

# Bladder Cancer Detection Algorithm

## Pathway #1

NMP22 (NEG)  
Cystoscopy (NEG) →

**Result:** 99% Negative Predictive Value  
**Action:** Standard Surveillance

## Pathway #2

NMP22 (POS)  
Cystoscopy (NEG) →

**Result:** High potential for undetected cancer  
**Action:**

- More intensive investigation
- Review/Schedule upper tract tests
- Schedule follow up within shorter interval (Repeat NMP22 / cystoscopy)

## Pathway #3

NMP22 (POS)  
Cystoscopy (POS) →

**Result:**

- Up to 99% of cancers detected;
- Elevated risk of muscle invasive or high grade cancer

**Action:** Prioritize for biopsy and treatment of cancer

## Pathway #4

NMP22 (NEG)  
Cystoscopy (POS) →

**Result:** More likely nonmuscle invasive and low grade cancer  
**Action:** Schedule standard biopsy and treatment of cancer