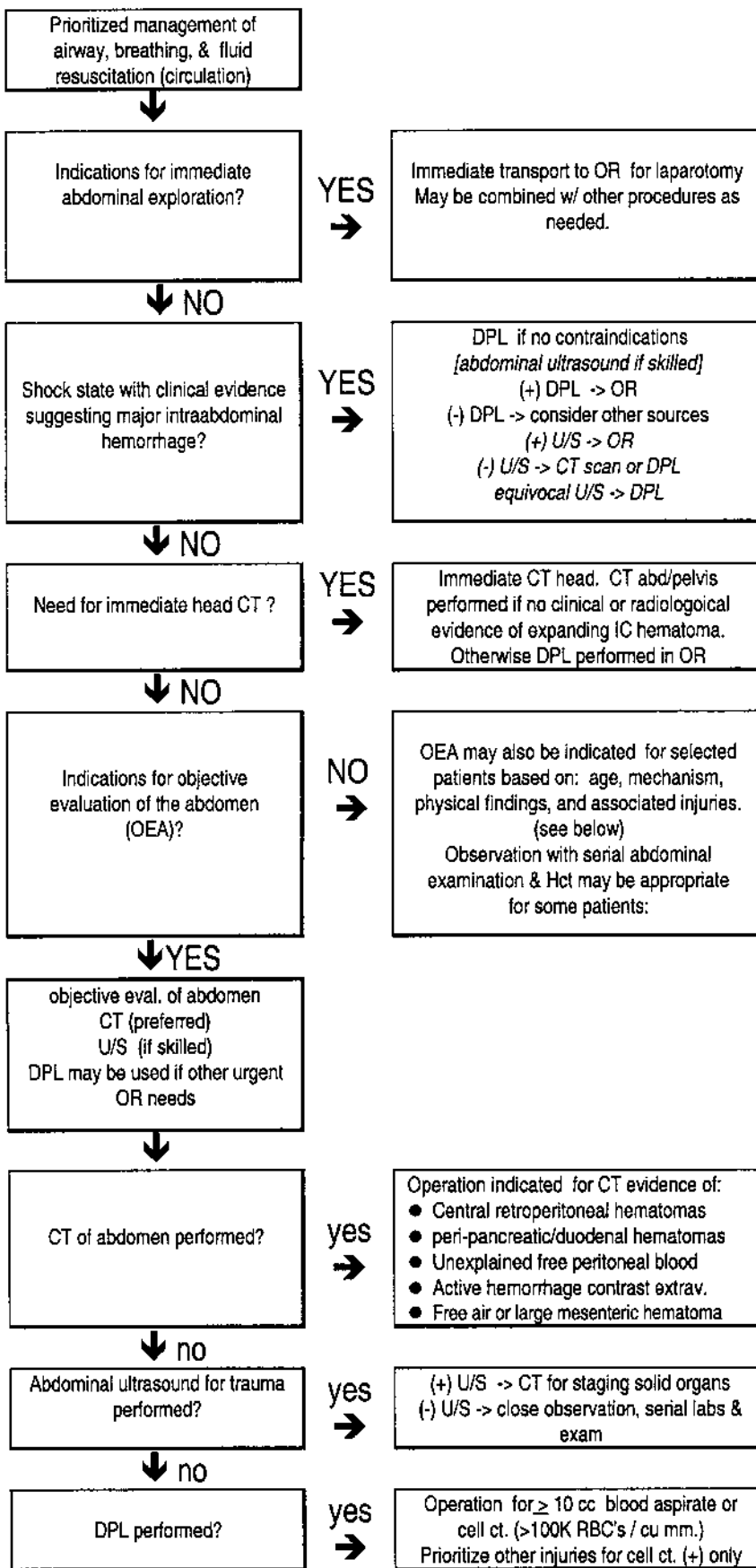


COMMENTS



Indications for immediate abdominal exploration include:

- ruptured diaphragm
- evisceration
- refractory or profound (e.g. BP < 80) hypotension attributable to abdominal injuries.
- signs of peritonitis on physical examination

Major hemorrhage suggested by:

- initial ED BP < 90 with expected response to fluids
- persistent or recurrent hypotension (BP < 100)
- relative BP drop of > 40 mm Hg
- cutaneous evidence of shock
- persistent unexplained tachycardia (P > 120)
- grossly abnormal base deficit (< -7)
- initial Hct < 30 or > 10 pt. drop in first 30 min.

Fast helical scanners may allow abd/pelvis scans in < 5 min and should be performed in the absence of dire need for immediate craniotomy. DPL done in OR during craniotomy otherwise. Discussion w/ neurosurgery mandatory

Indicators for mandatory OEA include:

- any documented hypotension
- unexplained arterial base deficit ≤ -4
- associated major chest or pelvic injury
- abdominal pain / tenderness
- signs of lap-belt injury
- Gross or TNTC hematuria
- inability to perform serial abdominal exams
e.g. head injury, prolonged anesthesia

DPL should be considered for patients needing immediate procedures for other extra-abdominal injuries:

- angio/embolization for pelvic fx. hemorrhage (altern: CT)
- thoracotomy for chest injury
- craniotomy for head injury w/ neurologic deterioration
- recognized vascular injury (OR/ED angiogram)

See algorithm for hepatic and splenic injuries for indications for non-operative management of these injuries.

Missed injuries that may occur with CT:
Bowel perforations, pancreatic injury (early), mesenteric tears

Missed injuries that may occur with DPL:
Retroperitoneal duodenum, pancreas, kidney/ureters, bladder,
occasionally a blunt bowel perforation.

MANAGEMENT ALGORITHM FOR THE INITIAL EVALUATION OF BLUNT ABDOMINAL TRAUMA