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About the Cover

The image shows axial abdominal computed tomography (CT) scans from the proband of a family in which multiple individuals were affected by kidney cancer. This family was found to have a germline mutation in the gene encoding the nuclear deubiquitinase BAP1 (BRCA1-associated protein-1). Following resection of the right kidney for cancer, the patient developed multifocal tumors in the left kidney, as shown in the four panels. At the age of 46, he underwent the first of three left partial nephrectomies for the surgical removal of two high-grade clear cell renal carcinomas measuring 3 cm and 1.5 cm, respectively, and a 2-cm atypical cyst with clear cell lining. For details, see the article by Farley and colleagues on page 1061.