



Physician Orders PEDIATRIC: LEB DTU Infant Arginine + Clonidine Test Plan

Initiate Orders Phase

Care Sets/Protocols/PowerPlans

- Initiate Powerplan Phase
Phase: LEB DTU Infant Arginine + Clonidine Test Phase, When to Initiate: _____

LEB DTU Infant Arginine + Clonidine Test

Admission/Transfer/Discharge

- Patient Status Initial Outpatient
 T;N Attending Physician: _____
 Reason for Visit: _____
 Bed Type: _____ Specific Unit: DTU
 Outpatient Status/Service: [] Ambulatory Surgery, [] OP Diagnostic Procedure
 [] OP OBSERVATION Services

Vital Signs

- Vital Signs
Monitor and Record T,P,R,BP, Complete baseline vitals (0 min) on arrival and then q30 min times 3 occurrence.
- Vital Signs
Monitor and Record Pulse | Blood Pressure, q30min, For 3 occurrence

Food/Nutrition

- NPO
Keep patient NPO (except for Clonidine dose) during test.

Patient Care

- Weight
- Height
- Whole Blood Glucose Nsg
Stat, once, Obtain baseline sample (at 0 min).
- Whole Blood Glucose Nsg
q30min, For 4 occurrence, After baseline sample (at 0 min) is obtained, begin collecting q30 minutes times 4.
- Intermittent Needle Therapy Insert/Site Care LEB
Routine, for lab draws.
- INT Discontinue
Routine, Discontinue after testing is complete.
- Discharge Instructions

Nursing Communication

- Nursing Communication
Keep patient NPO (except for Clonidine dose) during test.
- Nursing Communication
Infuse Dextrose solution per physician order if blood glucose is less than 70mg/dL AND symptoms of hypoglycemia (tremors, jitteriness, confusion, seizure) occur or blood glucose is less than 50mg/dL.
- Nursing Communication
If symptoms of hypoglycemia (tremors, jitteriness, confusion, seizure) occur, obtain blood sample (GH, Glucose, Cortisol, and ACTH).
- Nursing Communication
When testing is complete and VS stable, discontinue IV and discharge home from DTU. Patient may restart a regular diet unless otherwise noted.
- Nursing Communication
Maintain caution regarding orthostatic hypotension.

Continuous Infusion

- Dextrose 10% in Water (Bolus)





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5 mL/kg, Injection, IV, prn

Comments: Contact physician if blood glucose < 50 mg/dL OR if blood glucose is < 70 mg/dL and patient is symptomatic

- NaCl 0.9%
mL, IV, mL/hr

Comments: TKO (10mL/hour) or up to 2/3 maintenance

Medications

- +1 Hours** arginine
5 mL/kg, Injection, IV, once
Comments: Give over 30 minutes, Max dose: 30g/300ml Dose:5ml/kg = 0.5g/kg.
- +1 Hours** cloNIDine
0.15 mg/m², Tab, PO, once
Comments: Round off to nearest 1/4 tab (0.025 mg) dose, Max dose: 0.1 mg.

Laboratory

- Growth Hormone Human Level
STAT, T;N, once, Type: Blood, Nurse Collect
Comments: Obtain baseline sample (at 0 min), then start IV infusion of Arginine solution (at 0 min) and give PO clonidine dose.
- Growth Hormone Human Level
Time Study, T;N, q30min x 3 occurrence, Type: Blood, Nurse Collect
Comments: After baseline sample (at 0 min) is obtained, begin collecting q30 minutes for 3 occurrences. Time all subsequent blood samples from the start of the Arginine infusion.
- IGF Binding Protein 3
Routine, T;N, Type: Blood, Nurse Collect
- Cortisol Level
Routine, T;N, Type: Blood, Nurse Collect
- TSH
Routine, T;N, Type: Blood, Nurse Collect
Comments: CRQ151994 per Lisa Phillips/Dr. Lahoti should be the in-house testing (Cortisol Level).
- T4 Free
Routine, T;N, Type: Blood, Nurse Collect
- IGFI/Somatomedin-C
Routine, T;N, Type: Blood, Nurse Collect
- ACTH Level
Routine, T;N, Type: Blood, Nurse Collect
- Prolactin Level Pediatric
Routine, T;N, Type: Blood, Nurse Collect

Consults/Notifications/Referrals

- Notify Physician-Continuing
Notify: Endocrinologist at 901-418-0329., Notify For: to report any adverse symptoms or concerns.

Date Time Physician's Signature MD Number

***Report Legend:**

DEF - This order sentence is the default for the selected order





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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, see separate sheet

R-Required order

