Penetrating trauma?	(+) →→	proximal to bladder w/ hematuria?	(+) →→	pre- operative cystography

↓ (-)

Major mechanism blunt trauma and evidence for urethral injury	(+) →→	retrograde urethrogram prior to evaluation of bladder

↓ (-)

Gross hematuria or lower abd pain & empty bladder	(-) →→	dx. / rx. other injuries

↓ (+)

static cystography with films for: - initial 50 cc. contrast - bladder distention (if 50 cc film (-)) with 350 cc. contrast - post-evacuation film	(-) →→	dx. / rx. other injuries

↓ (+)

INTRA-PERITONEAL bladder rupture	(+) →→	Mandatory bladder exploration & repair. bladder drainage. 10 day f/u gravity cystogram

↓ (-)

EXTRA-PERITONEAL bladder rupture

↓

Extravasation beyond retroperitoneal pelvis? or Associated intraabdominal injuries?	(+) →→	consider operative exploration & repair

↓ (-)

Bladder neck injury or UTI or	(+) →→	contraindication to conservative management: -> operative exploration & repair.

↓ (-)

conservative management w/ adequate bladder drainage, prophylactic antibx. 10 day f/u gravity cystogram

MANAGEMENT ALGORITHM FOR BLADDER INJURIES