

CDU CHF (Diuresis) Orderset Instructions

1. Type in CDU

Then click New tab

2. Choose Adult CDU CHF

The screenshot shows the 'Orders' management interface. In the 'Order Sets' section, 'CDU' is entered into the search field, and the 'New' button is highlighted. Below, the 'Order and Order Set Search' window displays a list of order sets. 'Adult CDU CHF' is selected in the list.

Name	User Version Name	Type
ED CDU Asthma/COPD		Order Set
ED CDU Asthma/COPD	My version	Order Set
ED CDU Observation		Order Set
Adult CDU CHF		Order Set
ED CDU Chest Pain		Order Set
ED CDU Chest Pain	My version	Order Set
ED CDU Renal Colic		Order Set
ED CDU TIA		Order Set
ED CDU TIA	My version	Order Set
ED Pediatric CDU Admission		Order Set
ED Pediatric CDU Mild Asthma Pathway		Order Set
ED Pediatric CDU Moderate Asthma Pathway		Order Set

Do not remove Prechecked orders unless necessary. Diet order and cardiology consult must remain

Refer to next two slide for how to fill out these

The screenshot shows the configuration page for the 'Adult CDU CHF' order set. Under the 'Nursing Interventions' section, several items are pre-checked: Telemetry Monitoring, Vital Signs, Weigh Patient on arrival and daily AM, Measure Intake and Output, Cardiac (Chol Lowering- NAS- Decaf), Activity as Tolerated, and Provide Patient Education: Congestive Heart Failure - Use Elsevier. Under 'Physician Consults', 'Inpatient Consult to Cardiology' is pre-checked. A red box highlights these pre-checked items with instructions. The right side of the screen shows the 'Order Sets' management interface with a list of order details.

Order Sets

Orders Clear All Orders

Adult CDU CHF Manage User Versions

General

Telemetry Monitoring Accept Cancel

Priority: Routine

Frequency: 48 hours

For: Hours Days Weeks

Starting: 6/12/2020 Today Tomorrow At: 1250

Scheduled Times: 06/12/20 1250

Select a clinical indication:

Acute Cardiomyopathy Acute Coronary Syndrome Acute MI Acute Myocarditis

Blunt Chest Trauma Chest pain Drug Overdose Electrolyte imbalance EP procedure

Evaluation of Arrhythmia Monitor anti-arrhythmic drugs Monitor IV vasoactive medications

New conduction defect Patient prescribed the LIFEVEST Post-OP after major procedure Stroke

Syncope Unstable Angina Other

Please specify reason for chosen level of telemetry

Comments: Add Comments (F6)

Next Required Accept Cancel

Manage Orders **Order Sets** Options

Place new orders or order sets New

Standard Next

Inpatient Consult to Cardiology

Order details

Provide Patient Education: Congestive Heart Failure - Use Elsevier

Routine, Daily, First occurrence tomorrow at 0600, Until Specified
Type of education to be provided: Congestive Heart Failure - Use Elsevier

Activity as Tolerated

Routine, Until discontinued, starting today at 1250, Until Specified

Cardiac (Chol Lowering- NAS- Decaf)

Diet effective now, starting today at 1250, Until Specified
Dietitian Protocol: Delegate diet order modifications and supplement orders to the dietitian protocol
Protocol Document: https://intranet.lifespan.org/sites/default/files/Admin%20127%20Medical%20Nutrition%20Therapy%20Diet%20Order%20Entry_11-19.pdf
Diet Type: Cardiac (Chol Lowering- NAS- Decaf)

Measure Intake and Output

Routine, Until discontinued, starting today at 1250, Until Specified
Fluid restriction (<1500mL / 24hr) UOP goal: 250-500mL in first 2hr after IV diuretic, goal 500mL -1L/day
How frequently? General care - Adult (every 8 hours)

Weigh Patient on arrival and daily AM

Routine, Daily, First occurrence tomorrow at 0600, Until Specified

Vital Signs

Routine, Every 4 hours, First occurrence today at 1600, Until Specified

Telemetry Monitoring

Routine, 48 hours, starting today at 1250, for 48 hours

Remove All Save Work Sign

Order Sets

Routine, Until discontinued, Starting Today at 1250, Until Specified

Provide Patient Education: Congestive Heart Failure - Use Elsevier
Routine, Daily, First occurrence tomorrow at 0600, As Scheduled
Type of education to be provided: Congestive Heart Failure - Use Elsevier

Tobacco Cessation Education if applicable
Routine Until Specified

Physician Consults

Inpatient Consult to Cardiology Accept Cancel

Consult: From: To:

Priority: Routine **STAT**

Reason for consult?

Additional Comments:

1. RIH & TMH - you must contact the consulting service directly. In the event that you require assistance, ensure that the order is placed and speak to the unit secretary.

2. NPH only - For STAT consult orders, the ordering provider must contact the consulting service directly.

For routine consult orders, the ordering provider must verbally inform the nurse or unit secretary that a consult

Reference Links:

1. Consultant Group Reference

Process Inst:

1. RIH: Lifespan Call Center: (401) 444-4000

2. TMH: If patient has an existing Cardiologist listed in the link, contact via the Lifespan Call Center: (401) 793-2500. If not may consult any group listed

3. NPH: Cardiovascular Institute - Lifespan: (401) 845-1201
Southeast Cardiovascular Associates: (401) 849-9042

Comments: Add Comments (F6)

Next Required Accept Cancel

Manage Orders **Order Sets** Options

Place new orders or order sets New

Standard Next

Provide Patient Education: Congestive Heart Failure - Use Elsevier

Routine, Daily, First occurrence tomorrow at 0600, Until Specified
Type of education to be provided: Congestive Heart Failure - Use Elsevier

Activity as Tolerated

Routine, Until discontinued, starting today at 1250, Until Specified

Cardiac (Chol Lowering- NAS- Decaf)

Diet effective now, starting today at 1250, Until Specified
Dietitian Protocol: Delegate diet order modifications and supplement orders to the dietitian protocol
Protocol Document: https://intranet.lifespan.org/sites/default/files/Admin%20127%20Medical%20Nutrition%20Therapy%20Diet%20Order%20Entry_11-19.pdf
Diet Type: Cardiac (Chol Lowering- NAS- Decaf)

Measure Intake and Output

Routine, Until discontinued, starting today at 1250, Until Specified
Fluid restriction (<1500mL / 24hr) UOP goal: 250-500mL in first 2hr after IV diuretic, goal 500mL -1L/day
How frequently? General care - Adult (every 8 hours)

Weigh Patient on arrival and daily AM

Routine, Daily, First occurrence tomorrow at 0600, Until Specified

Vital Signs

Routine, Every 4 hours, First occurrence today at 1600, Until Specified

Telemetry Monitoring

Routine, 48 hours, starting today at 1250, for 48 hours

Inpatient Consult to Cardiology

Order details

Remove All Save Work Sign

Order Sets

Diuretic Therapy

For patients not on diuretic at home: start with furosemide 40mg IV.
 For patients on furosemide at home: give IV equivalent to home PO dose up to 80mg.
 For patients on bumetanide at home: give IV equivalent to home PO dose, up to 2mg.

- furosemide (LASIX) injection (\$)
Intravenous
- furosemide (LASIX) tablet (\$)
Oral
- bumetanide (BUMEX) 0.25 mg/mL injection (\$\$)
Intravenous
- bumetanide (BUMEX) tablet (\$\$)
Oral

Magnesium Repletion

N.B. Administer no more than 2g/hr

Magnesium Repletion (Normal Range 1.5-2.6 mg/dL)

Serum Magnesium	IV Dose
1.5-1.9	2 g Magnesium sulfate x 1 dose
1.2-1.4	2 g Magnesium sulfate x 2 doses
0.8-1.1, Notify ED MD/DO	2 g Magnesium sulfate x 3 doses

- magnesium sulfate injection (\$\$)
2 g, Intravenous, Every 1 hour for 1 dose
- magnesium sulfate injection (\$\$)
2 g, Intravenous, Every 1 hour for 2 doses
- magnesium sulfate injection (\$\$)
2 g, Intravenous, Every 1 hour for 3 doses

Potassium Repletion

N.B. PO route generally preferred over IV. If administering IV, give no more than 10 mEq/hr through peripheral IV.

Order Diuretic and dose based on these instructions

Follow dose instructions and order IV dose of magnesium based on most recent level

Manage Orders **Order Sets** Options

Place new orders or order sets + New

Standard Next

- Inpatient Consult to Cardiology**
- Order details**
- Provide Patient Education: Congestive Heart Failure - Use Elsevier**
- Activity as Tolerated**
Routine, Until discontinued, starting today at 1216, Until Specified
- Cardiac (Chol Lowering- NAS- Decaf)**
- Diet effective now, starting today at 1216, Until Specified**
Dietitian Protocol: Delegate diet order modifications and supplement orders to the dietitian protocol
Protocol Document: https://intranet.lifespan.org/sites/default/files/Admin%20127%20Medical%20Nutrition%20Therapy%20Diet%20Order%20Entry_11-19.pdf
Diet Type: Cardiac (Chol Lowering- NAS- Decaf)
- Measure Intake and Output**
Routine, Until discontinued, starting today at 1216, Until Specified
Fluid restriction (<1500mL / 24hr) UOP goal: 250-500mL in first 2hr after IV diuretic, goal 500mL -1L/day
How frequently? General care - Adult (every 8 hours)
- Weigh Patient on arrival and daily AM**
Routine, Daily, First occurrence tomorrow at 0600, Until Specified
- Vital Signs**
Routine, Every 4 hours, First occurrence today at 1600, Until Specified
- Telemetry Monitoring**
Routine, 48 hours, starting today at 1216, for 48 hours

Remove All Save Work Sign

Order Sets

Potassium Repletion

N.B. PO route generally preferred over IV. If administering IV, give no more than 10 mEq/hr through peripheral IV.

Potassium Level (mEq/dL)	PO Dose*	IV Dose*
3.7-3.9	20 mEq	---
3.3-3.6	40 mEq	10 mEq
3.0-3.2	40 mEq x 2 doses, 4hr apart	10 mEq x 4 doses
<3.0, Notify ED MD/DO	---	10 mEq x 6 doses

*If Cr >2.5 mg/dL, decrease the potassium dose by half.

- PO doses
- IV doses

Medications

Nicotine Replacement

The nicotine products listed below may be used as monotherapy or in combination therapy. Combination therapy should include a nicotine patch plus nicotine gum.

Cigarettes per Day	Recommended Starting Dose
Less than 5 Cigarettes per Day (¼ pack)	Nicotine patch, 7mg
6 to 10 Cigarettes per Day (½ pack)	Nicotine patch, 14 mg
11-25 Cigarettes per Day (1 Pack)	Nicotine patch, 21 mg
Less than 25 Cigarettes per Day	Nicotine Gum, 2mg
More than 25 Cigarettes per Day	Nicotine Gum, 4mg
1 st cigarette within 30 min of waking	Nicotine Gum, 2mg
1 st cigarette after 30 min of waking	Nicotine Gum, 4 mg

Follow dose instructions and order PO/IV doses based on most recent Potassium level

Manage Orders **Order Sets** Options

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Standard Next

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Routine, Daily, First occurrence tomorrow at 0600, Until Specified
- Vital Signs**
Routine, Every 4 hours, First occurrence today at 1600, Until Specified
- Telemetry Monitoring**
Routine, 48 hours, starting today at 1216, for 48 hours

Remove All Sign when Complete Save Work Sign

Remember to Reconcile and order Patients Home Medications