



Physician Orders PEDIATRIC: LEB DTU Cyclophosphamide (Cytozan) Lupus Glomerulonephritis Infusion Plan

Initiate Orders Phase

Care Sets/Protocols/PowerPlans

- Initiate Powerplan Phase
Phase: LEB Cyclophosphamide (Cytozan) Lupus Glomerulonephritis Phase, When to Initiate: _____

LEB (Cytozan) Lupus Glomerulonephritis Phase

Admission/Transfer/Discharge

- Patient Status Initial Outpatient
 - T;N Attending Physician: _____
Reason for Visit: _____
Bed Type: _____ Specific Unit: Neurology Infusion Unit (DEF)*
Outpatient Status/Service: [] Ambulatory Surgery, [] OP Diagnostic Procedure
[] OP OBSERVATION Services
 - T;N Attending Physician: _____
Reason for Visit: _____
Bed Type: _____ Specific Unit: Renal Infusion Unit
Outpatient Status/Service: [] Ambulatory Surgery, [] OP Diagnostic Procedure
[] OP OBSERVATION Services
- Discharge Instructions
Followup Appointments: Schedule the next dose in 4 weeks. (DEF)*
Followup Appointments: Schedule the next dose in _____month/months
- Notify Physician-Once
Notify For: upon patient's arrival.

Condition

- Condition
T;N, Fair

Vital Signs

- Vital Signs
Routine Monitor and Record T,P,R,BP, with BP, hourly during the infusions

Food/Nutrition

- Regular Pediatric Diet
- Sodium Control Diet
No added salt
- NPO

Patient Care

- Height
Routine, upon arrival to unit
- Weight
upon arrival to unit





Physician Orders PEDIATRIC: LEB DTU Cyclophosphamide (Cytosan) Lupus Glomerulonephritis Infusion Plan

- INT Insert/Site Care LEB

Nursing Communication

- Nursing Communication
T;N, Continue to administer fluids for 3 hours following the end of the cyclophosphamide infusion.
- Nursing Communication
T;N, Encourage the patient to void at hourly intervals.

Continuous Infusion

- D5 1/2NS
 - 1,000 mL, IV, Routine, mL/m2/hr (DEF)*
Comments: Pre-hydrate for 3 hours before cyclophosphamide infusion. Continue the IV Fluids during the cyclophosphamide infusion and for 3 hours post infusion.
 - 1,000 mL, IV, Routine, 125 mL/hr
Comments: Pre-hydrate for 3 hours before cyclophosphamide infusion. Continue the IV Fluids during the cyclophosphamide infusion and for 3 hours post infusion.
 - 1,000 mL, IV, Routine, 150 mL/hr
Comments: Pre-hydrate for 3 hours before cyclophosphamide infusion. Continue the IV Fluids during the cyclophosphamide infusion and for 3 hours post infusion.
 - 1,000 mL, IV, Routine, 200 mL/hr
Comments: Pre-hydrate for 3 hours before cyclophosphamide infusion. Continue the IV Fluids during the cyclophosphamide infusion and for 3 hours post infusion.
 - 1,000 mL, IV, Routine, 250 mL/hr
Comments: Pre-hydrate for 3 hours before cyclophosphamide infusion. Continue the IV Fluids during the cyclophosphamide infusion and for 3 hours post infusion.
- Sodium Chloride 0.9%
50 mL, IV, Routine, To be used for flush post infusion

Medications

- +1 Hours** ondansetron
*0.15 mg/kg, Ped Injectable, IV, bid, Routine, (for 2 dose), Max dose = 8mg
Comments: and second dose four hours after the first dose of Zofran.*
- +2 Hours** mesna
 - 0.125 g/m2, Injection, IV Piggyback, tid, Routine, (for 3 dose), Use this dose when selecting 0.5 g/m2 cyclophosphamide dose (DEF)*
Comments: administer 30 min prior to cyclophosphamide and second dose four hours after the first dose of Zofran.
 - 0.188 g/m2, Injection, IV Piggyback, tid, Routine, (for 3 dose), Use this dose when selecting 0.75 g/m2 cyclophosphamide dose
*Comments: Each dose = 25% of cyclophosphamide dose, administer first dose 30min prior to cyclophosphamide, second dose immediately after cyclophosphamide infusion and third dose three hours after second dose of mesna. * Three MESNA doses, total Mesna dose is equal to*





Physician Orders PEDIATRIC: LEB DTU Cyclophosphamide (Cytoxan) Lupus Glomerulonephritis Infusion Plan

75% of Cyclophosphamide dose

- 0.25 g/m², Injection, IV Piggyback, tid, Routine, (for 3 dose), Use this dose when selecting 1 g/m² cyclophosphamide dose
 Comments: Each dose = 25% of cyclophosphamide dose, administer first dose 30min prior to cyclophosphamide, second dose immediately after cyclophosphamide infusion and third dose three hours after second dose of mesna. * Three MESNA doses, total Mesna dose is equal to 75% of Cyclophosphamide dose*

+3 Hours cyclophosphamide

- 0.5 g/m², Injection, IV Piggyback, once, Routine, (infuse over 1 hr), Lupus Glomerulonephritis (DEF)*
 Comments: Infuse over 1 hour. To be ran with IV Fluid.
- 0.75 g/m², Injection, IV Piggyback, once, Routine, (infuse over 1 hr), Lupus Glomerulonephritis
 Comments: Infuse over 1 hour. To be ran with IV Fluid.
- 1 g/m², Injection, IV Piggyback, once, Routine, (infuse over 1 hr), Lupus Glomerulonephritis
 Comments: Infuse over 1 hour. To be ran with IV Fluid.

+1 Hours methylPREDNISolone sodium succinate

- 10 mg/kg, Ped Injectable, IV, once, Routine (DEF)*
- 250 mg/kg, Ped Injectable, IV, once, Routine
- 500 mg/kg, Ped Injectable, IV, once, Routine
- 1,000 mg/kg, Ped Injectable, IV, once, Routine

Laboratory

- CBC
 STAT, T;N, once, Type: Blood
- CMP
 STAT, T;N, once, Type: Blood
- ESR
 STAT, T;N, once, Type: Blood
- C3 Complement
 STAT, T;N, once, Type: Blood
- C4 Complement
 STAT, T;N, once, Type: Blood
- Double Stranded DNA Antibody
 STAT, T;N, once, Type: Blood
- Protein Urine Random
 STAT, T;N, once, Type: Urine, Nurse Collect
- Creatinine Urine Random
 STAT, T;N, once, Type: Urine, Nurse Collect
- HCG Quantitative





Physician Orders PEDIATRIC: LEB DTU Cyclophosphamide (Cytosan) Lupus Glomerulonephritis Infusion Plan

- STAT, T;N, once, Type: Blood*
Urinalysis w/Reflex Microscopic Exam
STAT, T;N, once, Type: Urine, Nurse Collect
- ANA
STAT, T;N, once, Type: Blood
- Osmolality Urine
STAT, T;N, once, Type: Urine, Nurse Collect

Date	Time	Physician's Signature	MD Number
------	------	-----------------------	-----------

***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, see separate sheet
- R-Required order

