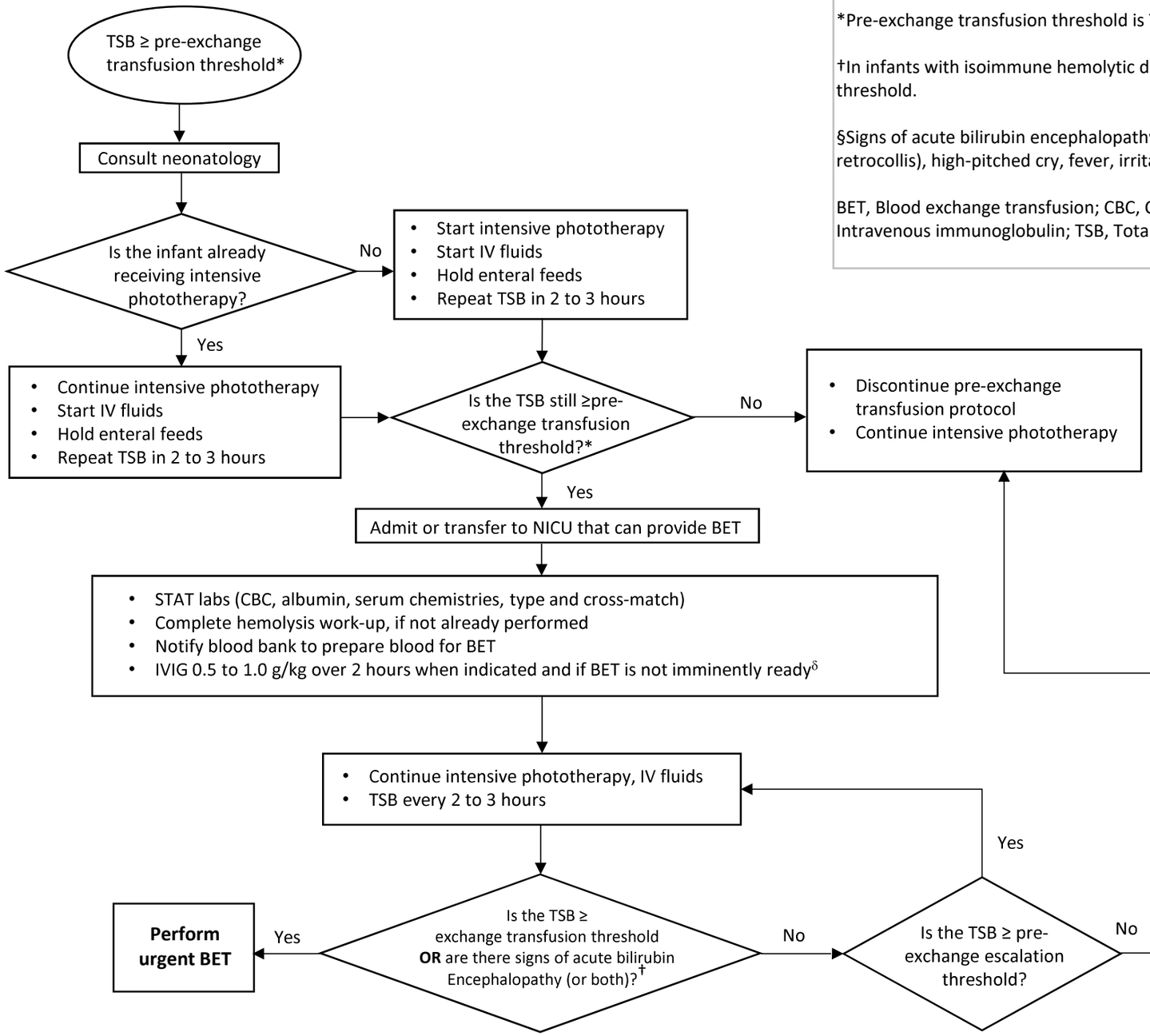
Figure 5. The pre-exchange transfusion protocol: Steps and sequences



*Pre-exchange transfusion threshold is TSB ≤30 µmol/L of exchange transfusion threshold.

†In infants with isoimmune hemolytic disease whose TSB ≥pre-exchange transfusion threshold.

§Signs of acute bilirubin encephalopathy (ABE): hypertonia (including opisthotonus and retrocollis), high-pitched cry, fever, irritability or stupor, seizures, coma, or apnea.

BET, Blood exchange transfusion; CBC, Complete blood count; IV, Intravenous; IVIG, Intravenous immunoglobulin; TSB, Total serum bilirubin

Source: Guidelines for detection and management of hyperbilirubinemia in term and late preterm newborns. © Canadian Paediatric Society, 2025. Also available at www.cps.ca.