



UNIVERSITY OF LEEDS

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/>

Table 3. Multivariable regression for LAV_{min}/BSA, LAV_{max}/BSA and total LA EF

LAV_{min}/BSA			
Variable	Beta coefficient	Standard error	p-value
Age	0.383	0.034	<0.001
Male gender	-0.012	0.987	0.894
South Asian	-0.201	0.837	0.008
Body mass index	0.104	0.086	0.183
LV mass/BSA	0.357	0.048	<0.001
Hypertension	0.083	1.518	0.286
LAV_{max}/BSA			
Age	0.291	0.066	0.001
South Asian	-0.267	1.625	0.001
Body mass index	0.083	0.166	0.317
LV mass/BSA	0.277	0.078	0.001
Hypertension	0.089	2.970	0.288
Total LA EF			
Age	-0.272	0.000	0.003
Body mass index	-0.077	0.001	0.397
LV mass/BSA	-0.248	0.001	0.004

Abbreviations: LAV_{min}, minimum left atrial volume; BSA, body surface area; LAV_{max}, maximum left atrial volume; LA EF, left atrial ejection fraction; LV, left ventricular