

## Calcium polystyrene sulfonate

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### Colonic ulcers: case report

A 72-year-old man developed colonic ulcers during treatment with calcium polystyrene sulfonate [Calcium Resonium].

The man, who was on regular haemodialysis, presented to an emergency department with a 3-day history of watery diarrhoea and fatigue. He had a history of chronic kidney disease and hypertension. Tests showed that he was hypotensive and he had hyperkalaemia. He was diagnosed with acute on chronic kidney injury secondary to hypovolaemia. He was treated with calcium polystyrene sulfonate enema [*dosage not stated*], antihypertensives, and IV fluids. Two days later, he reported rectal bleeding and abdominal pain. Colonoscopy revealed multiple colonic ulcers involving the rectum to the transverse colon. A colonic biopsy revealed active colitis with mucosal ulceration and purplish, angulated crystals with a fish-scale appearance were present on the mucosa. He was diagnosed with calcium polystyrene sulfonate-induced colonic ulcers [*outcome not stated*].

**Author comment:** "*A diagnosis of calcium polystyrene sulfonate (CPS) induced colonic ulcers was made*".

George SA, et al. Chronic renal failure, hyperkalemia, and colonic ulcers. Indian Journal of Nephrology 24: 193-194, No. 3, May-Jun 2014. Available from: URL: <http://doi.org/10.4103/0971-4065.132023> - Kuwait 803112562