



Annotating Diagrams

Vascular Reporting Module

ACV 8.0

doc v1



Free-text annotations can be added to any feature shown in the interactive Diagrams tab.

The screenshot displays a medical software interface with a top navigation bar containing 'Search', 'Index', 'Prior reports', 'History', 'Study', 'Table', 'Arteries', 'Findings', 'Diagrams', and 'Conclusions'. The 'Diagrams' tab is highlighted with a red circle. Below the navigation bar, the 'Arch vessels diagram' is shown with a 'SELECT DIAGRAM' dropdown and a 'Include in report' checkbox. A pop-up window titled 'L CCA: Thrombus' is open, containing 'Delete Thrombus' and 'Findings' buttons. The diagram itself shows a schematic of the carotid arteries with a '50-79%' stenosis label on the right internal carotid and a 'Thrombus' label on the left common carotid. A left sidebar lists various vessel features like 'Normal', 'Bovine arch', 'Vessels', 'Lesions', 'Stents', and 'Grafts & Collaterals'. On the right, a 'Findings' panel shows a 'Summary' with three items: 'Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis.', 'Left common carotid: Mid-vessel lesion: There is a thrombus.', and 'New summary item'. Below the summary are sections for 'Recommendations', 'Allergies, diet, and meds', 'Study data', 'Procedure narrative', 'Physiologic data', 'Arteries', 'Systemic arteries', and 'Systemic veins'. The 'Systemic arteries' section contains the same two findings as the summary.

To add a free-text annotation, select Annotation and follow the screen prompts.

The screenshot displays a medical software interface with a top navigation bar containing 'Search', 'Index', 'Prior reports', 'History', 'Study', 'Table', 'Arteries', 'Findings', 'Diagrams', and 'Conclusions'. The 'Diagrams' tab is active, showing an 'Arch vessels diagram' for 'Normal' and 'Bovine arch'. A pop-up window titled 'L CCA: Thrombus' is open, with 'Delete Thrombus' and 'Findings' buttons. The diagram shows a 50-79% stenosis and a thrombus. A red arrow points to the 'Annotation' icon in the 'Notes' section of the left sidebar. The right sidebar shows a 'Findings' report with sections for Summary, Recommendations, Allergies, diet, and meds, Study data, Procedure narrative, Physiologic data, Arteries, and Systemic veins.

Arch vessels diagram Include in report **SELECT DIAGRAM**

Normal Bovine arch

Vessels

Lesions

Chronic occlusion Stenosis

Acute occlusion Thrombus

Occlusion Other

Aneurysm

Stents

Prior stent

Grafts & Collaterals

Graft Y-graft

Collateral

Notes

Annotation

L CCA: Thrombus

Delete Thrombus Findings

50-79%

Thrombus

Findings Report

Summary

1. Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis.
2. Left common carotid: Mid-vessel lesion: There is a thrombus.
3. [New summary item](#)

Recommendations

[New recommendation](#)

Allergies, diet, and meds

No known allergies.

Study data

Birthdate: Patient birthdate: 10/11/1973. Age: Patient is 31 year(s) old. Carotid duplex study: Patient unit: WC 4B. Patient room number: 428. Objective: CP. Diagnostic evaluation: Study status: Routine. Financial class: Blue Cross. Patient status: Inpatient. Location: Vascular laboratory. Study date: Study date: 12/23/2004. Study time: 02:43 PM.

Procedure narrative

A vascular evaluation was performed with the patient in the supine position. Imaged vessel(s): the right common carotid, right external carotid, left common carotid, left external carotid, right internal carotid, left internal carotid, right vertebral, left vertebral, right subclavian, and left subclavian arteries. Image quality was adequate.

Physiologic data

Arteries

Systemic arteries:

Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis. [Summary](#)

Left common carotid: Mid-vessel lesion: There is a thrombus. [Summary](#)

Systemic veins

A text entry box appears, allowing the manual entry of the desired annotation. The text box may be moved to any spot on the diagram and the annotation added.

The screenshot displays a medical software interface with a top navigation bar containing 'Search', 'Index', 'Prior reports', 'History', 'Study', 'Table', 'Arteries', 'Findings', 'Diagrams', and 'Conclusions'. The 'Diagrams' tab is active, showing an 'Arch vessels diagram' with a 'SELECT DIAGRAM' dropdown and a checked 'Include in report' option. A green text entry box with a red border and a close button is positioned above the diagram, containing the text 'Click on the diagram to set the annotation.' A red arrow points from this box to a white rectangular area on the diagram. The diagram itself shows a schematic of the carotid and vertebral arteries. A green dot on the right internal carotid artery is labeled '50-79%', and a red oval on the left common carotid artery is labeled 'Thrombus'. The left sidebar contains various tool categories: 'Brachiocephalic branches' (Normal, Bovine arch), 'Vessels' (+/- Add / remove vessels), 'Lesions' (Chronic occlusion, Stenosis, Acute occlusion, Thrombus, Occlusion, Other, Aneurysm), 'Stents' (Prior stent), and 'Grafts & Collaterals' (Graft, Y-graft, Collateral). The right sidebar shows a 'Findings Report' with sections for 'Summary', 'Recommendations', 'Allergies, diet, and meds', 'Study data', 'Procedure narrative', 'Physiologic data', 'Arteries', 'Systemic arteries', and 'Systemic veins'. The 'Summary' section lists: 1. Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis. 2. Left common carotid: Mid-vessel lesion: There is a thrombus. 3. New summary item. The 'Study data' section includes: Birthdate: Patient birthdate: 10/11/1973. Age: Patient is 31 year(s) old. Carotid duplex study. Patient unit: WC 4B. Patient room number: 428. Objective: CP. Diagnostic evaluation. Study status: Routine. Financial class: Blue Cross. Patient status: Inpatient. Location: Vascular laboratory. Study date: Study date: 12/23/2004. Study time: 02:43 PM. The 'Systemic arteries' section lists: Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis. Left common carotid: Mid-vessel lesion: There is a thrombus.

The comment will be added to the diagram in the Report viewer and will appear under the heading Diagram annotations in the Findings viewer.

Arch vessels diagram Include in report **SELECT DIAGRAM**

Brachiocephalic branches
Normal Bovine arch

Vessels
+/-
Add / remove vessels

Lesions
Chronic occlusion Stenosis
Acute occlusion Thrombus
Occlusion Other
Aneurysm

Stents
Prior stent

Grafts & Collaterals
Graft Y-graft
Collateral

Notes

Diagrams **Report**

PSV = peak systolic velocity, cm/s
* EDV = end-diastolic velocity, cm/s
Gerhard-Herman, M, Gardin, JM, Jaff, M, et al. Guidelines for noninvasive vascular laboratory testing: a report from the American Society of Echocardiography and the Society of Vascular Medicine and Biology. J Am Soc Echocardiogr, 19:955-972, 2006.

Aortic arch anatomy:

This is my right internal carotid artery comment.

50-79%

Thrombus

Reset diagrams
Refresh

Annotations can also be modified or removed. Left clicking the annotation results in the display of the comment for editing. The annotation may also be deleted.

The screenshot displays a medical software interface with two main panels. The left panel, titled "Arch vessels diagram", features a sidebar with categories: Brachiocephalic branches (Normal, Bovine arch), Vessels (+/- Add / remove vessels), Lesions (Chronic occlusion, Stenosis, Acute occlusion, Thrombus, Occlusion, Other, Aneurysm), Stents (Prior stent), Grafts & Collaterals (Graft, Y-graft, Collateral), and Notes. The main diagram area shows a vascular tree with a "50-79%" stenosis label and a red "Thrombus" label. A red circle highlights a text input box containing "This is my right internal carotid artery comment." with "Done", "Cancel", and "Delete" buttons. The right panel, titled "Findings Report", contains sections for Summary (1. Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis. 2. Left common carotid: Mid-vessel lesion: There is a thrombus. 3. New summary item), Recommendations (New recommendation), Allergies, diet, and meds (No known allergies), Study data (Birthdate, Age, Patient unit, Patient room number, Objective, Diagnostic evaluation, Study status, Financial class, Patient status, Inpatient, Location, Study date, Study time), Procedure narrative (A vascular evaluation was performed with the patient in the supine position...), Physiologic data, Arteries (Systemic arteries: Right internal carotid: Proximal vessel lesion: There is a 50-79% stenosis. Left common carotid: Mid-vessel lesion: There is a thrombus.), Systemic veins, and Diagram annotations (This is my right internal carotid artery comment.).



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