HEMATURIA

General Principles

Confirm the hematuria
R/O external source
Never Rx with antibiotics without culture
Urine cytology of questionable value

Etiology

Infection
Neoplasm
Urolithiasis
Renal parenchymal disease
Various forms of nephritis
Collagen diseases
Diabetic nephropathy
Usually have some degree of renal insufficiency and/or proteinuria

Trauma
Congenital anomalies
Miscellaneous
Coagulopathies
Anticoagulant overdose
Sickle cell trait

Idiopathic

Evaluation

History
Nature of bleeding: gross or microscopic; initial, terminal, total
Associated symptoms: pain, bladder sx, etc.
Constitutional symptoms: weight loss, fever, night sweats, etc.
Physical

Imaging
CT
Ultrasound
MRI
Retrograde pyelograms

Endoscopy
Cystoscopy
Ureteroscopy

Other
Culture/sensitivity
Cytology
Renal biopsy