CORE MODALITY 1								
Scan Number	Date	Patient Hospital Number	Scan type	Pathology (Y/N)	Aided (A)/ Unaided (U)	Agreement with supervisor? Y/N	Comments, learning points, etc.	Supervisor
1	February 05, 2024	RRKA202455	Carotid Doppler	N	U	Y	Normal appearance with normal flow velocities in the bilateral CCA. Minimal heterogenous hyperechoic plaques in the bilateral carotid bulb. Normal flow velocities in the bilateral ICA and proximal ECA. Antegrade flow in the vertebral arteries.	Ivan Kalik
2	February 05, 2024	RRKK235384	Carotid Doppler	N	U	Y	Normal appearance with normal flow velocities in the bilateral CCA. Minimal heterogenous hyperechoic plaques in the bilateral carotid bulb. Normal flow velocities in the bilateral ICA and proximal ECA. Antegrade flow in the vertebral arteries.	Ivan Kalik
3	February 05, 2024	RRKS883963	Carotid Doppler	N	U	Y	RIGHT Slightly thickened intima media with normal flow velocities in the CCA. Normal flow velocities in the ICA to the jaw-line area and proximal ECA. Normal antegrade waveform seen in the vertebral artery with reduced flow velocities compared to the left. LEFT Mildly atheromatous CCA with normal flow velocities. Heterogenous plaque in the carotid bifurcation extending to the proximal ICA and ECA origin. Normal flow velocities in the ICA to the jaw-line area and proximal ECA. Normal antegrade flow seen in the vertebral artery.	Ivan Kalik
4	February 05, 2024	RRKA148162	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Normal looking ICA with normal flow velocities. Discrete heterogenous plaque in the proximal ECA with normal flow velocities. Antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Discrete heterogenous plaque in the carotid bifurcation. Normal flow velocities in the ICA and proximal ECA. Antegrade flow in the vertebral artery.	Ivan Kalik
5	February 05, 2024	RRKV183009	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Minimal heterogenous hyperechoic plaques seen in the carotid bifurcation. Normal flow velocities in the ICA to the level of jaw-line area and proximal ECA. Antegrade flow seen in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Minimal heterogenous hyperechoic plaques seen in the carotid bifurcation. Normal flow velocities in the ICA to the level of jaw-line area and proximal ECA. Antegrade flow seen in the vertebral artery.	Ivan Kalik
6	January 31, 2024	RRKK406261	Carotid Doppler	N	U	Y	Smooth intima lining with normal peak systolic flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Normal antegrade flow seen bilaterally in the vertebral arteries.	Ivan Kalik

7	January 31, 2024	RRK1385092	Carotid Doppler	N	U	Y	Normal appearance and flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Normal antegrade flow was seen bilaterally in the vertebral arteries.	Ivan Kalik
8	January 31, 2024	RRKS220232	Carotid Doppler	N	U	Y	RIGHT Slight intima media thickening of the CCA with normal flow velocities. Heterogenous hyperechoic plaques seen in the bifurcation extending to proximal ICA and ECA. Despite of the plaques causing luminal reduction appearance, there is no significantly raised PSV of >125 cm/sec and there was no evidence of turbulent flow. Flow velocities were within normal range from the proximal to the distal ICA at the jaw-line area. No raised PSV noted in the ECA. Antegrade flow in the vertebral artery. Carotid atherosclerotic disease of <50% in the right proximal internal carotid artery (carotid bulb). LEFT Slight intima media thickening of the CCA with normal flow velocities. Minimal heterogenous hyperechoic plaques seen in the bifurcation extending to proximal ICA. Normal flow velocities throughout ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Antegrade flow seen in the vertebral artery.	Ivan Kalik
9	January 30, 2024	RRKA246744	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Slight intima media thickening in the bifurcation. Normal flow velocities throughout ICA to the distal ICA at the jaw-line. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Small heterogenous hyperechoic plaque seen in the ICA origin. Normal flow velocities throughout ICA to the distal ICA at the jaw-line. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
10	January 30, 2024	RRKA249241	Carotid Doppler	N	U	Y	Normal appearance and flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Antegrade flow was seen bilaterally in the vertebral arteries.	Ivan Kalik
11	January 30, 2024	RRKG762498	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Calcified atherosclerotic plaques seen in the bifurcation extending to proximal ICA and ECA. Despite of the plaques causing luminal reduction appearance, there is no significantly raised PSV of >125 cm/sec and there was no evidence of turbulent flow. Flow velocities were within normal range to the distal ICA at the jaw-line area. No raised PSV noted in the ECA. Normal antegrade flow in the vertebral artery. Carotid atherosclerotic disease of <50% in the right proximal internal carotid artery. LEFT	Ivan Kalik

							Small atherosclerotic plaque seen in the CCA with normal flow velocities. Calcified atherosclerotic plaques seen in the bifurcation extending to proximal ICA and ECA. Flow velocities were within normal range in the ICA to the level of jaw-line and ECA. Normal antegrade flow in the vertebral artery.	
12	January 30, 2024	RRKK171851	Carotid Doppler	N	U	Y	Normal appearance and flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Antegrade flow was seen bilaterally in the vertebral arteries.	Ivan Kalik
13	January 30, 2024	RRKA186035	Carotid Doppler	N	U	Y	Normal appearance and flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Antegrade flow was seen bilaterally in the vertebral arteries.	Ivan Kalik
14	January 30, 2024	RRKS923361	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Heterogenous hyperechoic plaque seen in the carotid bifurcation extending to the ICA origin. Normal flow velocities in the ICA to the distal ICA at jaw-line area. Normal flow velocities in the proximal ECA. Antegrade flow seen in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Minimal calcified atherosclerotic plaques seen in the carotid bifurcation extending to the proximal ICA and ECA origin. Despite of the plaques seen causing slight luminal reduction, there was no evidence of significantly raised PSV. Flow velocities were within normal range throughout ICA to the distal ICA at the jaw-line area. No significantly raised PSV in the proximal ECA. Antegrade flow seen in the vertebral artery. CONCLUSION Carotid atherosclerotic disease of <50% in the left ICA (carotid bulb).	Ivan Kalik
15	January 26, 2024	RRKV247644	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Minimal heterogenous plaques in the carotid bifurcation extending to proximal ICA. Normal flow velocities in the ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Normal antegrade flow seen in the vertebral artery. LEFT Small plaque seen in CCA with normal flow velocities throughout. Minimal heterogenous plaques in the carotid bifurcation extending to proximal ICA and ECA origin. Normal flow velocities in the ICA and proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
16	January 25, 2024	RRKV266469	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal peak systolic velocities. Normal flow velocities in the ICA and proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Slight intima media thickening in the distal CCA to carotid bifurcation with normal flow velocities throughout. Normal peak systolic velocities in the ICA and proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik

17	January 25, 2024	RRKV002720	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Minimal heterogenous hyperechoic intima thickening in the carotid bifurcation. Normal flow velocities in the ICA and proximal ECA. Antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Minimal heterogenous hyperechoic intima thickening in the carotid bifurcation. Normal flow velocities in the ICA and proximal ECA. Antegrade flow in the vertebral artery.	Ivan Kalik
18	January 25, 2024	RRKK547547	Carotid Doppler	N	U	Y	Normal appearance and flow velocities seen bilaterally throughout CCA's, ICA's and proximal ECA's. Normal flow antegrade was seen bilaterally in the vertebral arteries.	Ivan Kalik
19	January 22,2024	RRKK965529	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Minimal interrupted heterogenous hyperechogenic plaques in the carotid bifurcation extending to the proximal ICA. Normal flow velocities in the ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Discrete heterogenous hyperechogenic plaque seen in the carotid bifurcation. Normal flow velocities in the ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
20	January 22, 2024	RRK113086	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Slight intima thickening (heterogenic hyperechogenic) in the carotid bifurcation. Normal flow velocities in the ICA to the distal ICA at the jaw-line. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Normal flow velocities in the ICA to the distal ICA at the jaw-line. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
21	January 22, 2024	RRKV444537	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Patent full color flow in the carotid bifurcation. Normal flow velocities in the ICA to the level of jaw-line. Normal flow velocities in the proximal ECA. Normal vertebral antegrade flow. LEFT Normal looking CCA with normal flow velocities. Patent full color flow in the carotid bifurcation. Normal flow velocities in the ICA to the level of jaw-line. Normal flow velocities in the proximal ECA. Normal vertebral antegrade flow.	Ivan Kalik

22	January 22, 2024	RRKK626498	Carotid Doppler	N	U	Y	RIGHT Mildly atheromatous CCA extending to the carotid bifurcation with normal flow velocities. Normal flow velocities in the ICA. Normal flow velocities in the proximal ECA. Antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Slight intima media thickening in the carotid bifurcation. Normal flow velocities in the ICA. Normal flow velocities in the proximal ECA. Antegrade flow in the vertebral artery.	Ivan Kalik
23	January 19, 2024	RRKK070413	Carotid Doppler	N	U	Y	RIGHT Normal looking CCA with normal flow velocities. Slight intima media thickening in the carotid bifurcation. Normal flow velocities in the ICA to the distal ICA at the jaw-line area and proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Slight intima media thickening in the carotid bifurcation. Normal flow velocities in the ICA to the distal ICA at the jaw-line area and proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
24	January 18, 2018	RRKV601778	Carotid Doppler	N	U	Y	RIGHT Slight intima-media thickening of the CCA to the level of carotid bifurcation with normal flow velocities. Normal flow velocities in the ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery. LEFT Slight intima-media thickening of the CCA to the level of carotid bifurcation with normal flow velocities. Normal flow velocities in the ICA to the distal ICA at the jaw-line area. Normal flow velocities in the proximal ECA. Normal antegrade flow in the vertebral artery.	Ivan Kalik
25	January 16, 2024	RRKK126627	Carotid Doppler	Y	U	Y	US Doppler carotid artery Both: RIGHT Normal looking CCA with normal flow velocities. Minimal heterogenous hyperechoic type III plaques in the carotid bifurcation extending to the proximal ICA. Normal flow velocities in the ICA to the jaw-line area. Normal flow velocities in the proximal ECA. Antegrade flow in the vertebral artery. LEFT Normal looking CCA with normal flow velocities. Presence of mixed echogenic density plaques but predominantly hyperechoic type III plaques in the carotid bifurcation extending to the proximal internal carotid artery. Flow velocities in the ICA indicate the presence of a >90% stenosis (PSV of 641 cm/sec, PSV ratio of 8.5, St Mary's ratio of 40). Mild post stenotic turbulence in the mid ICA. Reduced flow velocity in the distal ICA compared to the right. Normal flow velocities present in the proximal ECA. Antegrade waveform present in the vertebral artery.	Ivan Kalik

							CONCLUSION Carotid, atherosclerotic diseased, with; a. <50% stenosis in the right internal carotid artery (1-15%) b. >90% stenosis in the left proximal internal carotid artery	