

## Guidelines referenced

ORGANIZATION	TITLE, YEAR	GRADING SYSTEM
<p><b>Eastern Association for the Surgery of Trauma</b></p>		<p><b>Level 1:</b> Convincingly justifiable based on available scientific information alone. Supported by prospective randomized studies or prospective, noncomparative studies or retrospective series with controls.</p> <p><b>Level 2:</b> Reasonably justifiable by available scientific evidence and strongly supported by expert opinion. Supported by prospective, noncomparative studies or retrospective series with controls or a preponderance of retrospective analyses.</p> <p><b>Level 3:</b> Supported by available data but lacking adequate evidence. Supported by retrospective analyses.</p>
<p><b>World Society for Emergency Surgery</b></p>		<p><b>1A:</b> Strong recommendation, high-quality evidence</p> <p><b>1B:</b> Strong recommendation, moderate-quality evidence</p> <p><b>1C:</b> Strong recommendation, low-quality or very low-quality evidence</p> <p><b>2A:</b> Weak recommendation, high-quality evidence</p> <p><b>2B:</b> Weak recommendation, moderate-quality evidence</p> <p><b>2C:</b> Weak recommendation, low-quality or very low-quality evidence</p>

## AAST Liver Injury Scale (1994 revision)

GRADE	INJURY TYPE	INJURY DESCRIPTION
I	Haematoma	Subcapsular < 10% surface
	Laceration	Capsular tear < 1cm parenchymal depth
II	Haematoma	Subcapsular 10–50% surface area; intraparenchymal, < 10cm diameter
	Laceration	1–3cm parenchymal depth, < 10cm in length
III	Haematoma	Subcapsular > 50% surface area or expanding, ruptured subcapsular or parenchymal haematoma. Intraparenchymal haematoma > 10cm
	Laceration	> 3cm parenchymal depth
IV	Laceration	Parenchymal disruption 25–75% of hepatic lobe
V	Laceration	Parenchymal disruption involving > 75% of hepatic lobe
	Vascular	Juxtavenous hepatic injuries i.e. retrohepatic vena cava / central major hepatic veins
VI	Vascular	Hepatic avulsion

Advance one grade for multiple injuries up to Grade III

Generally, Grade 1 and 2 injuries are considered **low grade injuries** while Grade 3–5 are considered **high grade injuries**