Unique Plan Description: Neonatal Hypothermia Protocol Pediatric Subphase  
Plan Selection Display: Neonatal Hypothermia Protocol Pediatric Subphase  
PlanType: Medical  
Version: 1  
Begin Effective Date: 5/13/2010 14:40  
End Effective Date: Current  
Available at all facilities  

Neonatal Hypothermia Protocol Pediatric Subphase  

Admit/Transfer/Discharge  
This powerplan is intended for use in treatment of hypoxic ischemic encephalopathy in infants >34 weeks gestational age. (NOTE)*

Condition  
Code status other than full code requires a separate physician's order. (NOTE)*

Vital Signs/Monitoring  

Vital Signs  
Basic Vital Signs | Pulse Oximetry, Q1HR, Include Skin, Rectal and Axillary Temperature, Maintain indwelling rectal thermometer probe at 4cm and secure to thigh.

Vital Signs  
Temperature, Q15MIN, Rectal. Maintain indwelling rectal thermometer probe at 4cm and secure to thigh.

Notify Provider Vital Signs  
HR< 70, MAP< 35mmHG, T> 33.5 Rectal, T< 32.5 Rectal, UOP< 1mL/kg/hr

Patient Monitor  
Cardiorespiratory and Pulse Oximetry, Rectal Temperature

Intake and Output-Strict  
Record UOP Every Hour, Q1HR

Activity  
Turning  
Turn, from side to side to avoid skin injury, Q30MIN

Nursing  
Cooling Measures  
Servo-controlled cooling blanket to keep rectal temperature 32.5 to 33.5 Celsius for 72 hours, No overhead heat source, Do not enclose in incubator.

Urinary Catheter Insertion  
Indwelling Catheter, To Gravity, ONCE

Urinary Catheter Maintenance  
Indwelling Catheter, To Gravity, Constant Indicator

Diet  
If dietary fluid volume restriction is needed, place under the line item of "Dietary Fluid Restricted" in the individual diet order. (NOTE)*

Medications  
magnesium sulfate IV (mg/kg) NEONATAL  
250 mg/kg, IV, Injection, Q24HR, x 72 hour(s)  
Comments: Infuse over 2 hours

Laboratory  
All blood products and type and screen or crossmatch orders require paper physician orders. (NOTE)*

Basic Metabolic Panel  
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)  
Comments: Set Collection Start date-time as Today & Now.

Ionized Calcium POC  
Q12HR, 7, time(s)

Magnesium Level  
Blood, Timed Study collect, Q24HR INTERVAL for 4 time(s)  
Comments: Set Collection Start date-time as Today & Now.

Phosphorus Inorganic  
Blood, Timed Study collect, Q24HR INTERVAL for 4 time(s)  
Comments: Set Collection Start date-time as Today & Now.

CBC with Diff  
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)  
Comments: Set Collection Start date-time as Today & Now.

Prothrombin Time  
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)  
Comments: Set Collection Start date-time as Today & Now.

APTT
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)
  Comments: Set Collection Start date-time as Today & Now.

Fibrinogen
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)
  Comments: Set Collection Start date-time as Today & Now.

D-dimer Quantitative
Blood, Timed Study collect, Q12HR INTERVAL for 7 time(s)

Troponin I Quant
Blood, Timed Study collect, Q48HR INTERVAL for 2 time(s)

Hepatic Function Panel
Blood, Timed Study collect, Q48HR INTERVAL for 2 time(s)
  Comments: Set Collection Start date-time as Today & Now.

Respiratory
  Respiratory Care Communication
    Set ventilator heater temperature to 31 Celsius.

Radiology/Imaging
  US Encephalogram

Diagnostic Tests
  All diagnostic tests must be ordered on paper diagnostic order forms.(NOTE)*

Consults/Ancillary Services
  All medical services consults remain on paper consult form.(NOTE)*

Other
  Subphase Activated

*Report Legend:
DEF - This order sentence is the default for the selected order
GOAL - This component is a goal
IND - This component is an indicator
INT - This component is an intervention
IVS - This component is an IV Set
NOTE - This component is a note
Rx - This component is a prescription
SUB - This component is a sub phase