Arterial Stiffness and Stroke Risk in Jamaican Children With Sickle Cell Anaemia

AUTHORS	AE Rankine-Mullings[1], N Younger- Coleman[1], M Reid[1]
AFFILIATION	[1] The University of the West Indies, Mona, Jamaica

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OBJECTIVE

Compare arterial stiffness between children classified at higher and lower stroke risk.

METHODS

The cross-sectional study compared 19 high-risk and 15 low-risk children classified using transcranial Doppler measurements.

RESULTS

Two of three stiffness measures were higher in the high-risk group. Aortic pulse-wave velocity remained different after adjustment.

CONCLUSION

Aortic pulse-wave velocity warrants further evaluation as a potential marker of stroke risk.