

INDICATION

Predicts response to steroids and expected mortality rate after 7 days treatment in patients with alcohol related hepatitis

ADDITIONAL INFORMATION

Should be calculated at day 7 of steroid therapy

INTERPRETATION

SCORE	6-MONTH SURVIVAL
>0.45	25%
<0.45	85%

CALCULATION

$$\text{Lille Model Score} = (\exp(-R)) / (1 + \exp(-R))$$

$$R = 3.19 - 0.101 * (\text{Age}_{\text{years}}) + 0.147 * (\text{Albumin}_{\text{g/L}} \text{ day 0}) \\ + 0.0165 * (\text{evolution in Bilirubin}_{\mu\text{mol/L}} \text{ level}) - 0.206 * (\text{Renal insufficiency}) - 0.0065 * (\text{Bilirubin}_{\mu\text{mol/L}} \text{ day 0}) - 0.0096 * \text{PT}_{\text{sec}}$$

Renal insufficiency:

- = 1 (if Creatinine $> 115 \mu\text{mol/L} / 1.3 \text{ mg/dL}$)
- = 0 (if Creatinine $\leq 115 \mu\text{mol/L} / 1.3 \text{ mg/dL}$)