


Inland Empire Maternal and Neonatal Health:
Building a Maternal Transport Team
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Introduction

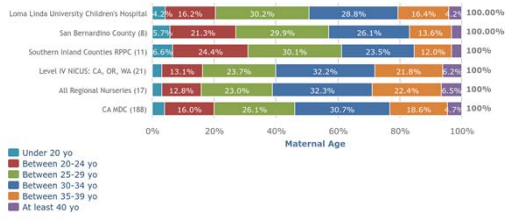
- » Demographics
- » High Frequency Diagnosis
- » Outcomes and Complications
- » Building a Maternal Transport Team
 - Background
 - Reasons for a transport team
 - Next steps
- » Questions

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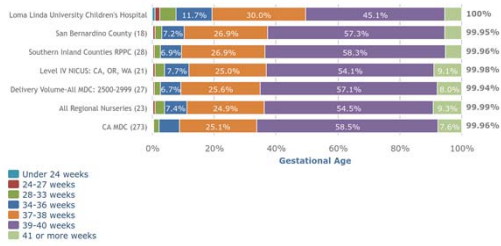
DEMOGRAPHICS

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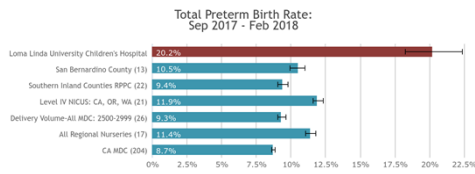
Maternal Age



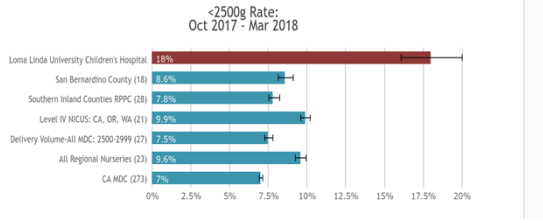
Gestational Age at Delivery



Total Preterm Birth Rate



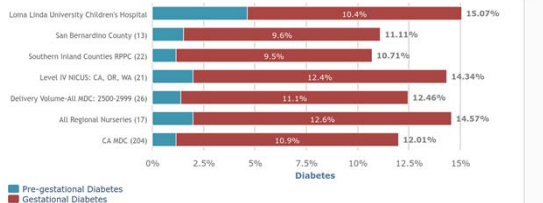
<2500 g Rate



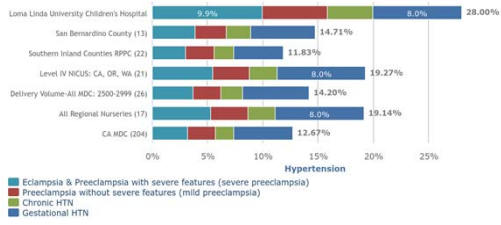
HIGH FREQUENCY DIAGNOSIS



Diabetes in Pregnancy



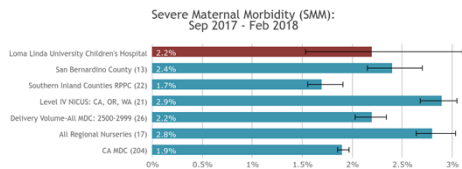
Hypertension in Pregnancy



OUTCOMES AND COMPLICATIONS



Severe Maternal Morbidity

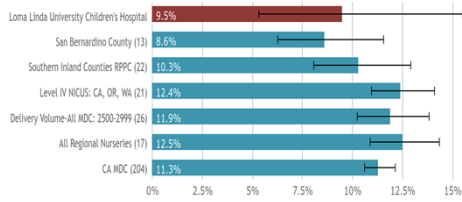


Severe Maternal Morbidity

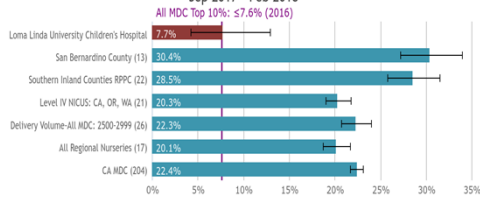
- » One of the following:
- » Has Acute Myocardial Infarction diagnosis
- » Has Acute Renal Failure diagnosis
- » Has Adult Respiratory Distress diagnosis
- » Has Amniotic Fluid Embolism diagnosis
- » Has Aneurysm diagnosis
- » Has Cardiac Arrest diagnosis
- » Has Disseminated Intravascular Coagulation diagnosis
- » Has Eclampsia diagnosis
- » Has Acute Heart Failure diagnosis
- » Has Puerperal Cerebrovascular Disorders diagnosis
- » Has Pulmonary Edema diagnosis
- » Has Complications of Anesthesia diagnosis
- » Has Sepsis diagnosis
- » Has Shock diagnosis
- » Has Sickle Cell Crisis diagnosis
- » Has Air and Thrombotic Embolism diagnosis
- » Has Transfusion procedure
- » Has Conversion of Cardiac Rhythm procedure
- » Has Hysterectomy procedure
- » Has Temporary Tracheostomy procedure
- » Has Ventilation procedure



Severe Maternal Morbidity Among Preeclampsia Cases:
Sep 2017 - Feb 2018



Severe Maternal Morbidity Among Hemorrhage Cases:
Sep 2017 - Feb 2018




Our future.....

A MATERNAL TRANSPORT TEAM




Maternal Transport Team

- » Would be dedicated to providing prompt and efficient transport for high-risk fetal and obstetrical patients.
 - With a goal of improving neonatal outcomes, our focus would be on intrauterine transport.
- » Our team would be available 24/7 to perform inter-facility transports within the Southern California Area and throughout the Southeast of California, bordering Nevada and Arizona.
- » We would have a group of highly-skilled and specially-trained maternal transport registered nurses that could be deployed by ground ambulance, helicopter or fixed wing aircraft featuring a self-contained mobile intensive care environment.



Maternal Transport Team

- » LLUCH would be the only labor and delivery program in the Inland Empire where moms and babies can receive the highest level of care, including a Level IV NICU
- » The outside physician or facility would simply call a designated number, and our transfer center would arrange logistics. This unique service would ideally simplify the process of transferring a patient and ensures that the patient is transferred to a facility with the appropriate subspecialties and equipment to handle the patient's level of acuity.
- » Our team would begin communication with an accepting obstetrician and MFM specialist to provide an individualized plan of care from the moment of dispatch until the patient is safely transported from the referring facility to LLUCH



Maternal Transport Team

- » Once the patient arrives at LLUCH, a multidisciplinary team of obstetricians, anesthesiologists and neonatologists would be on hand to care for the high risk mother and neonate. Perinatologists (MFM) and a full range of pediatric subspecialists are available for every type of maternal, fetal and neonatal complex condition.
- » Our Maternal Fetal Institute is available for complete care coordination of pregnancies with congenital anomalies.



Reasons for Maternal Transport

- » Ensuring intrauterine transport ensures ability to complete all intrauterine measures to prolong the pregnancy, provide all benefits to the fetus
- » Allows a multidisciplinary approach to the patient before the fetus is born
- » Allows zero separation of mother and baby
- » Allows possible prolongation and temporization of the pregnancy under the guidance and care of an inpatient antepartum service run by maternal fetal medicine.
- » Ensuring our patient population is at the closest hospital to them to receive care, not a hospital that is hours away.



Continuing Education

- » The Maternal Transport Team at LLUCH would also have the ability to provide continuing education to healthcare professionals, and could offer a wide range of outreach lectures to outlying hospitals.
- » Lecture topics could be customized to specifically meet a facility's needs.



Next steps

- » Build our maternal transport team
- » Work with NICU to model their current team
- » Model after other Maternal Transport teams
- » Market the transport team to our local and regional hospitals
- » Develop and educational outreach plan



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Questions????



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