

UMC Health System PEDIATRIC CYSTIC FIBROSIS PLAN - Phase: .	Patient Label Here
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PHYSICIAN ORDERS

Diagnosis _____

Weight _____ **Allergies** _____

Place an "X" in the Orders column to designate orders of choice AND an "x" in the specific order detail box(es) where applicable.

ORDER ORDER DETAILS

Patient Care

Vital Signs
 Per Unit Standards
 Per Unit Standards, with Sleeping SpO2 nightly until sat greater than 92%

Daily Weight
 Every AM In AM on Monday, Wednesday, and Friday.

Patient Activity
 Up Ad Lib/Activity as Tolerated Bedrest

Strict Intake and Output
 Per Unit Standards q1h
 q2h q4h
 q12h

Insert Peripheral Line

Access Implanted Port

Communication

Notify Provider/Primary Team of Pt Admit
 Upon Arrival to Floor/Unit Now
 In AM

Notify Provider of VS Parameters

Notify Nurse (DO NOT USE FOR MEDS)
 Keep patient at least 3 feet distance from other CF patients.

Instruct Patient
 Instruct Patient On: Activity limitations/expectations, Hand washing/alcohol gel and to wear mask before leaving room.

Patient May Use Own Medical Device

Dietary

Oral Diet
 High Prot/High Cal Diet, with high calorie snacks, limit patient to 1 charonated soda per day.

Infant Feeding
 Maternal Breast Milk, Per: Bottle/Breast/PO, Give feeding: On Demand
 Similac Advance, Per: Bottle/Breast/PO, Give feeding: On Demand

IV Solutions

D5 1/2 NS
 IV, mL/hr

D5 1/2 NS + 20 mEq KCl/L
 IV, mL/hr

NS (Normal Saline)
 IV, mL/hr

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ORDER	ORDER DETAILS
Medications	
Medication sentences are per dose. You will need to calculate a total daily dose if needed.	
Antibiotics	
	tobramycin (tobramycin pediatric) <input type="checkbox"/> Extended Interval Dosing, 10 mg/kg, IVPB syr, syringe, q24h, Infuse over 60 min, [MONITORING ADVISED] Pharmacy to dose and monitor
	piperacillin-tazobactam (piperacillin-tazobactam pediatric) <input type="checkbox"/> 80 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min, [240 mg piperacillin/kg/DAY] <input type="checkbox"/> 100 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min, [300 mg piperacillin/kg/DAY]
	cefepime (cefepime pediatric) <input type="checkbox"/> 50 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min <input type="checkbox"/> 50 mg/kg, IVPB syr, syringe, q6h, Infuse over 30 min
	meropenem (meropenem pediatric) <input type="checkbox"/> 10 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min <input type="checkbox"/> 20 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min <input type="checkbox"/> 40 mg/kg, IVPB syr, syringe, q8h, Infuse over 30 min
	vancomycin (vancomycin pediatric) <input type="checkbox"/> 10 mg/kg, IVPB syr, syringe, q6h, Infuse over 90 min, [40 mg/kg/DAY]., [MONITORING ADVISED] Pharmacy to dose and monitor <input type="checkbox"/> 10 mg/kg, IVPB syr, syringe, q8h, Infuse over 90 min, [30 mg/kg/DAY]., [MONITORING ADVISED] Pharmacy to dose and monitor <input type="checkbox"/> 15 mg/kg, IVPB syr, syringe, q6h, Infuse over 90 min, [60 mg/kg/DAY]., [MONITORING ADVISED] Pharmacy to dose and monitor <input type="checkbox"/> 15 mg/kg, IVPB syr, syringe, q8h, Infuse over 90 min, [45 mg/kg/DAY]., [MONITORING ADVISED] Pharmacy to dose and monitor
	sulfamethoxazole-trimethoprim (sulfamethoxazole-trimethoprim pediatric) <input type="checkbox"/> PO, liq, Every M/W/F, Bactrim 40mg-8mg/mL liquid Give with plenty of water <input type="checkbox"/> PO, liq, BID, Bactrim 40mg-8mg/mL liquid Give with plenty of water <input type="checkbox"/> PO, liq, TID, Bactrim 40mg-8mg/mL liquid Give with plenty of water
	sulfamethoxazole-trimethoprim (sulfamethoxazole-trimethoprim (SMZ-TMP) 400 mg-80 mg oral tablet) <input type="checkbox"/> 1 tab, PO, tab, Every M/W/F, Bactrim SS 400mg-80mg tab Give with plenty of water <input type="checkbox"/> 1 tab, PO, tab, BID, Bactrim SS 400mg-80mg tab Give with plenty of water <input type="checkbox"/> 1 tab, PO, tab, TID, Bactrim SS 400mg-80mg tab Give with plenty of water
	sulfamethoxazole-trimethoprim (sulfamethoxazole-trimethoprim (SMZ-TMP) 800 mg-160 mg oral tablet) <input type="checkbox"/> 1 tab, PO, tab, Every M/W/F, Bactrim DS 800mg-160mg tablet Give with plenty of water <input type="checkbox"/> 1 tab, PO, tab, BID, Bactrim DS 800mg-160mg tablet Give with plenty of water <input type="checkbox"/> 1 tab, PO, tab, TID, Bactrim DS 800mg-160mg tablet Give with plenty of water

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ORDER	ORDER DETAILS
	<p>azithromycin</p> <p><input type="checkbox"/> 250 mg, PO, liq, Every M/W/F Administer with breakfast.</p> <p><input type="checkbox"/> 250 mg, PO, tab, Every M/W/F Administer with breakfast.</p> <p><input type="checkbox"/> 500 mg, PO, liq, Every M/W/F Administer with breakfast.</p> <p><input type="checkbox"/> 500 mg, PO, tab, Every M/W/F Administer with breakfast.</p>
Respiratory	
	<p>dornase alfa</p> <p><input type="checkbox"/> 1.25 mg, inhalation, neb, BID <input type="checkbox"/> 2.5 mg, inhalation, neb, BID</p> <p><input type="checkbox"/> 2.5 mg, inhalation, neb, Daily</p>
	<p>For scheduled albuterol treatments</p> <p>albuterol (albuterol-inhalation pediatric)</p> <p><input type="checkbox"/> 1.25 mg, inhalation, soln, QID <input type="checkbox"/> 2.5 mg, inhalation, soln, QID</p>
	<p>For as needed albuterol treatments</p> <p>albuterol (albuterol-inhalation pediatric)</p> <p><input type="checkbox"/> 1.25 mg, inhalation, soln, q4h, PRN shortness of breath <input type="checkbox"/> 2.5 mg, inhalation, soln, q4h, PRN shortness of breath</p> <p><input type="checkbox"/> 2.5 mg, inhalation, soln, q2h, shortness of breath</p>
	<p>aztreonam (aztreonam inhalation)</p> <p><input type="checkbox"/> 75 mg, inhalation, liq, TID, x 28 days</p>
	<p>tobramycin (tobramycin 60 mg/mL inhalation solution)</p> <p><input type="checkbox"/> 300 mg, inhalation, neb, BID, x 28 days</p>
	<p>sodium chloride (sodium chloride 7% inhalation solution)</p> <p><input type="checkbox"/> 4 mL, inhalation, soln, BID Inhalation only.</p> <p><input type="checkbox"/> 4 mL, inhalation, soln, TID Inhalation only.</p> <p><input type="checkbox"/> 4 mL, inhalation, soln, QID Inhalation only.</p>
	<p>albuterol (albuterol inhalation 90 mcg/inh MDI)</p> <p><input type="checkbox"/> 1 puff, inhalation, aerosol, q4h <input type="checkbox"/> 1 puff, inhalation, aerosol, q4h, PRN shortness of breath</p> <p><input type="checkbox"/> 2 puff, inhalation, aerosol, q4h <input type="checkbox"/> 2 puff, inhalation, aerosol, q4h, PRN shortness of breath</p> <p><input type="checkbox"/> 2 puff, inhalation, aerosol, q6h <input type="checkbox"/> 2 puff, inhalation, aerosol, q6h, PRN shortness of breath</p>
	<p>fluticasone (fluticasone CFC free 44 mcg/inh inhalation aerosol)</p> <p><input type="checkbox"/> 2 puff, inhalation, mdi, BID Shake well.</p> <p><input type="checkbox"/> 1 puff, inhalation, mdi, ONE TIME Shake well.</p> <p><input type="checkbox"/> 2 puff, inhalation, mdi, ONE TIME Shake well.</p>

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	fluticasone (fluticasone CFC free 110 mcg/inh inhalation aerosol) <input type="checkbox"/> 2 puff, inhalation, mdi, BID Shake well. <input type="checkbox"/> 1 puff, inhalation, mdi, ONE TIME Shake well. <input type="checkbox"/> 2 puff, inhalation, mdi, ONE TIME Shake well.
	fluticasone (fluticasone CFC free 220 mcg/inh inhalation aerosol) <input type="checkbox"/> 2 puff, inhalation, mdi, BID Shake well. <input type="checkbox"/> 1 puff, inhalation, mdi, ONE TIME Shake well. <input type="checkbox"/> 2 puff, inhalation, mdi, ONE TIME Shake well.
Gastrointestinal Agents	
	pancrelipase (pancrelipase 5000 units-17,000 units-24,000 units oral delayed release capsule) <input type="checkbox"/> 1 cap, PO, cap sa, TID Take with meals.
	pancrelipase (pancrelipase 10,000 units-32,000 units-42,000 units oral delayed release capsule) <input type="checkbox"/> 1 cap, PO, cap sa, TID Take with meals.
	pancrelipase (pancrelipase 25,000 units-79,000 units-105,000 units oral delayed release capsule) <input type="checkbox"/> 1 cap, cap sa, TID Take with meals.
	famotidine (famotidine pediatric) <input type="checkbox"/> 0.25 mg/kg, PO, liq, BID <input type="checkbox"/> 0.25 mg/kg, IVPush, inj, BID <input type="checkbox"/> 0.5 mg/kg, IVPush, inj, Nightly
	polyethylene glycol 3350 <input type="checkbox"/> 1 packet, PO, liq, Daily, [1 packet = 17 g]
	ursodiol (ursodiol pediatric) <input type="checkbox"/> 10 mg/kg, PO, liq, q12h <input type="checkbox"/> 15 mg/kg, PO, liq, q12h
Vitamins	
	multivitamin with minerals (AquADEKs oral tablet, chewable) <input type="checkbox"/> 1 tab, PO, tab chew, Daily
	multivitamin with minerals (AquADEKs oral liquid) <input type="checkbox"/> 1 mL, PO, liq, Daily
	phytonadione <input type="checkbox"/> 5 mg, PO, soln, Every M/W/F
Laboratory	
	CBC with Differential

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	Prothrombin Time with INR
	Basic Metabolic Panel
	Comprehensive Metabolic Panel
	IgE
	Vitamin A Level
	Vitamin E Level
	Vitamin D 25 Hydroxy Total
	Hemoglobin A1C
	Glucose Fasting
	Glucose 2hr Post Prandial
	Culture Sputum with Gram Stain
Diagnostic Tests	
	DX Chest PA & Lateral <input type="checkbox"/> Routine
Respiratory	
	Oxygen (O2) Therapy <input type="checkbox"/> 1-6 L/min, Via: Nasal cannula, Keep sats greater than: 90% <input type="checkbox"/> 6-12 L/min, Via: High Flow Nasal Cannula, Keep sats greater than: 90% <input type="checkbox"/> 6-12 L/min, Via: Simple mask, Keep sats greater than: 90% <input type="checkbox"/> 10-15 L/min, Via: Nonrebreather mask, Keep sats greater than: 90% <input type="checkbox"/> Via: Venturi mask, Keep sats greater than: 90% <input type="checkbox"/> 1-15 L/min, Via: Trach collar, Keep sats greater than: 90%, heated and humidified
	Chest Physiotherapy <input type="checkbox"/> Target Lung Area(s): All lung areas, 4x/day <input type="checkbox"/> Target Lung Area(s): All lung areas, 3x/day <input type="checkbox"/> Target Lung Area(s): All lung areas, 6x/day

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