

SYNTHETIC SOURCE DOCUMENT (records the expert already holds)

Example Medical Center (SYNTHETIC)

Patient: DOE, JANE / BABY BOY D. (SYNTHETIC). MRN SYN-000417.

Prenatal Record Summary

Patient	DOE, JANE (SYNTHETIC). G1P0. EDD 2024-03-22.
Visits	12 prenatal visits. GBS negative 2024-02-26.
BP	Blood pressures 118/74 to 132/84 through 36 weeks.
36w	BP 144/92; urine protein 1+. Plan: twice-weekly NST.
38w	BP 148/96; labs sent; plan induction if severe features.

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Labor and Delivery Admission H&P, 2024-03-16 2210

HPI	39w1d, BP 162/108 x2, headache. Preeclampsia with severe features.
Plan	Admit for induction. Magnesium sulfate for seizure prophylaxis.
Plan	Oxytocin (Pitocin) induction per protocol. Continuous EFM.
Attending	Dr. Oriel Fabrikam, obstetrics.

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Admission Orders, 2024-03-16 2230

Order	Magnesium sulfate 4 g IV load over 20 min, then 2 g/h IV.
Order	Oxytocin (Pitocin) 2 milliunits/min; increase by 2 every 30 min.
Order	Labetalol 20 mg IV PRN SBP > 160 or DBP > 110.
Order	Notify physician for tachysystole or Category II/III tracing.
Signed	Dr. Oriel Fabrikam

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L&D Nursing Flowsheet, 2024-03-17 0000 to 0400

0000	Pitocin 8 mu/min. FHR baseline 140, moderate variability.
0100	Pitocin 10 mu/min. Contractions q2 to 3 min.
0200	Pitocin 12 mu/min. Early decelerations noted.
0300	Pitocin 14 mu/min. Magnesium 2 g/h continues.
RN	Rowan Tessaly, RN

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L&D Nursing Notes, 2024-03-17 0400 to 0500

0404	Tachysystole: 6 contractions in 10 min.
0405	Pitocin off. Position change. IV bolus.
0408	Terbutaline 0.25 mg SC given.
0412	Recurrent late decelerations began.
0420	Dr. Oriel Fabrikam notified at bedside.
0431	Prolonged deceleration to 70s.
0438	Decision for cesarean delivery.
RN	Rowan Tessaly, RN

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Maternal Medication Administration Record

03-16 2240	Magnesium sulfate 4 g IV load.
03-16 2330	Labetalol 20 mg IV.
03-17 0408	Terbutaline 0.25 mg SC.
03-17 0445	Cefazolin 2 g IV.
RN	Rowan Tessaly, RN

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Operative Note: Primary Low Transverse Cesarean

Surgeon	Dr. Oriel Fabrikam
Indication	Category III tracing, prolonged deceleration.
Findings	Nuchal cord x1, reduced. Clear fluid.
Delivery	Infant delivered at 0506 and handed to the neonatal team.

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Delivery Record

Birth	2024-03-17 at 0506. Male. Birth weight 3,410 g.
Apgars	1 / 4 / 6 at 1, 5 and 10 minutes.
Team	Dr. Linnea Vasquell, neonatology, attending at delivery.
Transfer	To NICU at 0535.

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Neonatal Resuscitation Record

0506	Apneic, limp. PPV started at 30 seconds.
0510	Intubated at 4 minutes of life.
0512	Heart rate above 100 by 6 minutes.
0520	Spontaneous respirations, irregular.
MD	Dr. Linnea Vasquell

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Umbilical Cord Blood Gas

Arterial	pH 6.92, pCO2 78, base deficit 16.
Venous	pH 7.05, pCO2 61, base deficit 12.
Collected	2024-03-17 0508.

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NICU Admission Note, 2024-03-17 0540

Exam	Moderate encephalopathy (Sarnat stage 2). Hypotonia, weak suck.
0706	Point-of-care glucose 22 mg/dL. D10W 2 mL/kg bolus given.
Plan	Evaluate for therapeutic hypothermia. Ampicillin and gentamicin.
MD	Dr. Linnea Vasquell

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Laboratory Results, 2024-03-17

0706	Glucose 22 mg/dL (point of care).
0745	Glucose 48 mg/dL.
0900	Glucose 61 mg/dL.
0600	Lactate 11.2 mmol/L.
0600	WBC 18.4, Hgb 16.1, platelets 212.

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Therapeutic Hypothermia Flowsheet

1046	Whole-body cooling started at 5 hours 40 minutes of life.
1146	Target temperature 33.5 C reached.
Plan	Cool for 72 hours.

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NICU Progress Note, 2024-03-17 1310

1302	Clinical seizures: rhythmic right arm jerking, about 8 hours of life.
1325	Phenobarbital 20 mg/kg (68 mg) IV load given.
Plan	Continuous EEG. Maintenance phenobarbital from 2024-03-18.
MD	Dr. Linnea Vasquell

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NICU Medication Administration Record

03-17 0720	Ampicillin 100 mg/kg IV.
03-17 0730	Gentamicin 4 mg/kg IV.
03-17 1325	Phenobarbital 68 mg IV load.
03-18 1300	Phenobarbital 15 mg IV q24h (maintenance).

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EEG Report, 2024-03-17 to 2024-03-19

Findings	Burst suppression background in the first 24 hours.
Findings	Electrographic seizures on 2024-03-17, none after 2024-03-18 0200.
Reader	Dr. Harriet Oxbury, neurology

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Rewarming Note, 2024-03-20

- 1046

Rewarming started after 72 hours of cooling.
- 1646

Normothermia reached. No seizures during rewarming.

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MRI Brain Report, 2024-03-22

Findings	Restricted diffusion in the bilateral basal ganglia and thalami.
Findings	Abnormal signal in the posterior limb of the internal capsule.
Impression	Basal ganglia and thalamic predominant injury pattern.
Radiologist	Dr. Tobias Wrenfield

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Neurology Consultation, 2024-03-22

Assessment	Hypoxic-ischemic encephalopathy with seizures, now controlled.
Plan	Continue phenobarbital 15 mg daily. Early intervention referral.
Consultant	Dr. Harriet Oxbury

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Discharge Summary, 2024-04-07

Course 21-day NICU stay. Cooled 72 hours. Seizures on day 1 only.

Discharge meds Phenobarbital 15 mg by mouth daily.

Follow-up Neurology, developmental clinic, early intervention.

MD Dr. Linnea Vasquell