# Universal Pre-discharge Transcutaneous Bilirubin Screening of Term and Late Preterm Infants

## 1.0 Equipment
- Konica Minolta / Drager Model JM-103 Jaundice Meter with charger unit
- Alcohol wipes / Cavi-wipes

## 2.0 Procedure

2.1 Ensure the jaundice meter has been calibrated as per manufacturer’s recommendation.

2.2 Remove the jaundice meter from the charger unit.

2.3 Clean the measuring probe on the meter with alcohol wipe.

2.4 Set the power switch to “ON” position. N – 3 should appear on the screen.

2.5 Check that the “Ready” lamp is illuminated.

2.6 Place the measuring probe perpendicular to the infant’s mid-sternum, avoiding any bruised or discolored areas.

2.7 Push the measuring probe gently until a click sounds. The number of remaining measurements will display.

2.8 Lift the probe from the patient, wait for the ready light and reapply for a total of three measurements.

2.9 When the remaining number of measurements is completed, the average of the measured values appears on the display.

2.10 If the measured value is above 340 µmol/L, the display shows “--”. A serum bilirubin should be measured at this point.

2.11 Record the meter reading on nursing document. If this is the last reading prior to discharge from hospital, record this reading, as well as date and time of reading, on the Provincial Notice of Birth (PNOB) form under “JMI”.

2.12 Follow “Universal Transcutaneous Bilirubin Screening” algorithm for further treatment decisions (see attached algorithm and nomogram).

2.13 Do not use the jaundice meter if the baby is receiving phototherapy or has received an exchange transfusion.

2.14 Do not use the jaundice meter for 24 hours after phototherapy has been discontinued.

2.15 Record date and time phototherapy was discontinued (if applicable) on PNOB form.
3.0 REFERENCES
