

From the Office of Health Informatics ECG Management AMB, INP, and ED Provider ECG Review

July 3, 2025

ECG Management is a tool that allows ECG tracings to be transferred electronically into Oracle Health (Cerner) and are immediately available within the patient chart for Providers to review.

Provider Workflow to review ECG within the patient chart

- **<u>STEP 1</u>**: Enter the appropriate **CV ECG** order.
- **<u>STEP 2</u>**: Clinical staff will aquire the ECG and transfer the study to Oracle Health (Cerner).
- **<u>STEP 3</u>**: ECG is viewable in the **Diagnostic** component on the workflow MPage.
- **<u>STEP 4</u>:** Click the CV ECG hyperlink to open the **ECG Viewer**.



<u>NOTE:</u> Ambulatory Only – ECG results will populate the ordering provider's Message Center when the final interpretation is complete.

ECG Viewer Tools and Views

Patient Prof	file 4	Views Views	Active ED R	eview & C	lose	Prelim & Close Mark	ECG As Abn	ormal 👻				
⊿ Patient	TESTING, LUKE	06/22/2020 5:39 ED	T Mo	n, 06/22/2	020 5:37	7 EDT Mon, 06/	/22/2020 5:35 E	DT Mon, 06/22/2020 5:	34 EDT Mon, 06/22/2	020 5:33 EDT	Thu, 06/11/2020 13:47 EDT	🗐 🕩
Se	× Male	Acquired: 0	6/03/2020 1	4-46-31	Nam		ID:2101128	DOR: 10/24/1959 Are	60 Years Sev Male			T
Date of Birth Sat, 10/24/1959		Addition of a state and a state an										
Age The	n 60 years	Vent rate		73	BPM	Interpretation	History					Ť
Age Nov	w 60 years	PD int		314745	me							
MRN 2191128 Encounter Ty Emergency ⊿ Allergies (1) Drug No Known Medice		FIXIN		214/45	1115	Atrial fibrillation? atrial activity					^	
		QRS dur		104	ms	Minimal ST depression, lateral leadsST <-0.04mV, 1 aVL V5 V6						
		QT/QTc	401 2147	-7	ms 53	PRELIM	PRELIM D REVIEW					
		P-R-T axes				ED REVIEW						
⊿ Current Medications (5)		Ave DD		000								
naproxen (Al 220 mg = 1 TAB, F amLODIPine 10 mg = 1 TAB, P daratumuma 1,120 mg, IV, Even daratumuma 1,120 mg, IV, Even		AVY KK		822	ins							
		QTCB QTCF	442	ms					-			
				428	ms							
			120 110	ABNORMAL ECG								
acetaminoph.	500 mg = 1 TAB, F											
⊿ Historical Proc	edures (3)											25
Tue, 06/23/20.	CV ECG / Signed											
Tue, 05/05/20.	CV ECG / Signed											
Thu, 04/30/2.	CV ECG / Signed											
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Patient Profile

- Located in the left margin
- Contains basic patient demographic information along with Allergies, Current Medications, and Historical Procedures.

Patient Profile	Patient Profile									
	Patient									
	 Allergies (3) 									
	 Current Medications (5) 									
	 Historical Procedures (4) 									

Views

- Change fiducial measurements
- Unable to change views for ECGs acquired on Phillips and Welch Allyn carts.

Comparison ECG toolbar

• Click box to the left of a previous ECG date to compare to the active ECG.

Active - Tue, 07/21/2020 14:15 EDT Tue, 07/21/2020 13:39 EDT Tue, 07/21/2020 13:27 EDT Tue, 07/21/2020 12:26 EDT Tue, 07/21/2020 11:57 EDT Tue, 07/21/2020 10:52 EDT

Gears Icon

- **Gain** feature to change the ECG gain.
- **Filter** unavailable for ECGs acquired on Phillips and GE carts.
- Lead Layout allows the ability to change the format of the leads on the ECG.

Print Icon

• **Print** the ECG populated in the ECG Viewer to a designated printer.





- A comparison ECG must be selected in the **Comparison Toolbar** for this button to populate.
- Allows for comparison of two ECGs within the ECG viewer, current ECG is on top with a previous ECG on bottom.
- The blue text box is a textual comparison, and can be moved to not hide the waveform underneath.

Compare Icon



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Calipers Icon

- **Calipers** are quickly drawn by left mouse click and drag anywhere on the waveform.
- Multiple calipers can be drawn within a waveform.
- Calipers can be moved by selecting the dashed line and dragging the entire caliper to a new location.



- Calipers can be resized by selecting the solid blue lines and dragging them closer together or farther apart vertically or horizontally.
- Right-click a caliper to view other options or to remove.

For questions regarding process and/or policies, please contact your unit's Clinical Educator. For questions regarding workflow, please <u>place a ticket</u> to Health Informatics. For any other questions please contact the Customer Support Center at: 207-973-7728 or 1-888-827-7728.