**Additional file 1: Table S1**: Moore classification / AAST liver injury scale (1)

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| --- | --- | --- | --- |
| GRADE | TYPE |  | INJURY DESCRIPTION |
| I | Haematoma  Laceration |  | Subcapsular, < 10 % surface area  Capsular tear, < 1 cm parenchymal depth |
| II | Haematoma  Laceration |  | Subcapsular, 10-50 % surface area, intra-parenchymal < 10 cm in diameter  1-3 cm parenchymal depth, < 10 cm in length |
| III | Haematoma  Laceration |  | Subcapsular, > 50 % surface area or expanding; ruptured subcapsular or parenchymal haematoma, intra-parenchymal haematoma ≥ 10 cm or expanding  > 3 cm parenchymal depth |
| IV | Laceration |  | Parenchymal disruption involving 25-75 % of hepatic lobe or 1-3 Couinaud´s segments within the single lobe |
| V | Laceration  Vascular |  | Parenchymal disruption involving > 75 % of hepatic lobe or > 3 Couinaud´s segments within the single lobe  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