

	Kidney size	Parenchyma thickness	Renal pelvis dilation	Ureteral dilation
0	no significant difference of the both kidneys in size	parenchyma thickness of the treated right kidney is comparable to the left side	the renal pelvis of the right treated side is comparable to the left untreated side	the ureter proximal to the reconstructed area on the right side is comparable in size to the left side
1	kidney size of the treated right side is smaller than the left kidney	thickness of parenchyma of the treated right side is less to the left side	the renal pelvis of the treated right side is dilated	the ureter proximal to the reconstructed area is dilated
2	the treated right kidney is hydronephrotic	parenchyma thickness of the treated right kidney shows complete contraction	the renal pelvis of the treated right side is hydronephrotic	the ureter proximal of the reconstructed area is severely dilated

Additional file 2: Table S2 - Scoring system for evaluating the gross examination of the retrieved urinary tract