

Management of idiopathic retroperitoneal fibrosis: A retrospective study at prince hussein urology and organ transplantation center (phuo)/jordan

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Abstract

Objective: to describe the clinical presentation, clinical course, laboratory result, imaging findings, medical and urological treatment of idiopathic retroperitoneal fibrosis at PHUO center/Jordan.

Method: The medical records and operative notes of 116 patients with idiopathic retroperitoneal fibrosis (IPR) (patients were identified using the international classification of disease tenth revision code) who were diagnosed by clinical and radiological imaging study and managed at PHUO center from January 2006 to December 2017 were reviewed retrospectively.

All patients were initiated on steroid, with a total duration of therapy about 24 months, and the Initial and follow-up laboratory results and imaging findings were reviewed and compared after 24 months of treatment to assess the Clinical, laboratory, radiological, and outcome of treatment. Results: of 116 patient diagnosed with idiopathic retroperitoneal fibrosis, 85 (73.3%) were male and 31 (26.7%) female, with Mean \pm SD age at diagnosis was (50.48.6 \pm 10.6) years. the most common symptoms were abdominal and low back pain accounting for (79%) .the Mean \pm SD creatinine at diagnosis and after completion of medical therapy was (3.95 \pm 4.1, 1.01 \pm 0.26, p-value 0.001) respectively, and the Mean \pm SD Hematocrit at diagnosis and after completion of medical therapy was (33 \pm 3.3, 38.9 \pm 2.44, p-value 0.000) respectively, while the Mean \pm SD ESR at diagnosis and after completion of medical therapy was (63.3 \pm 11.0, 11.8 \pm 3.3, p-value 0.000) respectively .132 Ureters were free of obstruction after a mean of 152 days of therapy .almost 30 % reduction in the fibrotic mass size were achieved on 82 % of patient after completion of therapy. Conclusion: Glucocorticoids is the the mainstay of treatment, the vast majority of patients recovered renal function with normalization of serum creatinine, death was not observed, but relapse do occur, and long term follow-up of patient with idiopathic retroperitoneal fibrosis is recommended.

Biography

Khouri completed his internal medicine residency training, geriatric fellowship, and nephrology fellowship at the university of pittsburgh medical center. Prior to living in Pittsburg, dr. khouri lived in baltimore, where he did research at john hopkins medical center and completed his surgical internship at union memorial hospital. Dr. Khouri is originally from Syria. He received his medical degree from damascus university school of medicine in damascus, Syria. In 2011 Dr. Khouri was voted one of the top docs in portland by his peers. Dr. Khouri is currently accepting new patients and hospital consultations. He is dedicated to providing compassionate and comprehensive care to all of his patients. We look forward to working with you closely in the care of your patients.



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