Gastric diverticulum in a patient with autosomal dominant polycystic kidney disease

Mariusz Niemczyk¹*, Monika Gradzik²; Leszek Pączek¹

¹Department of Immunology, Transplant Medicine, and Internal Diseases; Medical University of Warsaw, Warsaw, Poland
²Department of Clinical Radiology; Medical University of Warsaw, Warsaw, Poland

*Corresponding Author(s): Mariusz Niemczyk
Department of Immunology, Transplant Medicine and Internal Diseases, Medical University of Warsaw, Nowogrodzka 59, 02-006 Warszawa, Poland
Tel: +48-22-5021076, Fax: +48-22502-2127
Email: mniemczyk@wum.edu.pl

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Description

In a 54-year-old woman with Autosomal Dominant Polycystic Kidney Disease (ADPKD), stage 3B chronic kidney disease, arterial hypertension, and dyslipidaemia, contrast-enhanced Magnetic Resonance Imaging (MRI) of the abdominal cavity was done due to the ultrasound suspicion of solid mass in the left polycystic kidney. MRI ruled the mass out, but showed a diverticulum in subcardial gastric area (Figure 1).

Gastric diverticula are very rare findings; they are observed in 1-11:10000 of upper gastrointestinal endoscopic procedures. In the majority of cases, they are asymptomatic, and do not require further diagnostics and treatment [1]. That was a case in the reported patients.

ADPKD is a systemic disease with various extra-renal manifestations, including connective tissue disorders [2]. In effect, association of ADPKD with colonic diverticular disease [3], as well as duodenal diverticula [4] was proposed. In line with these findings, we suppose that gastric diverticulum may belong to the spectrum of extra-renal manifestations of ADPKD.

References


Figure 1: Magnetic resonance, T2-weighted image. Gastric diverticulum in a patient with autosomal dominant polycystic kidney disease.