

Evaluating multiple recordings

(See Demos 6-1 to 6-3)

Evaluating multiple recordings

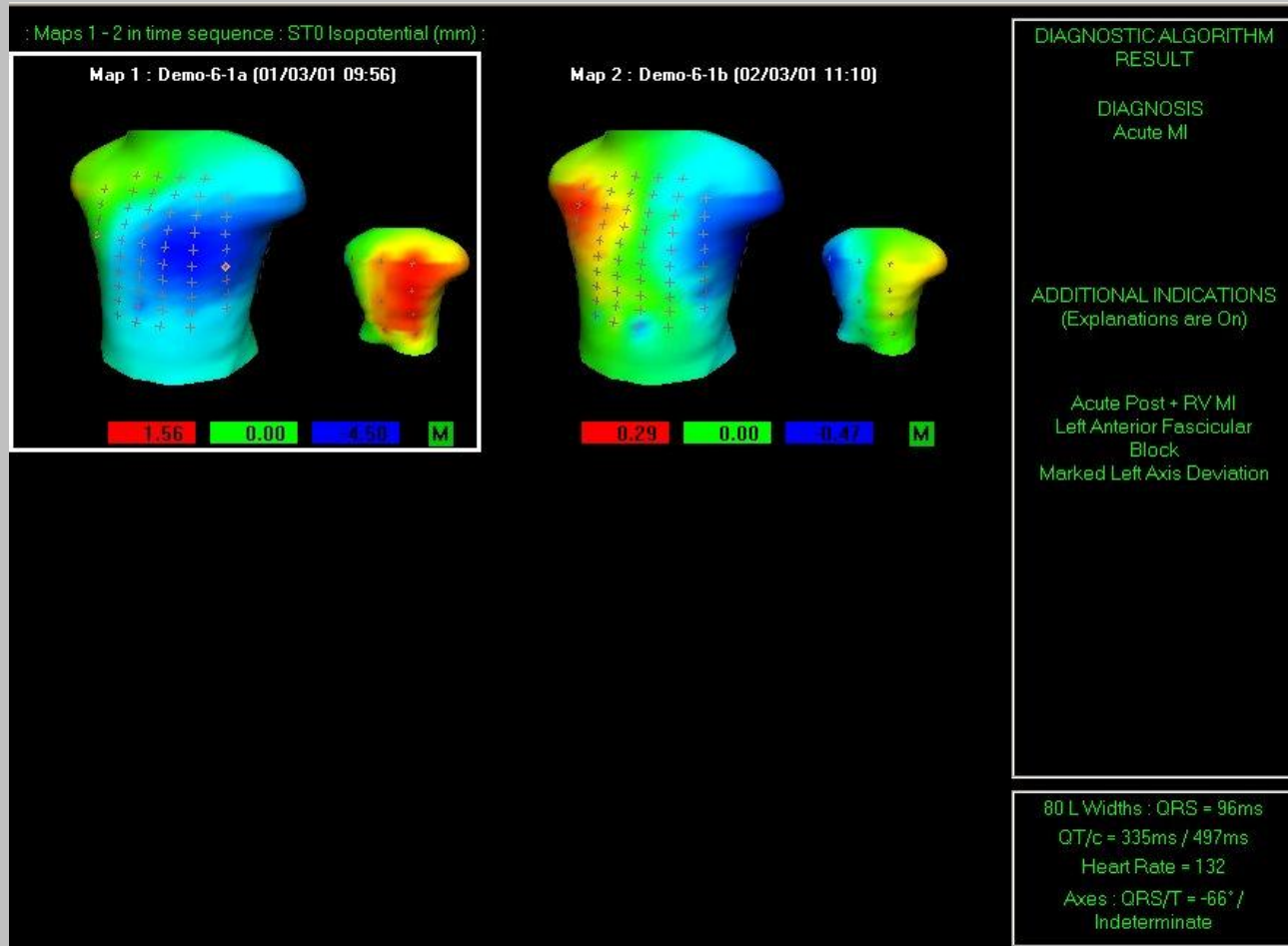
- Recordings will be sequenced in chronological order
- Data available for analysis includes:
 - All map information
 - Diagnostic Algorithm result
 - ECG pop ups
 - Beat view
- Data not available includes:
 - 12 lead raw
 - 80 lead raw
 - ST0 Filter

Loading and viewing maps

- Load multiple recordings by selecting patient records from the filing cabinet button
 - Does not need to be the same patient
 - Must be analysed recordings, so that there is map data
- Use normal Windows conventions of Shift+click and Ctrl+click to select up to 10 recordings
- Defaults to showing the quad view of each recording, one recording at a time
- Can change to one map from all recordings in the format button

Demo case 6-1 (successful reperfusion)

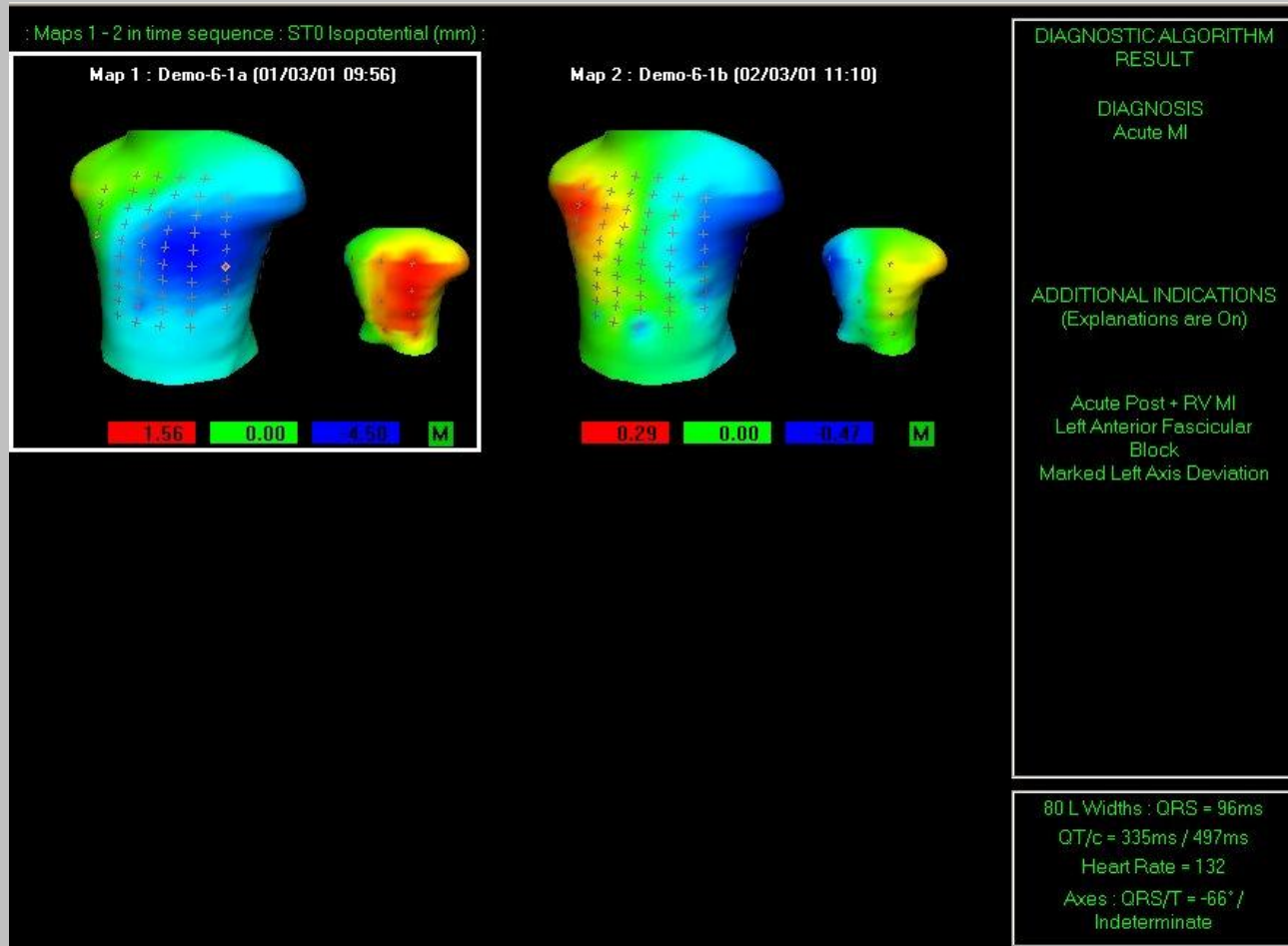
Each map has patient name and date/time stamp in the title



Demo case 6-1 (successful reperfusion)

Each map has patient name and date/time stamp in the title

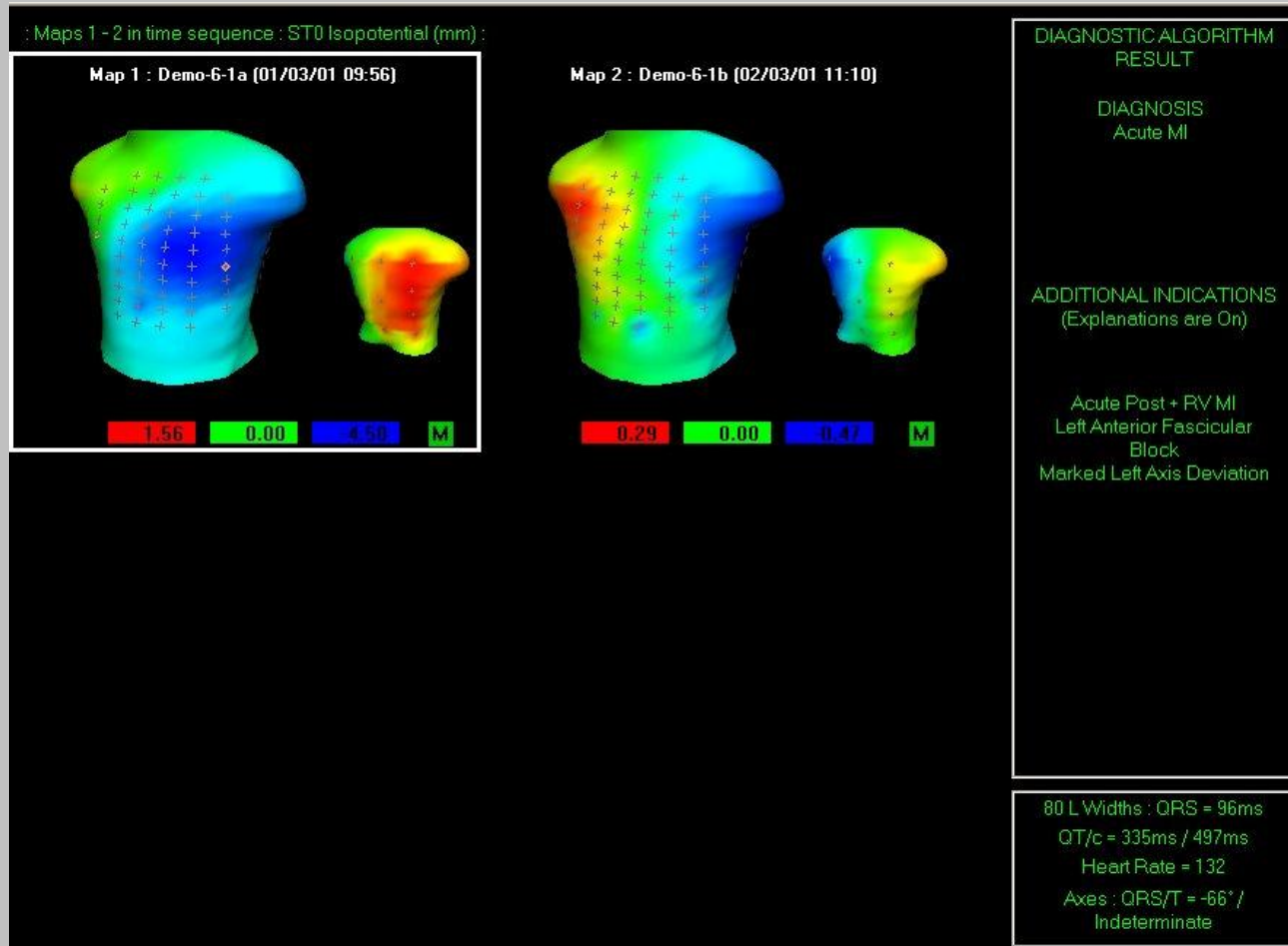
Note that each map is individually colored



Demo case 6-1 (successful reperfusion)

Each map has patient name and date/time stamp in the title

Note that each map is individually colored

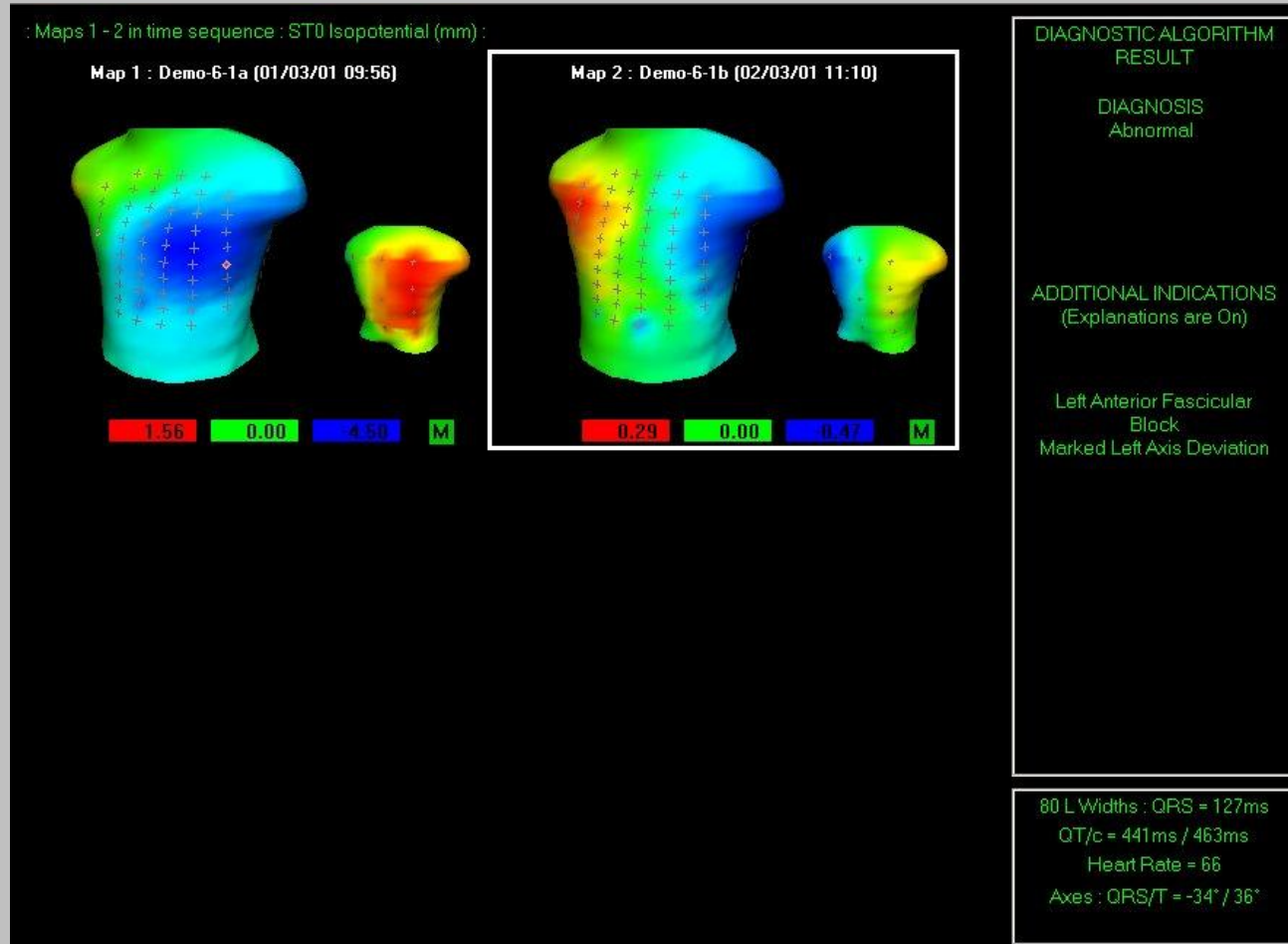


Diagnostic algorithm result is for the recording in white box

Demo case 6-1 (successful reperfusion)

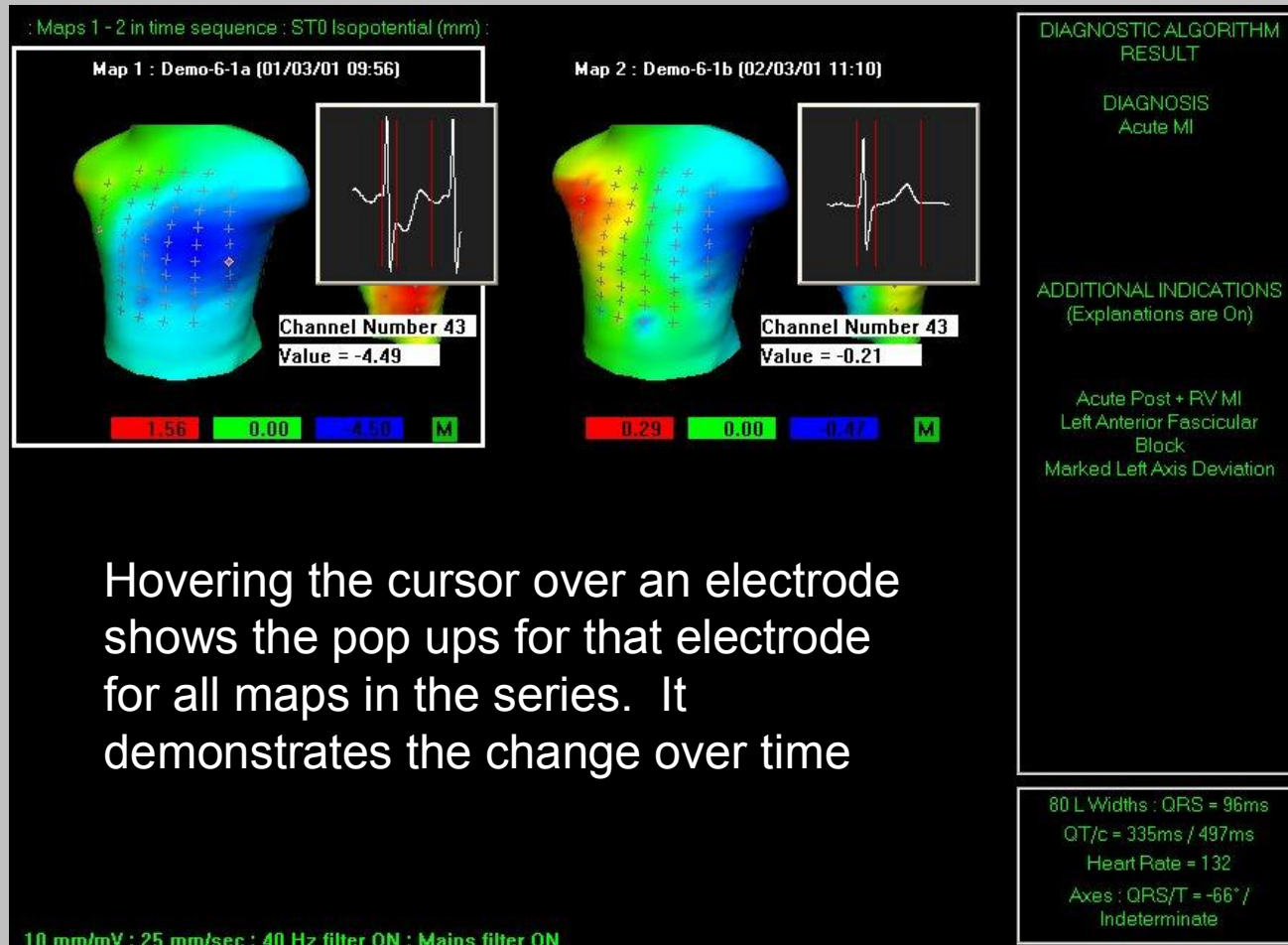
Each map has patient name and date/time stamp in the title

Note that each map is individually colored



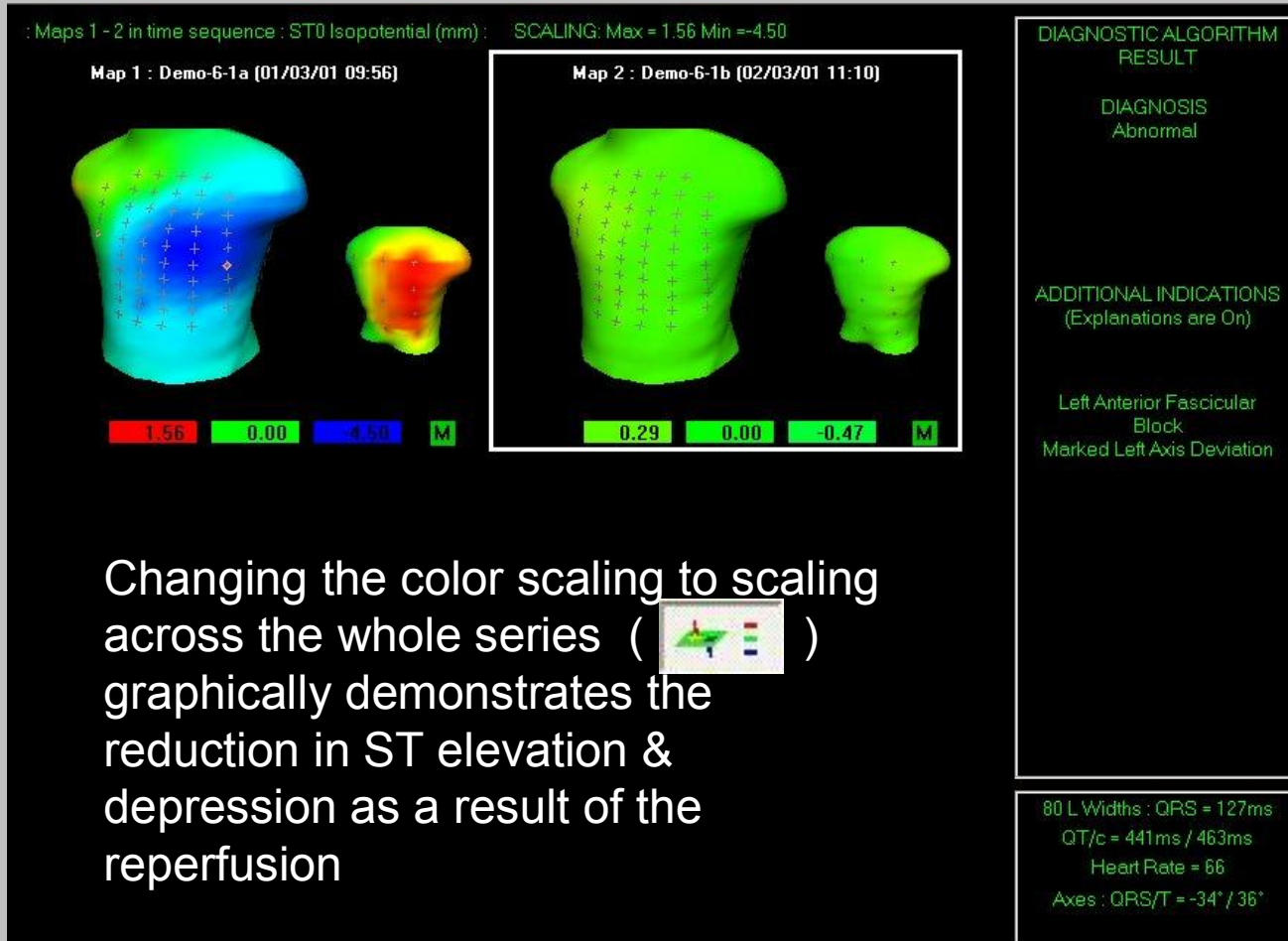
Diagnostic algorithm result for the recording in white box (now 2nd recording)

Demo case 6-1 (successful reperfusion)



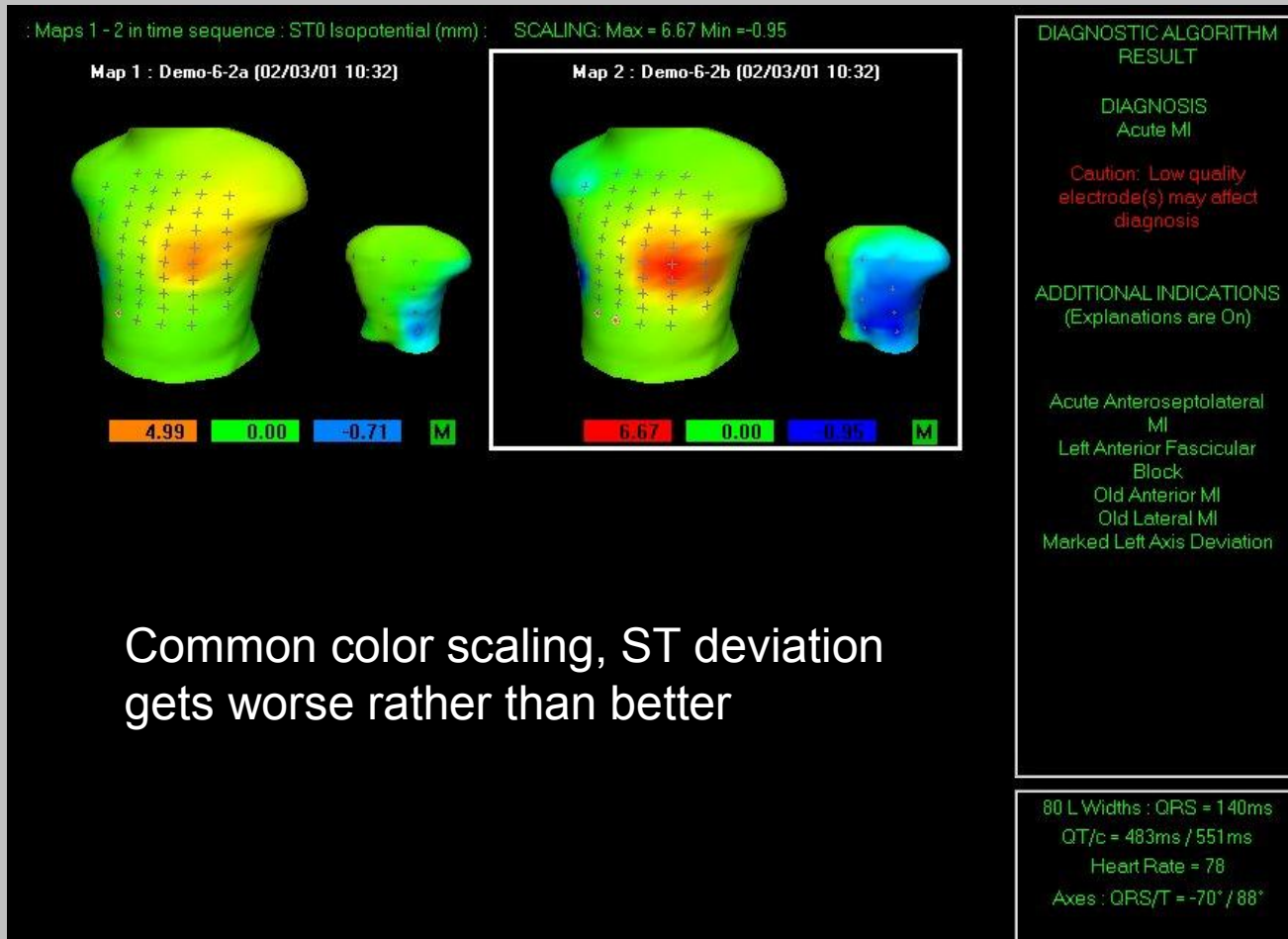
Hovering the cursor over an electrode shows the pop ups for that electrode for all maps in the series. It demonstrates the change over time

Demo case 6-1 (successful reperfusion)

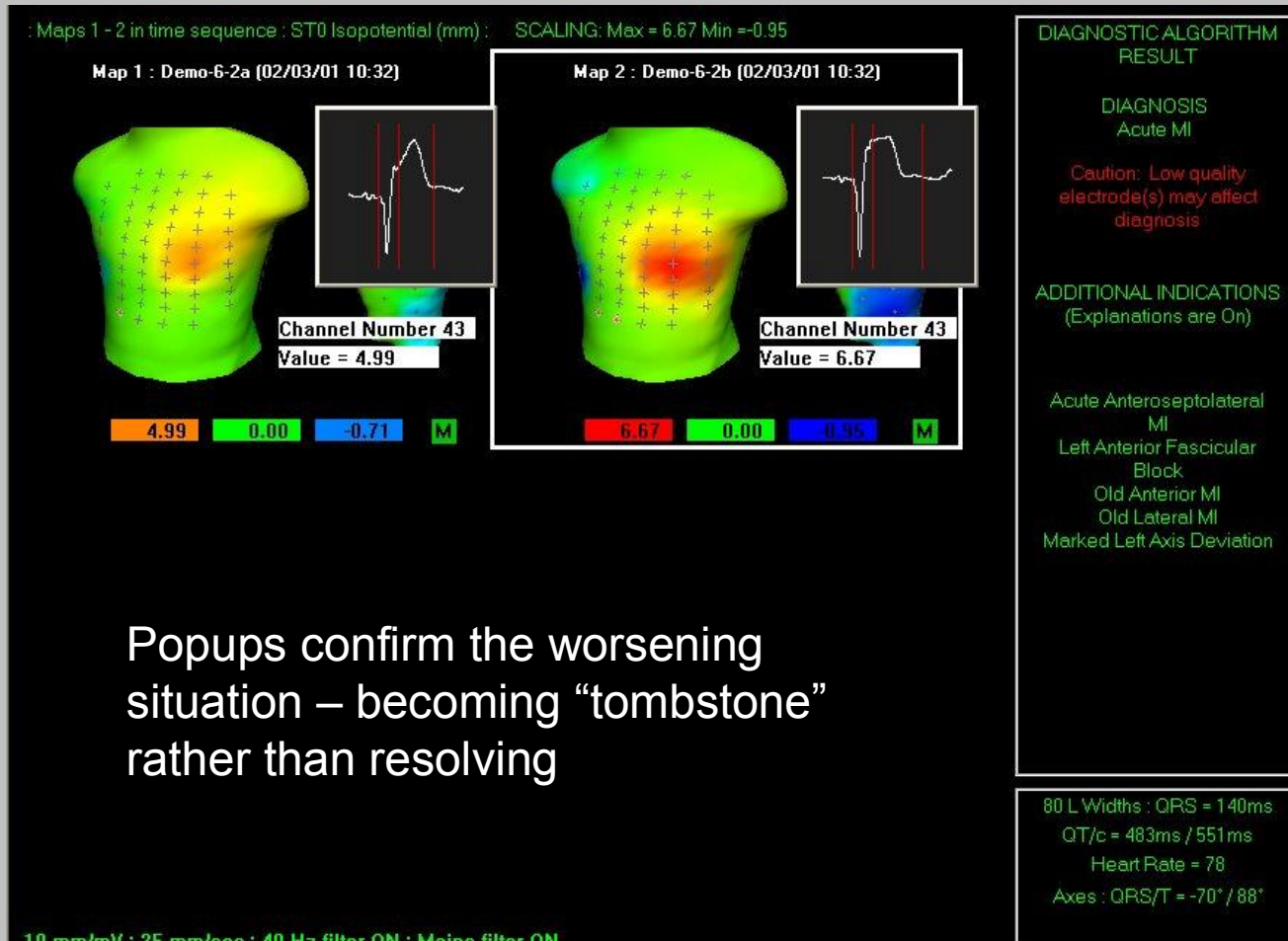


Now, the sequence from an
unsuccessful reperfusion

Demo case 6-2 (unsuccessful reperfusion)



Demo case 6-2 (unsuccessful reperfusion)



Popups confirm the worsening situation – becoming “tombstone” rather than resolving

Other uses

- These examples have been “before” and “after” intervention on patients.
- Can load in different patients with similar diagnoses to compare maps and ECG morphologies.
- Next slide shows Early Repol and Pericarditis side by side

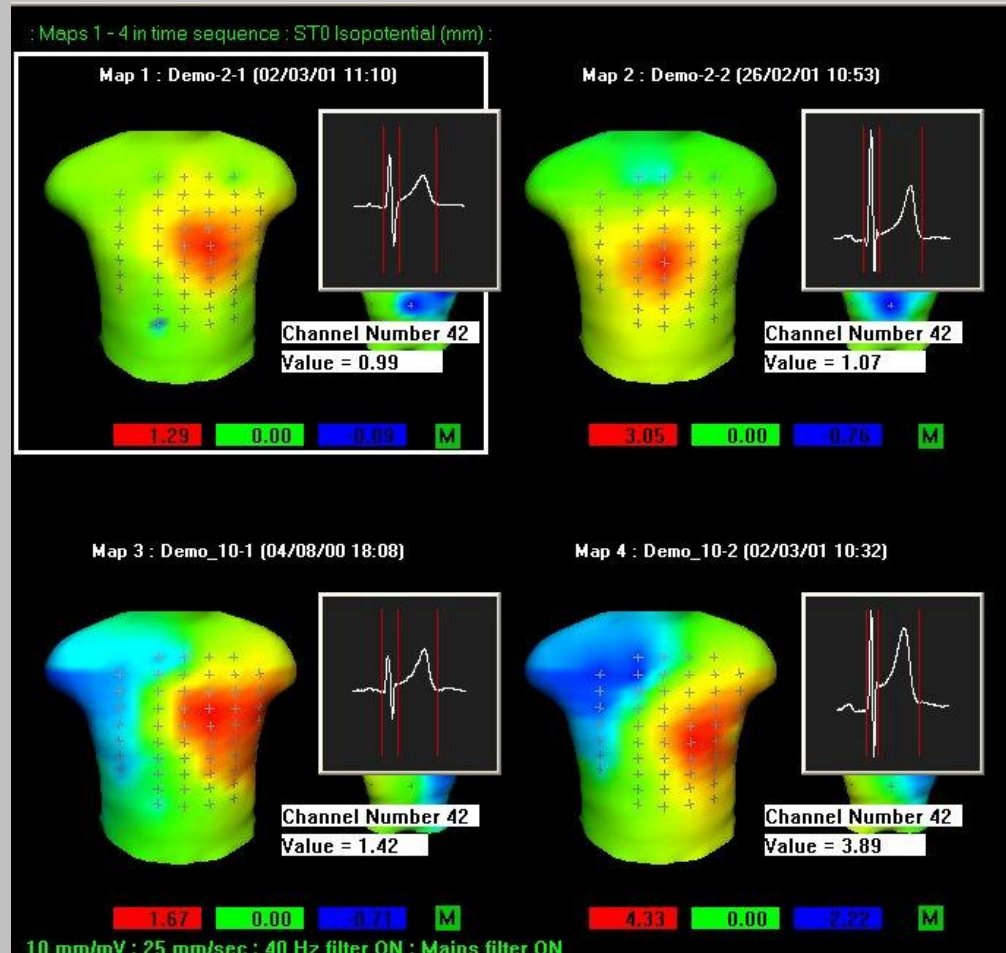
Multiple maps from different patients

Early Repol:

ST elevation compact and centred on septal region

Pericarditis:

ST elevation more diffuse and greater in lateral than septal region



The End