

**Indications:**

Reason for Exam: right ICA stenosis on CT aorta - advised doppler to assess

**Findings:****Colour Duplex of the Extracranial Carotid Arteries****% stenosis - NASCET Criteria****Right**

Common: ?patency

Internal: Minimal (&lt;50%) (filling via ECA)

External: Minimal (&lt;50%) (Retrograde flow)

Vertebral: Retrograde Flow

Subclavian Artery: Monophasic signal

**Left**

Common: Modest (&lt;50%)

Internal: \* see below

External: Moderate (&gt;50%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Right Carotid:**

CCA - Mixed plaques predominantly calcified plaques identified at proximal CCA which appears to nearly occupy the vessel lumen with small areas of retrograde colour filling and very low monophasic signal (PSV 8cm/sec). Distally, the vessel appear to totally occlude with mixed plaques.

ECA - calcified vessel with retrograde colour flow and low resistance signals filling into the ICA.

ICA - patent calcified vessel with forward colour filling and low resistance waveform signal. There is an acoustic shadowing of ~7mm short at proximal ICA however no significantly raised velocities identified. Vessel appears to remain patent distal to the shadowing.

**LEFT Carotid:**

CCA - patent with diffuse heavy calcification and slightly turbulent flow signals

ECA - patent calcified vessel with raised velocities identified. PSV 380 cm/sec

\*ICA - Patent with raised velocities identified at proximal ICA to 386cm/sec (PSVR 2.7; St Mary's ratio 19.3) suggestive 70-79% stenosis (NASCET). Vessel remains patent distally. **(Please interpret with caution as degree of stenosis maybe over estimated due to occlusion of the contralateral CCA)**

**Conclusion****Right - ? CCA patency****LEFT - Proximal ICA stenosis****Please suggest further imaging and vascular team review**

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #122149382) on 31/10/2023 - Order Result History Report

**Imaging Findings**

Finding	Acuity	Linked Recommendation	Recommendation Status
	Significant		

**Signed by**

Signed	Date/Time	Phone	Pager
EDLIN, HELENA	31/10/2023 13:02		



**Indications:**

Reason for Exam: reduced vision in the left eye for over 12 months, ? ischaemic cause ? reduced blood flow carotids

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (~50%)

Internal: -see below

External: -see below

Vertebral: Orthograde Flow

Subclavian Artery: Tri/biphasic Flow

**Left**

Common: Minimal (<50%)

Internal: -see below

External: -see below

Vertebral: Orthograde Flow

Subclavian Artery: Tri/biphasic Flow

**Conclusion****Right Carotid**

CCA - Patent however, calcified plaques identified at the anterior and posterior portion of the vessel causing slight increase in velocity to 209 cm/sec at mid level (PSVR 2.0) suggestive of ~50%.

ICA and ECA - poor echo window due to high CCA bifurcation and unable to clearly identify and differentiate ICA from ECA clearly.

**Left Carotid**

CCA - Patent however, calcified plaque identified at the posterior portion of the vessel causing visual reduction in diameter to ~40%. No significant increase in velocity identified.

ICA and ECA - poor echo window due to high CCA bifurcation and unable to clearly identify and differentiate ICA from ECA clearly.

Strongly suggest further imaging please.

Scanned and reported by Rhea Angel checked by Helena Edlin

**Result History**

[US VAS doppler carotid artery bilateral \(Order #113212963\) on 24/10/2023 - Order Result History Report](#)

**Imaging Findings**

Finding	Acuity	Linked Recommendation	Recommendation Status
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**Indications:**

Reason for Exam: pre o mvr avr

Order Comments: This lady finds travel difficult please try adn give appointment on same day ( pft ,echo)

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Small area of calcified plaque identified at the posterior portion of LEFT proximal ICA with no significant increase in velocity.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #110601752\) on 23/10/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available



**Indications:**

Reason for Exam: pre op cabg

Order Comments: On same day as echo if possible

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation-PICA : Minimal (40-49%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion****Right carotid**

The carotid arteries are minimally diseased with normal flow patterns

**Left carotid**

CCA- intimal thickening identified throughout the with normal flow patterns

ICA - mild calcified plaque identified from the bifurcation to the proximal ICA however not causing significant increase in velocity.

ECA - patent

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #13633034\) on 5/10/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	05/10/2023 18:04		



**Indications:**

Reason for Exam: retinal filling delay in fluorescein angiography

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #110527031\) on 3/10/2023 - Order Result History Report](#)

**All Reviewers List**

Marta UGARTE on 5/10/2023 08:04

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	03/10/2023 17:01		



**Indications:**

Reason for Exam: vein occlusion

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #112394965\) on 28/9/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available

**All Reviewers List**

Marta UGARTE on 30/9/2023 09:43

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	28/9/2023 11:25		



**Indications:**

Reason for Exam: query ocular ischaemic syndrome RE

Order Comments: query ocular ischaemic syndrome RE following central retinal vein occlusion and neovascular glaucoma. Needs hospital transport.

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #112139685) on 26/9/2023 - Order Result History Report

**Percentile Graphs**

No pregnancy episode available

**All Reviewers List**

Catherine PARK on 26/9/2023 12:30

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	26/9/2023 12:15		

**Exam Information**

Exam	Exam Status	Exam Ended
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**Indications:**

Reason for Exam: found to have left ICA stenosis 95% (done on Ireland) / TIA symptoms related to posterior circulation

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation-Proximal Internal: minimal to moderate (~50%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation-Proximal Internal: Severe (>90%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion****Right carotid**

CCA - mild intimal thickening noted. Vessel is patent with normal flow patterns.

ICA - mild to moderate mixed plaque formation identified from the carotid bifurcation to proximal ICA causing slight increase in velocity to 145 cm/sec (PSVR 1.7) and ~55-60% visual diameter reduction.

ECA - patent

**Left Carotid**

CCA - mild intimal thickening noted. Vessel is patent with normal flow patterns.

ICA - Soft looking plaque identified from the carotid bifurcation to proximal ICA causing severe increase in velocity to 563 cm/sec (PSVR 8.5) suggestive of >90% stenosis. Vessel is patent distally.

ECA - patent

Please suggest further imaging

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #106212178) on 26/9/2023 - Order Result History Report

**Percentile Graphs**

No pregnancy episode available

**All Reviewers List**

David MURRAY on 26/9/2023 14:59

**Imaging Findings**

Finding	Acuity	Linked Recommendation	Recommendation Status
	Significant		

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	26/9/2023 11:56		



**Indications:**

Reason for Exam: New Stroke assess for carotid stenosis

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #115000699) on 25/9/2023 - Order Result History Report

**Signed by**

Signed

Date/Time

Phone

Pager

ANGEL, RHEA

25/9/2023 11:16



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**Indications:**

Reason for Exam: asymmetrical diabetic retinopathy

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #110875228\) on 19/9/2023 - Order Result History Report](#)

**All Reviewers List**

Amy STONE on 26/9/2023 15:25

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	19/9/2023 17:53		



**Indications:**

Reason for Exam: To find out any significant internal carotid artery narrowing

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (~40-49%)

Bifurcation - Internal: Minimal (~40-49%)

External: Minimal (<40%)

Vertebral: no flow identified ?patency

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (~30-39%)

Bifurcation-Internal: Minimal (~40-49%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion****Right neck**

CCA - mild mixed plaques with more soft component identified in the anterior and posterior portion of the distal CCA however not causing increase in flow velocities.

Bifurcation to ICA - Mild mixed plaques identified in the anterior and posterior portion of the bifurcation to proximal ICA however no significant increase in flow velocities were identified.

ECA - patent

Vertebral artery - no flow identified ?patency

**Left neck**

CCA- patent with normal flow velocities and slight intimal thickening identified at distal level patent.

Bifurcation to ICA - mild mixed plaques identified in the anterior and posterior portion of the bifurcation to proximal ICA with small areas of soft component however no significant increase in velocities identified

ECA - patent

Vertebral artery- patent antegrade flow

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #113278789) on 19/9/2023 - Order Result History Report

**All Reviewers List**

Abid IMAM on 20/9/2023 12:08

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	19/9/2023 09:38		



**Indications:**

Reason for Exam: Pale optic disc LE - to rule out vascular insufficiency

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<30%)

Bifurcation: Minimal (<30%)

Internal: Minimal (<30%)

External: Minimal (<30%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<30%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<30%)

External: Minimal (<30%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

Right innominate artery has high riding bifurcation.

Bilateral ICA becomes curvy and dives deep from mid ICA.

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #113023846\) on 14/9/2023 - Order Result History Report](#)



**Indications:**

Reason for Exam: Presented with unilateral sudden onset visual loss. Previous paroxysmal AF. Treating as GCA but to rule out TIA.

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #110694657\) on 8/9/2023 - Order Result History Report](#)

**All Reviewers List**

[Pauline Yuk Ping HO on 1/10/2023 23:21](#)



**Indications:**

Reason for Exam: Intermittent visual disturbance RE. Known vascular risk factors - uncontrolled hypertension/diabetes

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Bilateral CCA intimal thickening noted

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #108658104\) on 5/9/2023 - Order Result History Report](#)

**Percentile Graphs**



**Indications:**

Reason for Exam: ischemic CRVO RE, rule out R sided carotid artery stenosis

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (450%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #108496379) on 5/9/2023 - Order Result History Report

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	05/9/2023 17:47		



**Indications:**

Reason for Exam: History of bilateral retinal artery occlusion

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #104912253\) on 29/8/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available



**Indications:**

Reason for Exam: rule out ocular ischemia

**Findings:**

**Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Biphasic Flow

*Left*

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Biphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #89109950\) on 29/8/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available

US VAS doppler carotid artery bilateral



**Indications:**

Reason for Exam: Repeat duplex left side ? Stenosis has resolved as looked embolic on 1st imaging  
Order Comments: Repeat duplex left side ? Stenosis has resolved as looked embolic on 1st imaging

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Left**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)

**Conclusion**

No obvious evidence of ?thrombus in this scan as previously identified  
The left carotid arteries are minimally diseased and no raised velocities identified

Scanned and reported by Rhea Angel and Toni Cooper

**Result History**

[US VAS doppler carotid artery bilateral \(Order #109259292\) on 24/8/2023 - Order Result History Report](#)

**All Reviewers List**

Nicholas Stuart GREAVES on 24/8/2023 12:20

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	24/8/2023 11:58		

**Exam Information**

Status	Exam Begun	Exam Ended
Final	24/08/2023 11:49	24/08/2023 11:52

**External Results Report**

[Open External Results Report](#)

**Encounter**

[View Encounter](#)



**Indications:**

Reason for Exam: Right ICA 50-59% in Oct 21 after TIA. Now concerned ? progression of stenosis. Please repeat scan. Currently asymptomatic  
Order Comments: Right ICA 50-59% in Oct 21 after TIA. Now concerned ? progression of stenosis. Please repeat scan. Currently asymptomatic

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation- Proximal Internal: Moderate (~60-69%; lower end of scale)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

**Right carotid** - Mixed plaques identified from the carotid bifurcation extending into the proximal ICA causing slight increase in velocity to 199 cm/sec (PSVR 2.7, St Mary's Ratio 12.4) suggestive of 60-69% stenosis (lower end of scale). A slight increase in percentage stenosis from previous scan. The rest of the ICA is widely patent.

**Left Carotid** - The carotid arteries are minimally diseased with normal flow patterns

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #109926760\) on 24/8/2023 - Order Result History Report](#)



**Indications:**

Reason for Exam: To find any critical stenosis in right MCA

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #108851689\) on 22/8/2023 - Order Result History Report](#)

**All Reviewers List**

Abid IMAM on 23/8/2023 16:56



**Indications:**

Reason for Exam: CABG

**Findings:**

**Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #103459374\) on 15/8/2023 - Order Result History Report](#)

**Signed by**

Signed

Date/Time

Phone

Pager

ANGEL, RHEA

15/8/2023 16:21



**Indications:**

Reason for Exam: To find any critical stenoses in the right internal carotid artery

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

*Right*

Common: Minimal (<50%)

Bifurcation - Proximal Internal: Severe (70-79%)

External: Minimal (<50%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

*Left*

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Conclusion**

Intimal thickening identified in the bilateral CCA's

RIGHT CAROTID - There is a large mixed plaque identified from the carotid bifurcation extending into the proximal ICA causing significant increase in velocity to 310 cm/sec (PSVR- 4.0; ST Mary's ratio -14.0) suggestive of >70-79% narrowing

The left carotid arteries are minimally diseased with normal flow patterns

Please suggest further imaging if indicated

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #103348180\) on 10/8/2023 - Order Result History Report](#)

**All Procedures List**



**Indications:**

Reason for Exam: Memory loss for a few hours on 7th July 2023? Any significant atherosclerotic disease

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #101146988\) on 10/8/2023 - Order Result History Report](#)

**All Reviewers List**

Abid IMAM on 11/8/2023 16:26

**Signed by**



**Indications:**

Reason for Exam: Recurrent attacks of vertigo, scan to find out any significant sick disease in the vertebral arteries thanks

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

%Stenosis NASCET criteria

*Right*

Common: Minimal (<30%)

Bifurcation: Minimal (<30%)

Internal: Minimal (<30%)

External: Minimal (<30%)

Vertebral: Orthograde Flow throughout its length where scanned

Subclavian Artery: Triphasic Flow

*Left*

Common: Minimal (<30%)

Bifurcation: Minimal (<30%)

Internal: Minimal (<30%)

External: Minimal (<30%)

Vertebral: Orthograde Flow throughout its length where scanned

Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

[US VAS doppler carotid artery bilateral \(Order #109711351\) on 12/9/2023 - Order Result History Report](#)

**Percentile Graphs**

No pregnancy episode available



**Indications:**

Reason for Exam: Presented with unilateral sudden onset visual loss. Previous paroxysmal AF. Treating as GCA but to rule out TIA.

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)  
Bifurcation: Minimal (<40%)  
Internal: Minimal (<40%)  
External: Minimal (<40%)  
Vertebral: Orthograde Flow  
Subclavian Artery: Triphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #110694657) on 8/9/2023 - Order Result History Report

**All Reviewers List**

Pauline Yuk Ping HO on 1/10/2023 23:21



**Indications:**

Reason for Exam: ischemic CRVO RE, rule out R sided carotid artery stenosis

**Findings:****Colour Duplex of the Extracranial Carotid Arteries**

% stenosis - NASCET Criteria

**Right**

Common: Minimal (<40%)

Bifurcation: Minimal (450%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Triphasic Flow

**Left**

Common: Minimal (<40%)

Bifurcation: Minimal (<40%)

Internal: Minimal (<40%)

External: Minimal (<40%)

Vertebral: Orthograde Flow

Subclavian Artery: Biphasic Flow

**Conclusion**

The carotid arteries are minimally diseased with normal flow patterns bilaterally.

Scanned and reported by Rhea Angel.

**Result History**

US VAS doppler carotid artery bilateral (Order #108498379) on 5/9/2023 - Order Result History Report

**Signed by**

Signed	Date/Time	Phone	Pager
ANGEL, RHEA	05/9/2023 17:47		