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BK nephropathy in the native kidneys of patients with organ transplants: Clinical spectrum of BK infection

Darlene Vigil, Nikifor K Konstantinov, Marc Barry, Antonia M Harford, Karen S Servilla, Young Ho Kim, Yijuan Sun, Kavitha Ganta, Antonios H Tzamaloukas

Abstract

Nephropathy secondary to BK virus, a member of the *Papoviridae* family of viruses, has been recognized for some time as an important cause of allograft dysfunction in renal transplant recipients. In recent times, BK nephropathy (BKN) of the native kidneys has been increasingly recognized as a cause of chronic kidney disease in patients with solid organ transplants, bone marrow transplants and in patients with other clinical entities associated with immunosuppression. In such patients renal dysfunction is often attributed to other factors including nephrotoxicity of medications used to prevent rejection of the transplanted organs. Renal biopsy is required for the diagnosis of BKN. Quantitation of the BK viral load in blood and urine are surrogate diagnostic methods. The treatment of BKN is based on reduction of the immunosuppressive medications.

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2016年4月27日 - The human polyomaviruses, such as the **BK** and **JC** virus, are highly ... (see "Ureteral stenosis due to **BK virus infection** among kidney **transplant** recipients"). in the **native kidneys** of **patients** who undergo nonrenal solid **organ** Morphological **spectrum** of polyoma virus disease in renal allografts:

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作者: S Kuppachi - 2016 - 相关文章

2015年12月30日 - BKV causes an interstitial **nephritis** in kidney **transplant patients**, but has also been ... BKVN and other forms of BKV-related pathology indicate **clinical** ... BKV **infection** is manifest by **BK** viruria, **BK** viremia and BKVN. Polyomavirus **nephropathy** in **native kidneys** of a solitary pancreas **transplant** recipient.

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