NSO ADAPTED CCHD ALGORITHM

Completed on well baby at 24-48 hours of age or before discharge if less than 7 days old

INITIAL SCREEN

SpO2 Less than 90% in right hand or either foot

IN ONE HOUR

SECOND SCREEN (IF "REPEAT" RESULT OBTAINED IN INITIAL SCREEN)

SpO2 95% or Over in right hand or either foot OR Difference is More than 3%

SpO2 95% or Over in right hand or either foot AND Difference is 3% Or less

SpO2 90-94 in right hand and either foot OR Difference is More than 3%

SpO2 Less than 90% in right hand or either foot

IN ONE HOUR

THIRD SCREEN (IF "REPEAT" RESULT OBTAINED IN SECOND SCREEN)

SpO2 Less than 90% in right hand or either foot

SCREEN POSITIVE (REFER)

SpO2 95% or Over in right hand or either foot AND Difference is 3% Or less

SCREEN NEGATIVE (PASS) NO FURTHER ACTION NEEDED

SpO2 90-94 in right hand and either foot OR Difference is More than 3%

Document on DBS card appropriately and forward to Newborn Screening Ontario

Adapted from Kemper et al, 2011