

From the Office of Clinical Informatics **Cerner Powerchart** Paracentesis Diagnostic PowerPlan November 8, 2019

In an ongoing effort to streamline processes and increase efficiencies, the Paracentesis Diagnostic PowerPlan will become available on November 22, 2019. This new ambulatory PowerPlan has been carefully designed and will replace the use of the inpatient Paracentesis Order Module for ambulatory patients.

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Where to Find the PowerPlan Order

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This PowerPlan, titled AMB Paracentesis Diagnostic, can be found as follows:

▶ For Primary Care, the PowerPlan can be found in the Primary Care Quick Orders page, in the Ultrasound/Duplex folder:

| For Gastroenterology, the PowerPlan can be found in |
|---|
| the Gastro Quick Orders page, in the Ultrasound |
| folder: |

| < 🔹 📩 Ambulatory View |
|--|
| Back 🖶 🕒 🔍 🔍 100% 🕞 🖨 🖨 |
| Primary Care Quick Orders X |
| Inpatient Orders Prescriptions All |
| Imaging/Diagnostics =• 🛇 |
| ► Cardiology |
| ▶ CT |
| Women's Health/Mammography |
| MRI Spine |
| MRI Upper Extremity |
| MRI Lower Extremity |
| ⊿ Ultrasound/Duplex |
| MB Paracentesis Diagnostic AMB Paracentesis Diagnostic |
| Diagnostic X-Ray |
| |
| |

| < 🔹 🔹 者 Ambulatory View | | | | | | | | |
|--|-----|--|--|--|--|--|--|--|
| | | | | | | | | |
| Gastro Quick Orders × | | | | | | | | |
| Inpatient Orders Prescriptions All | | | | | | | | |
| Radiology E | • • | | | | | | | |
| MRI Nuclear Medicine | | | | | | | | |
| △ Ultrasound ▲ AMB Paracentesis Diagnostic AMB Paracentesis Diagnostic ▲ X-Ray | | | | | | | | |

The AMB Paracentesis Diagnostics PowerPlan can also be found by searching using the New NOTE: **Order Entry component.**

How to Use the PowerPlan

> The Paracentesis Diagnostic PowerPlan is divided into two sections:

| Orders Medication List Document In Plan | | | | | | |
|---|--------|----------------|--|---|--|-----------------|
| | | | | | | |
| l l | 4 8 | 🖁 🍙 Diagnose | s 🛇 🕂 | Add to Phase 🔹 🛕 Check Alerts | Start: Now Duration: None | |
| View | | S | Ÿ | Component | Status Details | |
| Orders for Signature | AMR Pa | aracentesis Di | annostic | Paracentesis Request/Labs (Planne | d Pendina) | |
| ⊟ Plans | d Pati | tient Care | agnosad; | and controls in equips of cars (i minin | a county | |
| - Document In Plan | | dent core | | US Paracentesis 49083 | ▼ abdominal fluid retention and swelling x 2 weeks. Future Study/Date In Approximately 1 Week(s) Grace Per | riod (+/-) 2 D |
| i Medical | 12 | | /8 | Indicate if Albumin replacement d | esired if 6 liters or greater of ascites removed during name received and streaming a E weeks, where study store in approximately + weeks, where it is | 100 (17 7 2 011 |
| AMB Paracentesis Diagnostic | | | . X | Standard IV Albumin Replacement | Orders (NURSE DIRECTED) - Administer 6.25 grams of 25% Albumin human IVPB for every 1 liter Ascites Fluid removed over 5 liters during Paracentesis: Max total rec | placement |
| Paracentesis Request/Labs (Planned Pending) | | | ···· , · · · · , · · · · , · · · · · · | | | |
| Nurse Directed (Planned Pending) | M | | 😓 🕫 💋 | Provider Communication | Procedural Nurse to initiate Nurse Directed phase and begin albumin replacement as indicated, See Order Comm | ents for Dosi |
| | | | | | Give 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during parace | entesis. Para |
| | | | 😓 🖙 💆 | Provider Communication | No Albumin replacement | |
| | | | 3 | Non-standard albumin orders MU | of be placed outside the PowerPlan | |
| | | | 9 🖸 | Notify If | Notify ordering provider if greater than 12 liters of ascites fluid removed during procedure, for additional orders. | |
| | ⊿ Lab | poratory | | | | |
| | | | . 🧿 | Preferably collect abdominal fluid | for Albumin or Cell Count in 10 mL dark green vacutainer | |
| | | | 😣 💆 | Provider Communication | Albumin Level Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | Cell Count Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| = | | | 😣 💆 | Provider Communication | Anaerobic/Aerobic Culture & Gram Stain, ABDOMINAL FLUID, Expedite, Start: T;N, ONCE | |
| | | | . 🍼 | Order serum Albumin if NOT DON | E in past 24-hours | |
| | | | 😣 🖸 | Provider Communication | Albumin Level, BLOOD, Expedite, Start: T;N, ONCE, If not done in past 24-hours | |
| | | | 😣 🖸 | Provider Communication | Triglyceride Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | Bilirubin Total Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | Amylase Level Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 🖾 | Provider Communication | Fungal Culture, ABDOMINAL FLUID, Expedite, Start: T;N, ONCE | |
| | | | 😣 💆 | Provider Communication | Acid Fast Bacilli Culture & Smear, ABDOMINAL FLUID, Expedite, Start: T;N, ONCE | |
| | | | 😣 💆 | Provider Communication | Hematocrit Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 🔒 🖸 | Provider Communication | LDH Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | Protein Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | Glucose Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 💆 | Provider Communication | pH Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect | |
| | | | 😣 🖸 | Provider Communication | Non-GYN Cytology Dahl-Chase, ASCITES FLUID | |

- Patient Care Section
 - Includes the preselected Ultrasound Paracentesis Order.
 - Provider Communication Orders.
 - These orders direct RN staff to give or withhold albumin replacement therapy.

• Laboratory Section

- Includes Provider Communication Orders vs. actual lab orders.
 - The Provider Communication orders in the Nurse Phases prevents the labs from being ordered under the inappropriate paracentesis.
 - Will eliminate the known issue of phases getting lost/system canceled/DC when appointments are rescheduled.
 - Will provide a more streamlined approach to managing these orders.

> Providers plan the orders of the Paracentesis Diagnostic PowerPlan

- **<u>STEP 1</u>**: Select the appropriate check box(es) as applicable for the patient.
 - Provider Communication orders take the place of the lab orders.
- **<u>STEP 2</u>**: Fill in any required order details as indicated, with a blue circle with white X, by double clicking in the **Details** column of the order.
- STEP 3: Select the Initiate Now button. If Initiate Now
 - The Diagnosis Selection window displays.
 - Document the patient's diagnosis and select the Apply Diagnosis to All checkbox.
 - Select Ok.

- **<u>STEP 4</u>**: Select the **Orders for Signature** and **Sign** buttons.
 - Refresh the screen.

How will the Planned Orders be Managed

- Imaging nursing staff will work with the Nurse Directed Phase of the PowerPlan.
- View
 Orders for Signature
 Plans
 Document In Plan
 Medical
 AMB Paracentesis Diagnostic
 Paracentesis Request/Labs
 Nurse Directed (Planned)
 E
- Navigation View.

Nursing staff would select Nurse Directed phase from the

| ∢]¶ | 🔓 🝺 Diagno | ises 🚫 | +/ | Add to Phase 🔹 🛕 Check Alerts 🛛 Star | t: Now | | Duration: | 26 Hours | | |
|-------------|--------------|-----------|------------|--|---|--|---|---|---|---|
| 8 | \$ \$ | 8 | | Component | | | Status | | D | Details |
| AMB F | Paracentesis | Diagnos | tic, I | Nurse Directed (Planned) | | | | | | |
| ⊿ Pa | atient Care | | | | | | | | | |
| P | | & ⇔ | 7 | Provider Communication | | | | | ▼ G | itart: T;N, Procedural Nurse to initiate Nurse Directed phase and begin albumin replacement as indicated, See Ord… sive 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during parac… |
| | | CO | 7 | Provider Communication | | | | | N | lo Albumin replacement |
| P | | \$ | | Notify If | | | | | 💌 S | tart: T;N, Notify ordering provider if greater than 12 liters of ascites fluid removed during procedure, for additio |
| ⊿ M | ledications | | | | | | | | | |
| All | Ibumin Order | s - Nurse | Dire | ected | | | | | | |
| | | | ' 9 | Paracentesis TOTAL 6 liters accites flui Paracentesis TOTAL 7 liters ascites flui Paracentesis TOTAL 8 liters ascites flui Paracentesis TOTAL 9 liters ascites flui Paracentesis TOTAL 10 liters ascites flu Paracentesis TOTAL 11 liters ascites flu | d removed d removed d removed d removed id remove id remove id remove | l give 6 l give 1 l give 1 l give 2 d give d give d give | .25 grams A 2.5 grams A 8.75 grams 5 grams All 31.25 gram 37.5 grams 43.75 gram | Ilbumin hum Ilbumin hum Albumin hum bumin huma 5 Albumin hu 5 Albumin hu 5 Albumin hu | nan 25% nan 25% man 25% IN 25% IV uman 25% man 25% uman 25% | ነጥይ ነጥይ ६ ጥይ ሃይ የራ በጥይ 6 ጥይ |
| | | | 8 | albumin human (albumin human 25% solution) | intraveno | us | | | 1. G | 2.5 gm, Soln, IVPB, ONCE, with Paracentesis sive 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during paracentesis |
| | | | ീ | albumin human (albumin human 25% solution) | intraveno | us | | | 1. G | 2.5 gm, Soln, IVPB, ONCE, with Paracentesis iive 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during paracentesis |
| | | | ീ | albumin human (albumin human 25% solution) | intraveno | us | | | 1. G | 2.5 gm, Soln, IVPB, ONCE, with Paracentesis inve 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during paracentesis |
| | | | ീ | albumin human (albumin human 25% solution) | intraveno | US | | | 1 G | 2.5 gm, Soln, IVPB, ONCE, with Paracentesis sive 6.25 grams of 25% Albumin human IVPB for every 1 liter above 5 liters of ascites fluid removed during paracentesis |
| ⊿ La | boratory | | | | | | | | | |
| | | | ٩ | Order serum Albumin if NOT DONE in | past 24-ho | ours | | | | |
| | | | ٢ | Albumin Level Body Fluid | | | | | | |
| R | | \$ | | Provider Communication | | | | | ▼ S | itart: T;N, Albumin Level Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect |
| 2 | | R | | Albumin Level Body Fluid | | | | | A | ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect |
| | | | ٢ | Cell Count Body Fluid | | | | | | |
| | | \$ | | Provider Communication | | | | | C | ell Count Body Fluid, ABDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect |
| | | | Ø | Cell Count Body Fluid | | | | | А | BDOMINAL, Expedite, Start: T;N, ONCE, Nurse Collect |
| | | | 18 | Apperohic/Aerohic Culture & Gram St | in | | | | | |

- From the Nurse Directed phase, staff will review the Provider Communication orders.
- Select the applicable albumin and labs orders based on the Provider Communication orders selected.
 - Labs are to be initiated by the nurse at the time of the procedure.
- Once the check boxes are selected, staff would select the **Initiate Now** button, the **Orders for Signature** button and then sign the order(s).
- If albumin orders need to be place after Nurse Directed phase is initiated, click the **View Excluded Components** lightbulb button to view and place the albumin orders.
- Nursing staff are asked to discontinue the Nurse Directed phase as well as the PowerPlan after they've been completed.

For questions regarding process and/or policies, please contact your unit's Clinical Educator or Clinical Informaticist. For any other questions please contact the Customer Support Center at: 207-973-7728 or 1-888-827-7728.