Supplemental Figure 1.

An expanded review is available to the reviewers. This display shows the patient values and normal ranges for the MAG3 clearance, residual urine volume, percent relative uptake and the Tmax, 20 min/max, T1/2 and postvoid/max ratio for whole-kidney and cortical ROIs. The expanded review page also shows an enlarged parenchymal image obtained at 2–3 min, an enlarged display of the 19-to 20-min image, and quality control images showing the pre- and post-injection syringe counts and time of the bolus arrival in the kidneys.

Supplemental Figure 2.

This panel displays the 2-min sequential images following furosemide administration. The curves are generated from whole-kidney and renal pelvic ROIs. The tracer retention in the left renal pelvis and a prolonged T1/2 greater than 50 min is suspicious for obstruction. The relatively flat right kidney washout curve and whole and pelvic T1/2 values of 32 and 27 min, respectively, may also lead to the interpretation that the right kidney is obstructed.