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Summary

RENAL GRANULOMATOSIS IN CROHN'S DISEASE – CASE REPORT OF A RARE EXTRAINTESTINAL MANIFESTATION IN INFLAMMATORY BOWEL DISEASE

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An 18-year-old male with Crohn's disease-associated renal granuloma and acute interstitial nephritis achieved endoscopic remission and improved renal function with infliximab monotherapy.

KEY POINTS

- Renal biopsy confirmed acute interstitial nephritis and granuloma, with colonoscopy showing pancolitis with rectal sparing and biopsies revealing chronic colitis with granulomas confirming Crohn's disease.
- Treatment with steroid tapering followed by intravenous infliximab induction and subcutaneous maintenance therapy led to improvement in both gastrointestinal symptoms and renal function.
- Dose escalation to weekly infliximab injections was required at seven months due to loss of response to fortnightly subcutaneous infliximab.
- At one year, the patient achieved endoscopic remission with creatinine improving from 194 to 111 umol/L and resolution of pyuria.
- This case demonstrates a rare presentation of Crohn's disease with renal involvement and a positive clinical response to infliximab monotherapy.

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