

Indicators Jaundice protocol

Kitty and Joyce



MAJIC clinical indicators

MAJIC: MAKING ADVANCES AGAINST
JAUNDICE IN INFANT CARE

- QUALITY IMPROVEMENT IN NEWBORN
CARE
- Medical Review Criteria for Evaluation and
Treatment of Hyperbilirubinemia



Medical Review Criteria for Evaluation and Treatment of Hyperbilirubinemia

INCLUSIONS	CRITERIA
IF a vaginal delivery discharged prior to 48 hrs of age OR a c-section delivery discharged prior to 72 hrs of age	1. Follow-up examination by a health care provider within 3 calendar days of discharge ALTERNATIVE: parent/caregiver refuse an offered visit
IF infant 25-48 hours old	2.a. Repeat bilirubin drawn within 24 hours* if serum bilirubin level ≥ 14 mg/dL 2.b. Phototherapy initiated within 24 hours* if serum bilirubin level ≥ 16 mg/dL
IF infant 49-72 hours old	3.a. Repeat bilirubin drawn within 24 hours* if serum bilirubin level ≥ 18 mg/dL 3.b. Phototherapy initiated within 24 hours* if Serum bilirubin level ≥ 20 mg/dL

 Protocure

3

Medical Review Criteria for Evaluation and Treatment of Hyperbilirubinemia

INCLUSIONS	CRITERIA
IF infant >72 hours old	4.a. Repeat bilirubin drawn within 24 hours* if serum bilirubin level ≥ 20 mg/dL 4.b. Phototherapy initiated within 24 hours* if serum bilirubin level ≥ 25 mg/dL
AFTER effective phototherapy	5. Exchange transfusion if serum bilirubin level remains ≥ 20 mg/dL and infant 25-48 hours old, OR if serum bilirubin level remains ≥ 22 mg/dL and infant 49-72 hours old, OR if serum bilirubin level remains ≥ 28 mg/dL and infant >72 hours old

 Protocure

4

Medical Review Criteria for Evaluation and Treatment of Hyperbilirubinemia

INCLUSIONS	CRITERIA
IF on effective phototherapy and total serum bilirubin does not fall at least 2 mg/dL OR serum bilirubin level still ≥ 22 mg/dL 24 hours after effective phototherapy	6. Mother and baby blood type, infant Coombs test, and infant CBC, smear and retic count documented
IF any phototherapy initiated	7. No more than one serum bilirubin level drawn after phototherapy is discontinued

Medical Review Criteria for Evaluation and Treatment of Hyperbilirubinemia

INCLUSIONS	CRITERIA
IF infant 25-48 hrs old	8. No phototherapy or exchange transfusion if serum bilirubin level < 12 mg/dL
IF infant 49-72 hrs old	9. No phototherapy or exchange transfusion if serum bilirubin level < 17 mg/dL
IF infant >72 hrs old	10. No phototherapy or exchange transfusion if serum bilirubin level < 22 mg/dL
IF infant >72 hrs old	11. No repeat serum bilirubin if most recent serum bilirubin is < 12 mg/dL