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### Fluorescence In-Situ Hybridization (FISH) UroVysion®

<b>Patient:</b>	<b>Lissansky, Stuart H</b>	<b>Accession #:</b>	<b>UV15-001000</b>
SSN:	176405688	Patient ID:	Date Collected: 5/15/2015
DOB:	7/12/1949	Age: 65 Sex: M	Date Received: 5/19/2015
<b>Physician(s):</b>	<b>Bernsley, Curtis; 825 Meadows Road, Ste. 111, Boca Raton, FL 33486</b>	<b>Date Reported:</b>	

CLINICAL HISTORY: ICD9(s): 596.51: Hypertonicity of bladder; 599.72 : Microscopic hematuria.

DIAGNOSTIC INFORMATION - FINAL	PHOTOMICROGRAPH
Diagnostic Summary:	#Error
	<b>GROSS DESCRIPTION</b> Received 80 ml of yellow, clear voided urine.
TEST COMPLETED	TEST REFERENCES
Urine specimens are prepared using the UroCyte selective cellular enhancement concentration technique, and analyzed for the enumeration of chromosomes 3, 7, 17, and 9p21 by fluorescence in situ hybridization (FISH), using the FDA approved UroVysion Bladder Cancer assay. Typically, a minimum of 25 morphologically abnormal cells are analyzed. Cells showing either a gain of multiple chromosomes (i.e. 3 or more signals) for more than one of the CEP 3 red, CEP 7 green, and CEP 17 aqua probes or homozygous loss of 9p21 (LSI 9p21 gold) are recorded. Analysis is continued until $\geq 4$ cells with gains of multiple chromosomes or $\geq 12$ cells with homozygous loss of 9p21 are detected, or until the entire sample slide is analyzed.  UroVysion has ~ 75%-85% sensitivity and ~ 95% specificity for detection of urothelial carcinoma (UC) in patients with a history of UC.	Sokolova 1A, Halling KC, Jenkins RB et al. The development of a multi-target multi-color fluorescence in situ hybridization assay for the detection of urothelial carcinoma in urine. J Mol Diagn 2000: 2(3): 116-123  Halling KC, King W, Sokolova IA, et al. A comparison of cytology and fluorescence in situ hybridization for the detection of urothelial carcinoma. J Urol. 2000: 1768-1775  Burbendorf L, Grilli B, et al. Multiprobe FISH for enhanced detection fo bladder cancer in voided urine specimens and bladder washings. Am J Clin. Pathol 2001: 116(1): 79-86
CPT Code(s): 88120-G	SIGNATURE
	(Report is not signed)