

# Kidney360

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### On the Cover

The representative images of urinary podocytes showing mitotic catastrophe in FSGS. Urinary podocytes in FSGS showed characteristic features of mitotic catastrophe. Enlarged and irregular nucleus (first row – left and center panels); multinucleation (first row – right panel, second row – right panel); presence of micronucleus (second row – left and center panels); denucleation (third row – left and center panels); Hematoxylin eosin staining (pale background panels) and immunofluorescent staining of podocalyxin (black background panels). Original magnifications, 400–fold. Electron microscopy revealed mitotic feature of the nuclei in the urinary podocyte in an FSGS case, Original magnifications, 6000–fold (third row – right panel).

Adapted from Figure 7 of “Morphologic analysis of urinary podocytes in focal segmental glomerulosclerosis” by Yoko Shirai, Kenichiro Miura, Takashi Yokoyama, Shigeru Horita, Hideki Nakayama, Hiroshi Seino, Taro Ando, Atsutoshi Shiratori, Tomoo Yabuuchi, Naoto Kaneko, Sho Ishiwa, Kiyonobu Ishizuka, Masanori Hara, and Motoshi Hattori. *KIDNEY360* 2: 477–486, 2021. doi: 10.34067/KID.0005612020.