Cells Found in Urine

- **Renal Tubular Cells**
- **Transitional Cells**
- **Squamous Cells**
- **WBCs**
- **RBCs**

**Casts Found in Urine**

- **Granular Casts**
- **Hyaline Casts**
- **WBC Casts**
- **RBC Casts**

**Crystals Found in Acid Urine**

- **Uric Acid (brightfield)**
- **Uric Acid (polarized)**
- **Hippuric Acid (brightfield)**
- **Hippuric Acid (polarized)**
- **Leucine/Tyrosine Crystals**
- **Ammonium Urate (brightfield)**
- **Ammonium Urate (polarized)**
- **Triple Phosphate (brightfield)**

**Crystals Found in Alkaline Urine**

- **Cystine Crystals (brightfield)**
- **Cystine Crystals (polarized)**

**Bacteria, Fungi, and Parasites Found in Urine**

- **Bacteria**
- **Yeast**
- **Trichomonas Vaginalis**

**Note:** Selected photomicrographs credited to Bowman Gray School of Medicine, Wake Forest University, NC and Rachel Lehman, MS, MT(ASCP).