

Ureteral obstruction following partial nephrectomy: can it be caused by fibrin glue?.

Authors: Lyon TD, Theisen KM, Rycyna KJ, Benoit RM

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Abstract:

Fibrin sealants are widely used during partial nephrectomy, however reports regarding the potential complications associated with their use are limited. We present the case of a 67-year-old male who developed delayed ureteral obstruction without hydronephrosis following partial nephrectomy in a solitary kidney. We hypothesize that the obstruction and absence of hydronephrosis were caused by extrinsic compression and subsequent inflammation due to the fibrin glue. Our report underscores the importance of a high index of suspicion for obstruction when acute kidney injury occurs following partial nephrectomy when fibrin glue is used, even in the absence of collecting system dilatation.