

This is a repository copy of Left atrial size and function in a South Asian population and their potential influence on the risk of atrial fibrillation.

White Rose Research Online URL for this paper: http://eprints.whiterose.ac.uk/137957/

Version: Accepted Version

Article:

O'Neill, J, Swoboda, PP orcid.org/0000-0001-7162-7079, Plein, S et al. (1 more author) (2018) Left atrial size and function in a South Asian population and their potential influence on the risk of atrial fibrillation. Clinical cardiology, 41 (10). pp. 1379-1385. ISSN 0160-9289

https://doi.org/10.1002/clc.23064

© 2018 Wiley Periodicals, Inc. This is the peer reviewed version of the following article: O'Neill, J, Swoboda, PP, Plein, S et al. (1 more author) (2018) Left atrial size and function in a South Asian population and their potential influence on the risk of atrial fibrillation. Clinical cardiology, 41 (10). pp. 1379-1385, which has been published in final form at https://doi.org/10.1002/clc.23064. This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Use of Self-Archived Versions.

Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



eprints@whiterose.ac.uk https://eprints.whiterose.ac.uk/

Passive LA EF						
	Univariable model			Multivariable model		
	Beta coefficient	Standard error	p value	Beta coefficient	Standard error	p value
Age	-0.529	0.001	<0.001	-0.491	0.001	<0.001
Male gender	-0.021	0.020	0.819			
South Asian	0.040	0.020	0.665			
Body mass index	-0.260	0.002	0.004	-0.081	0.002	0.330
LV ejection fraction	-0.113	0.001	0.221			
LV mass/BSA	-0.081	0.001	0.382			
Hypertension	-0.175	0.034	0.056	0.034	0.032	0.286
Diabetes mellitus	-0.219	0.044	0.016	-0.133	0.039	0.098
Active LA EF						
Age	0.218	0.001	0.017	0.193	0.001	0.031
Male gender	-0.097	0.018	0.290			
South Asian	0.033	0.018	0.720			
Body mass index	0.059	0.002	0.520			
LV ejection fraction	0.028	0.001	0.761			
LV mass/BSA	-0.202	0.001	0.027	-0.191	0.001	0.031
Hypertension	0.039	0.032	0.676			
Diabetes mellitus	0.220	0.041	0.016	0.168	0.041	0.062
Total LA EF						
Age	-0.304	0.000	0.001	-0.272	0.000	0.003
Male gender	-0.125	0.014	0.174			
South Asian	0.068	0.014	0.458			
Body mass index	-0.180	0.001	0.049	-0.077	0.001	0.397
LV ejection fraction	-0.084	0.001	0.360			
LV mass/BSA	-0.258	0.001	0.004	-0.248	0.001	0.004
Hypertension	-0.119	0.024	0.196			
Diabetes mellitus	-0.012	0.032	0.893			

Supplemental Table 2. Univariable and multivariable linear regression analysis for passive, active and total LA EF

Abbreviations: LA EF, left atrial ejection fraction; LV, left ventricular; BSA, body surface area.