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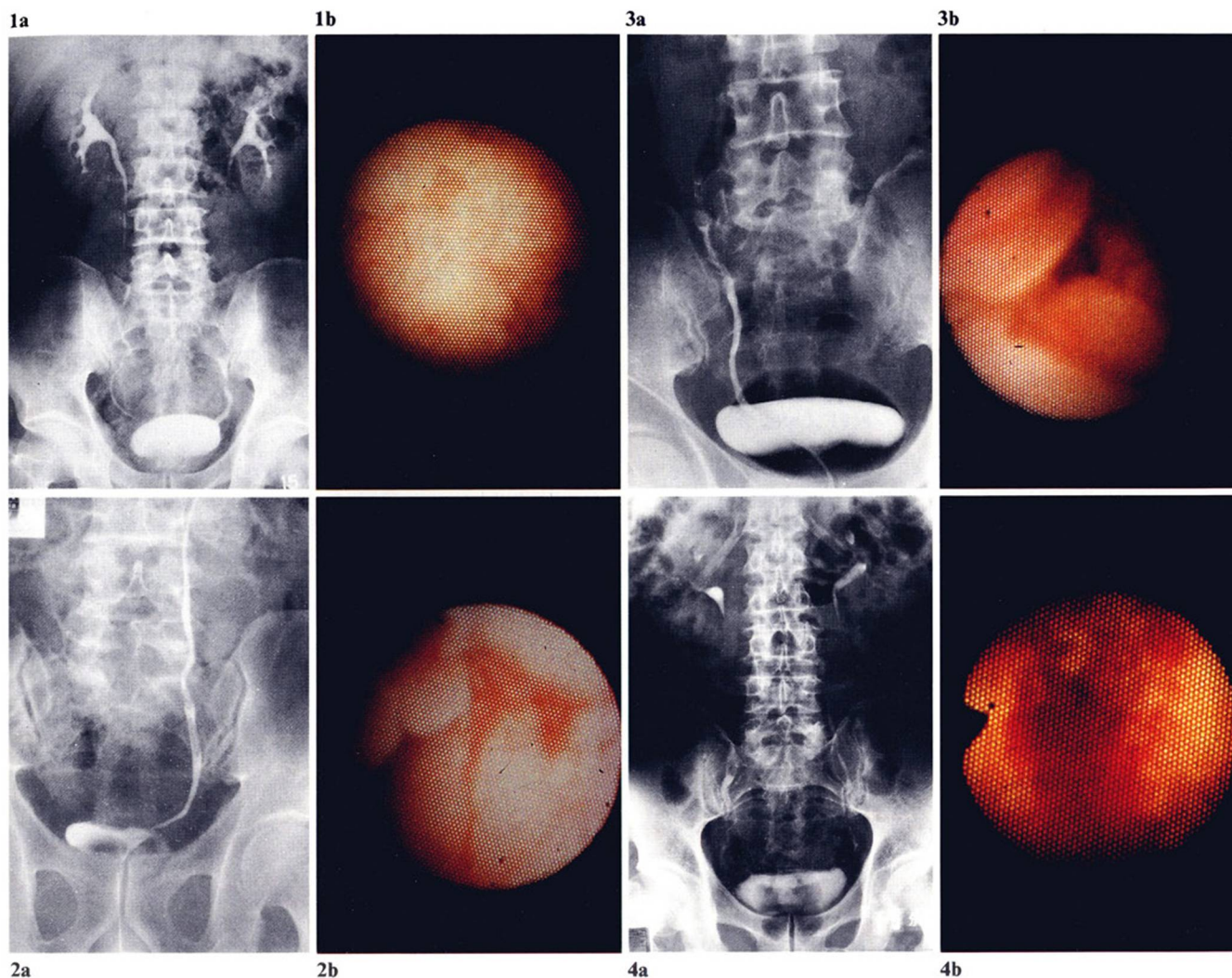
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**Fig. 1. a** Drip infusion pyelography of case 1. Note defect of left upper calyx. **b** Papillary pelvic tumor observed by pyeloureteroscopy in case 1.

**Fig. 2. a** Retrograde pyelography in case 2. Note filling defect in left lower ureter. **b** Pyeloureteroscopy revealed polyp floating in the ureteral lumen in case 2 by fiberscopy.

**Fig. 3. a** Retrograde pyelography of case 3. Contrast medium is interrupted at the lower third of the left ureter. **b** An inflammatory lesion secondary to the ureteral stone in case 3 resembled the findings of ureteral tumor.

**Fig. 4. a** Drip infusion pyelography of case 4. Cystoscopy confirmed the macrohematuria to originate from right ureteral orifice. **b** Fiberscopy of case 4 revealed an irregular, hyperemic, partly necrotic flat lesion in the right renal pelvis.