

內容摘要（續）：

Q5CR 林逸婷：management of liver laceration

A5R1 陳穎玲：grade I/II: conservative treatment, grade III: equivocal,
grade IV-VI: surgical intervention

Q6CR 林逸婷：spleen laceratin grading

A6R2 羅志威：
grade I: subcapsular haematoma < 10% of surface area,
capsular laceration < 1 cm depth
grade II: subcapsular haematoma 10 - 50% of surface area,
intraparenchymal haematoma < 5 cm in diameter, laceration
1 - 3 cm depth not involving trabecular vessels.
grade III: subcapsular haematoma > 50% of surface area or
expanding, intraparenchymal haematoma > 5 cm or expanding,
laceration > 3 cm depth or involving trabecular vessels,
ruptured subcapsular or parenchymal haematoma
grade IV: laceration involving segmental or hilar vessels
with major devascularization (> 25% of spleen)
grade V: shattered spleen, hilar vascular injury with
devascularised spleen

Q7CR 林逸婷：management of spleen laceration

A7R2 羅志威：unstable 就應該手術，stable 病人 grade I/II 可保守治療，
grade III 以上考慮手術或栓塞

Q8CR 林逸婷：renal injury grading

A8R2 羅志威：
grade I : contusion or non enlarging subcapsular haematoma,
but no laceration ;
grade II : superficial laceration < 1cm depth and does not
involve the collecting system ; non expanding perirenal
haematoma
grade III : laceration > 1cm, without extension into the
renal pelvis or collecting system and with no evidence of
urine extravasation
grade IV : laceration extends to renal pelvis or urinary
extravasation.
grade V : shattered kidney ; devascularisation of kidney
due to hilar injury.

Q9CR 林逸婷：何種狀況可考慮栓塞

A9R3 周光緯：pelvic retroperitoneum, gluteal area, axillary area,
kidney, spleen, liver injury

內容摘要（續）：

Q10CR 林逸婷：TAE 的禁忌症？

A10R3 周光緯：unstable hemodynamics, hollow organ damage, metabolic acidosis, DIC, sepsis, peritonitis, allergy to contrast

<Ethics and EBM>：

Q: successful rate of hepatic TAE in hemodynamic stable patient?

R3 周光緯 A: about 88%

<key points>

1. liver and spleen injury grading 要記得

2. unstable patient 就應考慮剖腹探查

3. stable patient 內出血可考慮手術及血管攝影

<VS comments>

1. 外傷+休克→考慮內出血

2. ACLS 的 primary survey 要做好，如果病人有變化就應重新 survey

3. FAST 只能看到 free fluid, 對 solid organ injury 評估較差且 operator dependent

紀錄：R4 朱健銘