```
가
                         가
                                                           49
                                                                                                СТ
                 (segmental cystic disease of the kidney,
SCDK)
       (localized cystic disease of the kidney, LCDK),
               (unilateral polycystic kidney disease),
                                                            49
                                                                         가 1
               (segmental polycystic kidney)
                                                                                가
    (1-3).
                                                                                         80 / ,
                                                                                                       20 / ,
                                          (autosomal
                                                                 130/70 mmHg,
dominant polycystic kidney disease, ADPKD)
                                                                36.5
                                                                                         가
              1970
                                 ADPKD
                                                                                          14.2 g/dL,
                                                                        4,760 /mm<sup>3</sup>,
           가
                                                                            275,000/mm<sup>3</sup> , AST/ALT 16/15
                                                             44.2%,
                            가
                                                 1989
                                                          IU/L,
                                                                          1.48 mg/dL, BUN 12.11 g/dL, creatinine
    Levine (4)
                        ADPKD
                                                          0.96 mg/dL
                     (unilateral cystic disease of the
kidney)
                 가
                                                                           . 가
                                          (5, 6),
                                            (unilateral
cystic disease of the kidney, UCDK)
      SCDK
                   LCDK
                                                                                                      CT
                                                                                 (Fig. 1).
           가
                              49
               СТ
                                           SCDK
                                                                                             가
                                                                                                       (calyx)가
                                                            (Fig. 2).
                                                                           . CT
                                                                                             가
                                                                     (Fig. 3).
        2008 2 19
                            2008
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613

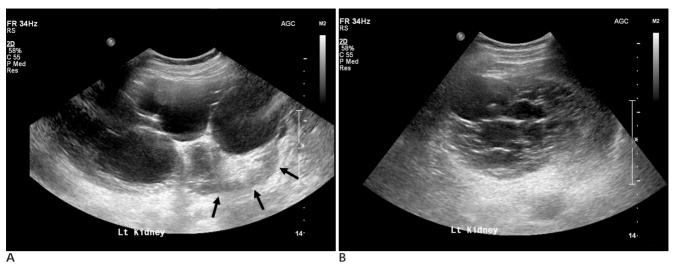


Fig. 1. Longitudinal (A) and transverse (B) ultrasonography images show multiple variable-sized cysts in enlarged left kidney. Remaining renal parenchyma is seen in lower pole (arrows).

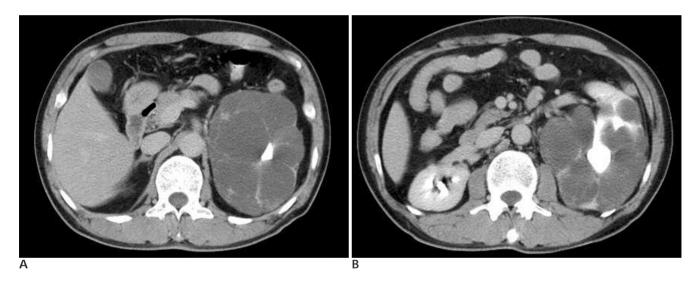
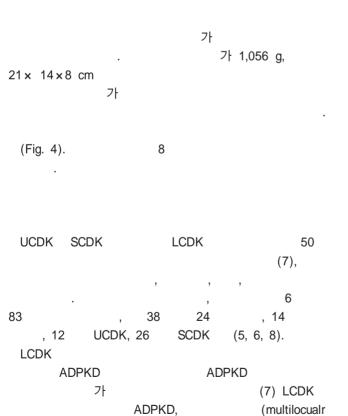


Fig. 2. Axial CT images show multiple variable-sized cysts replacing renal parenchyme at the upper pole (A) and interpolar region (B), but remaining normal renal parenchyme at the lower pole (C) of the kidney. Contrast filled upper polar calyx is well seen between cysts (A).



Fig. 3. Post-CT KUB shows markedly enlarged left renal shadow and mildly dilated renal calyceopelvic system.



ADPKD

cystic nephroma),

renal cell carcinoma),

dyspalstic kidney, MCDK),

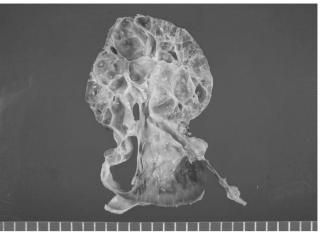


Fig. 4. Gross specimen shows multiple variable-sized cystic lesions. The remaining normal renal parenchyma is seen in lower pole, measuring $7.0~\times~4.5~\mathrm{cm}$ in dimension. The pelvis is mildly dilated.

. LCDK , , 기 (5 - 8). ADPKD

(6). ADPKD
7 LCDK

(5, 6). , ADPKD

(hyperattenuating cyst)

LCDK
7 ,

アナ SCDK アナ (5). , SCDK , 7ナ (9). MCDK

SCDK

UCDK

, SCDK . UCDK

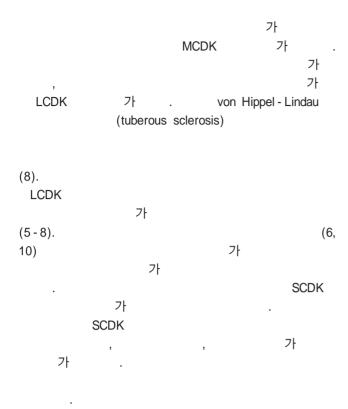
(duplicated kidney) (6, 8)

C4 =

가

(multilocular cystic

(multicystic



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Segmental Cystic Disease of the Kidney: A Case Report¹

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Segmental cystic disease of the kidney is a rare form of cystic disease of the kidney that manifests as variable sized, numerous cysts that are localized in a segment of one kidney. Morphologically and pathologically, it is indistinguishable from autosomal dominant polycystic kidney disease except for its unilateral localization, the lack of an autosomal dominant genetic background and the progressive deterioration of the renal function. We experienced a case of surgically confirmed segmental cystic disease of the kidney in a 49-year-old patient and we report on its ultrasonographic and CT findings, along with a brief review of the relevant literature.

Index words: Ultrasonography (US)

Tomography, X-Ray Computed

Kidney

Kidney diseases, cystic Polycystic kidney diseases

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