1. In the presence of risk factors (sepsis, haemolysis, acidosis or asphyxia) use the lower line.
2. If baby is greater than 12 hours old with total serum bilirubin (TSB) 1–50 micromol/L below the line, repeat the TSB within 6–24 hours.
3. Babies under phototherapy:
   a. Consider measuring the TSB 4–6 hourly until the rise of serum bilirubin is known to be controlled, then measure TSB 12–24 hourly.
   b. If the TSB is greater than 50 micromol/L below line, stop phototherapy and recheck in 12–24 hours.
4. If baby presents with TSB above threshold and the TSB is not expected to be below the threshold after 6 hours of intensive phototherapy, an exchange transfusion is indicated.
5. If there are signs of bilirubin encephalopathy an immediate exchange transfusion is recommended.

Baby less than 35 weeks gestation, 1000g–1499g birth weight

Conventional lights

Intensive lights

300

0 50 100 150 200 250 300

Total serum bilirubin (TSB) (micromol/L)

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132 138 144 150 156 162 168 174 180

Hours

Exchange transfusion

Exchange transfusion with risk factors

Phototherapy

Phototherapy with risk factors

Date

Time (24hr)

Result

Start time (24hr)

End time (24hr)

Comments: