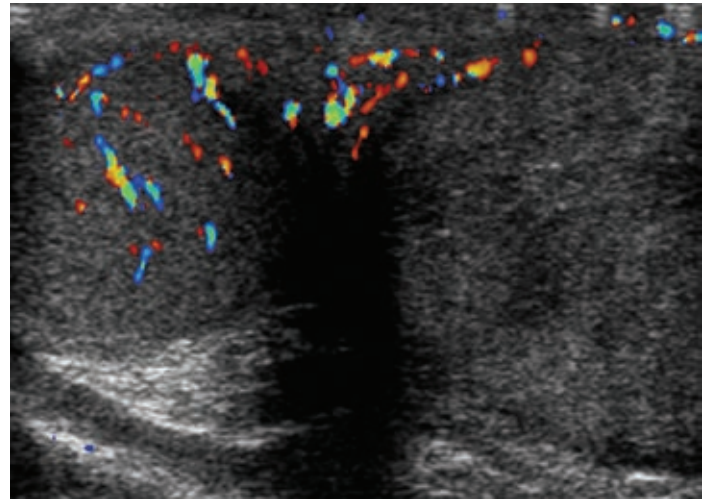
### An episode of transient neurological symptoms

A 72 year old, right handed man presented with weakness of the right hand and difficulty expressing himself, although he was able to comprehend those around him. The symptoms were maximal at onset and resolved spontaneously within one hour. He had a history of hypertension and type 2 diabetes mellitus. His only drugs were metformin and a thiazide diuretic. His neurological and general examinations were normal, and his blood pressure was 140/90 mm Hg. Computed tomography of his brain was normal.

#### Questions

- 1 What is the diagnosis?
- 2 Where is the lesion, and how might you confirm the diagnosis?
- 3 What are the immediate goals in evaluation and treatment?

Submitted by Colin B Josephson, Rustam Al-Shahi Salman, and Stephen J Phillips  
Cite this as: *BMJ* 2009;338:b616



## PICTURE QUIZ

### Testicular pain

A 17 year old man presented to the accident and emergency department with a seven hour history of sudden onset of left testicular pain and nausea. He did not have dysuria, urethral discharge, urinary frequency, rigors, or a history of scrotal trauma. He was not sexually active. On examination, his left testis was swollen and tender, and he had swelling and erythema of the scrotum. The contents of the right scrotum were normal. He was afebrile and urinalysis was normal. The patient underwent an ultrasound examination.

#### Questions

- 1 What is the likely diagnosis?
- 2 What are the differential diagnoses?
- 3 How should acute testicular pain be investigated and does colour Doppler ultrasound have a role?
- 4 What is the correct management?

Submitted by Gordon G Kooiman and Paul S Sidhu  
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## STATISTICAL QUESTION

### Very large sample sizes

If a very large random sample is taken in a population survey measuring children's height, which if any of the following statements are true?

- a) The mean is likely to increase
- b) The range is likely to increase
- c) The standard error of the mean is likely to increase
- d) The distribution will become more normal

Submitted by John Fletcher  
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## ON EXAMINATION QUIZ

### Gynaecology

The answer to this question and more questions on this topic are available from [www.onexamination.com/endgames](http://www.onexamination.com/endgames) until midnight on Wednesday.

This week's quiz is on gynaecology and is taken from the MRCOG examination.

Which of the following is true?

The risk of endometrial carcinoma is increased in a patient who has:

- An early menopause
- A granulosa cell tumour of the ovary
- A past history of habitual abortion
- Had immunosuppressive therapy
- Never had a cervical smear