

Editing Sentences

All reporting modules

ACV 8.0

doc v1



Sentences can be edited in the report at any time during the reporting process. Although the example below uses an echocardiography report, the process is the same for all of ASCEND's reporting modules.

Study - transthoracic

Study data

Patient

Height (cm) 177.8

Height (in) 70

Weight (kg) 90.9

Weight (lb) 200

Heart rate (bpm)

Systolic (mm Hg)

Diastolic (mm Hg)

Study status and location

Patient status Outpatient

Study status Routine

Location Echo lab

Procedure room number 3

Study type Transthoracic (TTE)

Study components 3 items recorded

Teaching case

Teaching case details

Changes from preliminary

IAC candidate

Technical notes [not on report]

IAC - echocardiography Enforce compliance

Procedure narrative

Transthoracic echo

Procedure performed

Purpose Diagnosis

Ultrasound machine

Technical difficulty Limited windows

Image quality Adequate

Acoustic windows 3 items recorded

Image format Quad screen

Enhancement purpose Opacify LV

Urgent and critical findings

Significance Critical result

Absence of....

Finding

Reported by

Reported to

Role

Date 2018-08-06

Time 08:21:11

Read-back verified

Adverse outcomes

No complications

Summary

- Left ventricle:** The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%.
- Left ventricle:** There is hypokinesis of the apical anterior and apical wall(s).
- [New summary item](#)

Study data

Patient is 75 year(s) old. Patient birthdate: 01/27/1943. Study date: 08/06/2018. Black. Birth gender: male. Height: 177.8 cm. Height: 70 in. Weight: 90.9 kg. Weight: 200 lb. BMI: 28.8 kg/m². BSA: 2.14 m². Transthoracic echocardiography. M-mode, complete 2D, and complete spectral Doppler. The risks, benefits, and alternatives to the procedure were explained to the patient and informed consent was obtained. Outpatient. Routine. Echo laboratory. Procedure room # 3. The patient tolerated the procedure well.

Procedure narrative

Transthoracic echocardiography was performed. Image quality was adequate. Scanning was performed from the parasternal, apical, and subcostal acoustic windows.

Left ventricle

The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%. Wall motion score: 1.12. Wall motion score: 1.12.

LV segmental data

Segmental echo data

There is hypokinesis of the apical anterior and apical wall(s).

Scroll for additional content →

When a different finding is selected, the sentence is automatically updated in the *Findings viewer*.

Study - transthoracic

Study data

Consent Description

Obtained

Consenting individual

Via translator

Plus consent for sedation

Systolic (mm Hg)

Diastolic (mm Hg)

Study status and location

Patient status

Study status

Location

Procedure room number

Study type

Study components

Teaching case

Teaching case details

Changes from preliminary

IAC candidate

Technical notes [not on report]

IAC - echocardiography

Procedure narrative

Transthoracic echo

Procedure performed

Purpose

Ultrasound machine

Technical difficulty

Image quality

Acoustic windows

Image format

Enhancement purpose

Urgent and critical findings

Significance

Absence of...

Finding

Reported by

Reported to

Role

Date

Time

Read-back verified

Adverse outcomes

No complications

Findings

Summary

- Left ventricle:** The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%.
- Left ventricle:** There is hypokinesis of the apical anterior and apical wall(s).
- [New summary item](#)

Study data

Patient is 75 year(s) old. Patient birthdate: 01/27/1943. Study date: 08/06/2018. Black. Birth gender: male. Height: 177.8 cm. Height: 70 in. Weight: 90.9 kg. Weight: 200 lb. BMI: 28.8 kg/m². BSA: 2.14 m². Transthoracic echocardiography. M-mode, complete 2D, and complete spectral Doppler. **The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained.** Outpatient. Routine. Echo laboratory. Procedure room # 3. The patient tolerated the procedure well.

Procedure narrative

Transthoracic echocardiography was performed. Image quality was adequate. Scanning was performed from the parasternal, apical, and subcostal acoustic windows.

Left ventricle

The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%. Wall motion score: 1.12. Wall motion score: 1.12.

LV segmental data

Segmental echo data

There is hypokinesis of the apical anterior and apical wall(s).

Scroll for additional content →

Right-clicking on a sentence opens in the *Findings* viewer an embedded menu of choices for that sentence. Selecting *Edit sentence* opens an editor which can be used to manually edit the verbiage used in a sentence.

Study - transthoracic

Study data

Consent
Description

- Obtained
- Consenting individual: Next of kin
- Via translator
- Plus consent for sedation

Systolic (mm Hg)

Diastolic (mm Hg)

Study status and location

- Patient status: Outpatient
- Study status: Routine
- Location: Echo lab
- Procedure room number: 3
- Study type: Transthoracic (TTE)
- Study components: 3 items recorded
- Teaching case
- Teaching case details
- Changes from preliminary
- IAC candidate

Technical notes [not on report]

- IAC - echocardiography
- Enforce compliance

Procedure narrative

Transthoracic echo

- Procedure performed
- Purpose: Diagnosis
- Ultrasound machine
- Technical difficulty: Limited windows
- Image quality: Adequate
- Acoustic windows: 3 items recorded
- Image format: Quad screen
- Enhancement purpose: Opacify LV

Urgent and critical findings

- Significance: Critical result
- Absence of...
- Finding
- Reported by
- Reported to
- Role
- Date: 2018-08-06
- Time: 08:21:11
- Read-back verified

Adverse outcomes

- No complications

Findings

Summary

- Left ventricle: The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%.
- Left ventricle: There is hypokinesis of the apical anterior and apical wall(s).
- New summary item

Study data

Patient is 75 year(s) old. Patient birthdate: 01/27/1943. Study date: 08/06/2018. Black. Birth gender: male. Height: 177.8 cm. Height: 70 in. Weight: 90.9 kg. Weight: 200 lb. BMI: 28.8 kg/m². BSA: 2.14 m². Transthoracic echocardiography. M-mode, complete 2D, and complete spectral Doppler. The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin. Outpatient. The procedure was performed in room # 3.

Procedure narrative

Transthoracic echo quality was adequate. Exam was performed from the parasternal, apical, and subcostal acoustic windows.

Left ventricle

The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%. Wall motion score: 1.12. Wall motion score: 1.12.

LV segmental data

Segmental echo data

There is hypokinesis of the apical anterior and apical wall(s).

Context Menu:

- Delete finding
- Set Summary
- Edit sentence**
- Enter free-text note before finding

Scroll for additional content →

The *Sentence editor* has two panes - the left pane contains the original sentence from the reporting module.

The screenshot displays the 'Edit sentence' window with a menu bar at the top containing 'Undo', 'Redo', 'Help', 'Options', and 'LEARN'. The window is divided into two main panes:

- Sentence from KB:** This pane, highlighted with a red border, contains the text: "The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained."
- Current sentence:** This pane contains the text: "The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained." Above this text are icons for copy, paste, and spell check.

At the bottom of the window, there are 'Done' and 'Cancel' buttons. Below these buttons, a red warning message states: "Sentence edits should not change" followed by a bulleted list:

- The basic meaning of a finding
- Any numeric values or units

Such changes should be made using the data entry forms.

On the right side of the interface, a vertical scrollable list of text is visible, including phrases like "thickness is estimated normal; there", "27/1943.", "male.", "9 kg.", "m².", "complete 2D, and", "the patient's", "Outpatient.", "m # 3.", "The", "Image quality", "parasternal,", "Summary", "fraction is 55- regional wall", ".00.", "aflet.", "Cusp within the", "normal range. There is no stenosis. There is no regurgitation.", and "Systemic arteries".

The right pane contains a free-text editor which allows modification of the sentence. When editing, it is important not to contradict the meaning of the recorded findings, as they will be stored in a database.

Undo Redo ? Help Options LEARN

Search

Edit sentence

Sentence from KB

The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained.

Current sentence

The risks were explained to the patient's next of kin and informed consent was obtained.

Done Cancel

Sentence edits should not change

- The basic meaning of a finding
- Any numeric values or units

Such changes should be made using the data entry forms.

thickness is estimated normal; there

27/1943. []

male. []

9 kg. []

m². []

complete 2D, and

the patient's

Outpatient.

m # 3. [] The

Image quality

parasternal,

Summary []

fraction is 55-

regional wall

.00. []

aflet. [] Cusp

within the

normal range. There is no stenosis. [] There is no regurgitation.

Systemic arteries []

Scroll for additional content →

To revert back to the original sentence as coded in the reporting module, click on the *Restore* icon located between the two panes.

The screenshot displays the 'Edit sentence' window with a top menu bar containing 'Undo', 'Redo', 'Help', 'Options', and 'LEARN'. The window is divided into two main text areas: 'Sentence from KB' on the left and 'Current sentence' on the right. The 'Sentence from KB' area contains the text: 'The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained.' The 'Current sentence' area contains the text: 'The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained.]'. A red square highlights a 'Restore' icon (a document with a right-pointing arrow) located in the vertical separator between the two panes. Below the text areas are 'Done' and 'Cancel' buttons. At the bottom of the window, a red text box reads: 'Sentence edits should not change' followed by a bulleted list: '• The basic meaning of a finding' and '• Any numeric values or units', with a concluding sentence: 'Such changes should be made using the data entry forms.' The background shows a partial view of a patient record with various fields and a list of study-related items.

When the desired changes have been made, select the *Done* button to place the edited sentence in the *Findings* viewer.

Undo Redo Help Options LEARN

Search

Edit sentence

Sentence from KB

The risks, benefits, and alternatives to the procedure were explained to the patient's next of kin and informed consent was obtained.

Current sentence

The risks were explained to the patient's next of kin and informed consent was obtained.

Done Cancel

Sentence edits should not change

- The basic meaning of a finding
- Any numeric values or units

Such changes should be made using the data entry forms.

thicknes is
timated
normal; there

27/1943. []
t male. []
9 kg. []
m². []
mplete 2D, and
, and
e patient's
[] Outpatient.
m # 3. [] The

Image quality
e parasternal,

l. Sum-
mary []
n fraction is 55-
regional wall
.00. []

aflet. [] Cusp
within the

normal range. There is no stenosis. [] There is no regurgitation.
[]
Systolic arteria []

Scroll for additional content →

The updated sentence now appears in the *Findings* viewer and *Report* viewer.

The screenshot displays a medical software interface with the following sections:

- Study - transthoracic**
 - Study data**
 - Patient
 - Height (cm): 177.8
 - Height (in): 70
 - Weight (kg): 90.9
 - Weight (lb): 200
 - Heart rate (bpm):
 - Systolic (mm Hg):
 - Diastolic (mm Hg):
 - Study status and location
 - Patient status: Outpatient
 - Study status: Routine
 - Location: Echo lab
 - Procedure room number: 3
 - Study type: Transthoracic (TTE)
 - Study components: 3 items recorded
 - Teaching case:
 - Teaching case details:
 - Changes from preliminary:
 - IAC candidate:
 - Technical notes [not on report]**
 - IAC - echocardiography: Enforce compliance
- Procedure narrative**
 - Transthoracic echo
 - Procedure performed:
 - Purpose: Diagnosis
 - Ultrasound machine:
 - Technical difficulty: Limited windows
 - Image quality: Adequate
 - Acoustic windows: 3 items recorded
 - Image format: Quad screen
 - Enhancement purpose: Opacify LV
- Urgent and critical findings**
 - Significance: Critical result
 - Absence of....:
 - Finding:
 - Reported by:
 - Reported to:
 - Role:
 - Date: 2018-08-06
 - Time: 15:50:37
 - Read-back verified:
- Adverse outcomes**
 - No complications:

- Findings**
- Summary**
 - Left ventricle:** The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%. Wall motion is normal; there are no regional wall motion abnormalities.
 - [New summary item](#)
- Study data**

Patient is 75 year(s) old. Patient birthdate: 01/27/1943. Study date: 08/06/2018. Black. Birth gender: male. Height: 177.8 cm. Height: 70 in. Weight: 90.9 kg. Weight: 200 lb. BMI: 28.8 kg/m². BSA: 2.14 m². Transthoracic echocardiography. M-mode, complete 2D, and complete spectral Doppler. **The risks were explained to the patient's next of kin and informed consent was obtained.** Outpatient. Routine. Echo laboratory. Procedure room # 3. The patient tolerated the procedure well.
- Procedure narrative**

Transthoracic echocardiography was performed. Image quality was adequate. Scanning was performed from the parasternal, apical, and subcostal acoustic windows.
- Left ventricle**

The cavity size is normal. Wall thickness is normal. Systolic function is normal. The estimated ejection fraction is 55-65%. Wall motion is normal; there are no regional wall motion abnormalities. Wall motion score: 1.00.
- Aortic valve**

The valve is structurally normal. The valve is trileaflet. Cusp separation is normal. Transvalvular velocity is within the normal range. There is no stenosis. There is no regurgitation.
- Systemic arteries**



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