

UNIVERSITY OF BIRMINGHAM

Research at Birmingham

The impact of bariatric surgery on estimated glomerular filtration rate in patients with type 2 diabetes

Mirajkar, Nikhil; Bellary, Srikanth; Ahmed, Mohamed; Singhal, Rishi; Daskalakis, Markos; Tahrani, Abd

DOI:

[10.1016/j.soard.2016.02.024](https://doi.org/10.1016/j.soard.2016.02.024)

License:

Creative Commons: Attribution-NonCommercial-NoDerivs (CC BY-NC-ND)

Document Version

Peer reviewed version

Citation for published version (Harvard):

Mirajkar, N, Bellary, S, Ahmed, M, Singhal, R, Daskalakis, M & Tahrani, AA 2016, 'The impact of bariatric surgery on estimated glomerular filtration rate in patients with type 2 diabetes: a retrospective cohort study', *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*.
<https://doi.org/10.1016/j.soard.2016.02.024>

[Link to publication on Research at Birmingham portal](#)

Publisher Rights Statement:

Checked 14/10/2016

General rights

Unless a licence is specified above, all rights (including copyright and moral rights) in this document are retained by the authors and/or the copyright holders. The express permission of the copyright holder must be obtained for any use of this material other than for purposes permitted by law.

- Users may freely distribute the URL that is used to identify this publication.
- Users may download and/or print one copy of the publication from the University of Birmingham research portal for the purpose of private study or non-commercial research.
- User may use extracts from the document in line with the concept of 'fair dealing' under the Copyright, Designs and Patents Act 1988 (?)
- Users may not further distribute the material nor use it for the purposes of commercial gain.

Where a licence is displayed above, please note the terms and conditions of the licence govern your use of this document.

When citing, please reference the published version.

Take down policy

While the University of Birmingham exercises care and attention in making items available there are rare occasions when an item has been uploaded in error or has been deemed to be commercially or otherwise sensitive.

If you believe that this is the case for this document, please contact UBIRA@lists.bham.ac.uk providing details and we will remove access to the work immediately and investigate.

The impact of Bariatric Surgery on Renal Function in Patients with Type 2 Diabetes: A Retrospective Cohort Study

Mirajkar N BMedSci¹, Bellary S MD^{2,3}, Ahmed M MRCP³, Singhal R MD⁴, Daskalakis M PhD⁴, Tahrani AA PhD^{3,5}

¹School of Clinical and Experimental Medicine, University of Birmingham, Birmingham, UK

²Aston Research Centre for Healthy Ageing (ARCHA), Aston University, Birmingham, UK

³Department of Diabetes and Endocrinology, Birmingham Heartlands Hospital, Birmingham, UK

⁴Department of upper Gastrointestinal Surgery, Birmingham Heartlands Hospital, Birmingham, UK

⁵Institute of Metabolism and Systems Research, University of Birmingham, Birmingham, UK

Corresponding author:

Dr Abd A Tahrani

Department of Diabetes and Endocrinology

Birmingham Heartlands Hospital

Birmingham B9 5SS,

UK

Abd.tahrani@nhs.net

Word count: ~~2802~~3174; Tables 5

Keywords: bariatric surgery, type 2 diabetes, chronic kidney disease, nephropathy, albuminuria, renal function, estimated glomerular filtration rate

Funding: This project was funded by the department of diabetes at Birmingham Heartlands Hospital and the National Institute for Health Research (NIHR) in the UK. A. A. T. is a clinician scientist supported by NIHR. The views expressed in this publication are those of the author(s) and not necessarily those of the National Health Service, the NIHR or the Department of Health