



A comparison of the degree of calcification of the coronary arteries and the results of perfusion scintigraphy in different ethnic groups in Yakutia

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The authors made a comparison of the quantitative value and volume of calcium in the wall of the coronary vessels and the results of perfusion scintigraphy in patients of different ethnic groups in Yakutia with coronary artery disease.

Keywords: calcium index, CT, the amount of calcium, atherosclerosis, indigenous, non-indigenous, perfusion scintigraphy.

References:

1. State Report on the Health of the Republic Sakha (Yakutia) population in 2008 / Ministry of Health of the RS (I) / Yakut state rep. med. inform.-analytic. Center. - Yakutsk: The company "Dani-Almaz", 2009. - p.120.
2. Itskovich I.E. The multilayer spiral CT of coronary arteries in a complex radiation diagnosis of CHD: synopsis of MD thesis / I.E. Itskovich. - 2008.
3. Makharova N.V. Clinico-instrumental characteristic of coronary atherosclerosis in Republic Sakha (Yakutia): synopsis of MD thesis.-2010.
4. Ternovoy S.K. Noninvasive diagnostics of atherosclerosis and calcinosis of coronary arteries / S.K. Ternovoy, V.E. Sinitsin, N.V. Gagarina / M.: Atmosphere, 2003.- P. 99-101.
5. Agatston A.S. Quantification of coronary artery calcium using ultrafast computed tomography / A.S. Agatston, W.R. Janowitz, F.J. Hildner / J. Am. Coll. Cardiol.-1990; 15; 827-832.

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