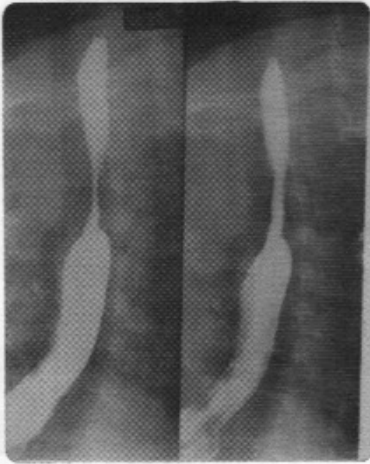


Investigations

Dr Wood arranges for Mr Caldwell to have a barium swallow. (See Topclass for greater resolution).



Mr Caldwell's barium swallow



Normal barium swallow

Because of these changes, Dr Wood explains his concerns and arranges for him to see a gastroenterologist, Dr Richard. After a few days Dr Richard sees Mr Caldwell and discusses with him the need to perform further investigations to assess the nature of his problem. (See images).

www.endoatlas.com/es_ge_01.html (Normal Oesophagus)

www.ufpe.br/gastro/atlas/esofago/esofago.html (Mr Caldwell's Oesophagus)

During the procedure, biopsies are taken at the level of the abnormality (A) and random biopsies (B) are taken of the distal oesophagus below the abnormality.

Biopsy (A) shows inflammation.

Biopsies (B) of the distal oesophagus reveal columnar epithelium with mild dysplasia.

Instructions

- Summarise your final hypothesis and mechanism for Mr Caldwell's presenting problem
- Describe your short-term and long-term management goals and formulate a management plan to achieve those goals. What are your options?

Additional questions to consider in your discussion

- What is the normal lining of the oesophagus?
- What is the significance of the findings in Biopsies(B)?