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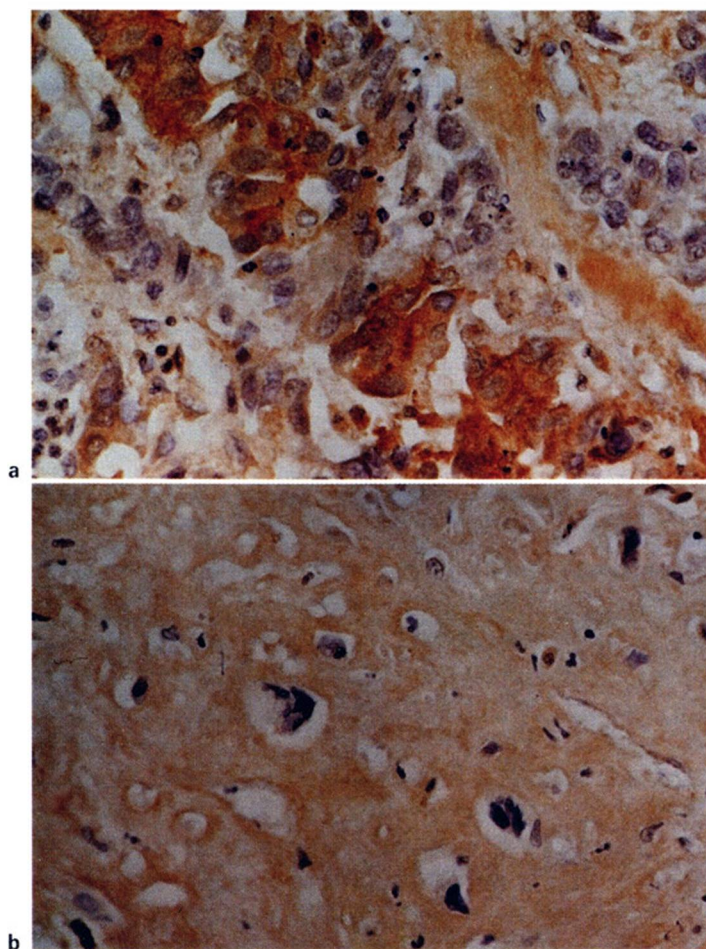


Fig. 2. a PAP is demonstrated in the cytoplasm of the carcinomatous component. Immunohistochemical staining of PAP. $\times 200$. **b** The sarcomatous component is negative for PAP. Immunohistochemical staining of PAP. $\times 200$.

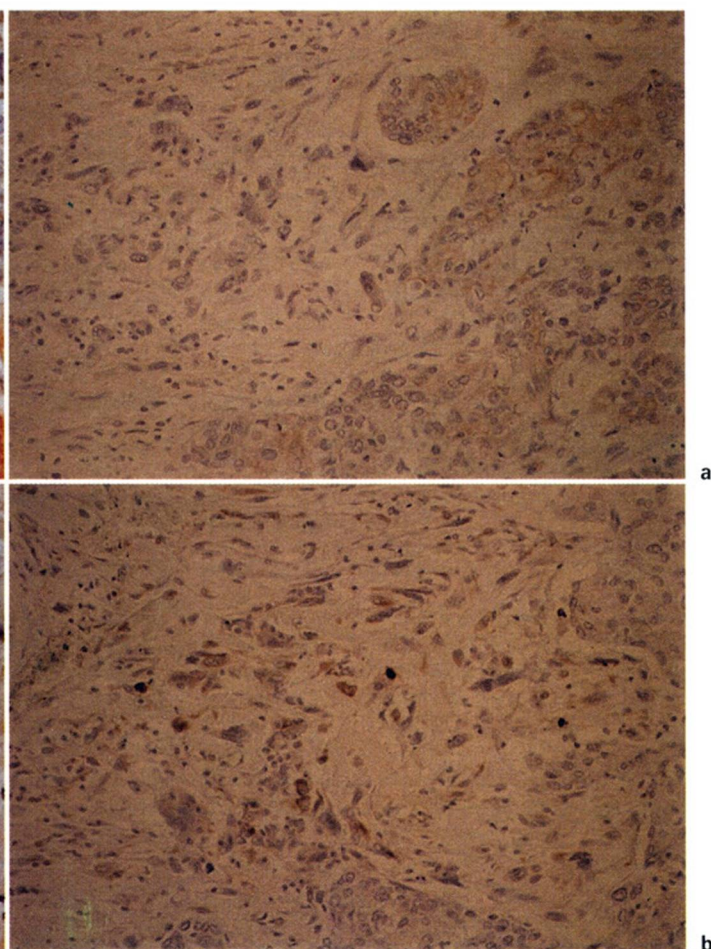


Fig. 3. a The carcinomatous component is positive for keratin. Immunohistochemical staining of keratin. $\times 100$. **b** The sarcomatous component is positive for vimentin. Immunohistochemical staining of vimentin. $\times 100$.

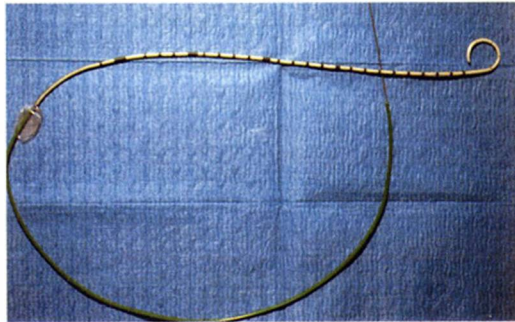


Fig. 1. A flap valve double-pigtail stent.

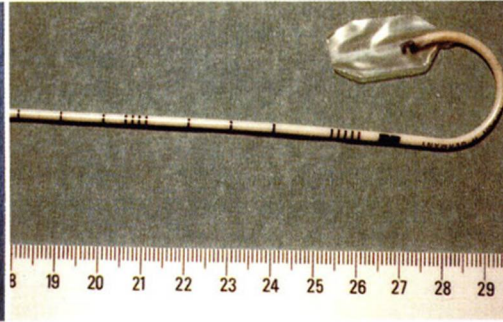


Fig. 2. The flap valve at the distal end of the stent.



Fig. 3. Cystogram of a patient with retroperitoneal fibrosis showing no vesicorenal reflux after placement of the flap valve double-pigtail ureteral stent.