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For use in patients  $\leq$ 14 days old, gestational age  $\geq$  35 weeks, and historical or documented

elevated total serum bilirubin (TSB)

December 2024

## Phototherapy Thresholds: No Hyperbilirubinemia Neurotoxicity Risk Factors



Phototherapy Thresholds: One or More Hyperbilirubinemia Neurotoxicity Risk Factors



Alex R. Kemper, Thomas B. Newman, Jonathan L. Slaughter, M. Jeffrey Maisels, Jon F. Watchko, Stephen M. Downs, Randall W. Grout, David G. Bundy, Ann R. Stark, Debra L. Bogen, Alison Volpe Holmes, Lori B. Feldman-Winter, Vinod K. Bhutani, Steven R. Brown, Gabriela M. Maradiaga Panayotti, Kymika Okechukwu, Peter D. Rappo, Teri L. Russell; Clinical Practice Guideline Revision: Management of Hyperbilirubinemia in the Newborn Infant 35 or More Weeks of Gestation. *Pediatrics* August 2022; 150 (3): e2022058859. 10.1542/peds.2022-058859

Children's

## Exchange Transfusion Thresholds: No Hyperbilirubinemia Neurotoxicity Risk Factors



Exchange Transfusion Thresholds: One or More Hyperbilirubinemia Neurotoxicity Risk Factors



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## APPENDIX A

Follow up Recommendations From AAP Guidelines Based on Risk of Rebound Hyperbilirubinemia:	
Infant	Follow up TSB Recommendations
If infant: Required phototherapy during birth hospitalization <u>AND</u> Required phototherapy before 48 hours of age <u>OR</u> Had a positive DAT <u>OR</u> Known or suspected hemolytic disease	Follow up TSB the day after phototherapy discontinuation. Confirm PCP follow up with family and/or PCP.
If infant: Required phototherapy during birth hospitalization <u>AND</u> Readmitted for exceeding the phototherapy threshold	Follow up TSB the day after phototherapy discontinuation. Confirm PCP follow up with family and/or PCP.
If infant: Readmitted for phototherapy, but did not require phototherapy during birth hospitalization	Follow up TSB in 1-2 days after discontinuation OR clinical follow up to determine need for TSB. Confirm PCP follow up with family and/or PCP.
If infant: Treated with home phototherapy who exceeded the phototherapy threshold	Follow up TSB in 1-2 days after discontinuation OR clinical follow up to determine need for TSB. Confirm PCP follow up with family and/or PCP.
These are recommended follow up guidelines. Use your clinical judgement to determine the optimal timeline for when patients and families should follow up with their primary care provider. Consider ED referral if PCP follow up not feasible.	

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