

## Task and Role Perceptions of GDM Management as Reported by Multidisciplinary Team Members in Australia

**Link to publication record in USC Research Bank:**

<http://research.usc.edu.au/vital/access/manager/Repository/usc:27042>

**Document Version:**

Author accepted manuscript (postprint)

**Citation for published version:**

Meloncelli, Nina; Barnett, Adrian; De Jersey, Susan (2018) Task and Role Perceptions of GDM Management as Reported by Multidisciplinary Team Members in Australia. 35th Dietitians Association of Australia National Conference, *Nutrition and Dietetics*, Vol. 75, Supplement 1, pp.52. DOI: 10.1111/1747-0080.12426

**Copyright Statement:**

Copyright © 2018 The Authors.

**General Rights:**

Copyright for the publications made accessible via the USC Research Bank is retained by the author(s) and / or the copyright owners and it is a condition of accessing these publications that users recognize and abide by the legal requirements associated with these rights.

**Take down policy**

The University of the Sunshine Coast has made every reasonable effort to ensure that USC Research Bank content complies with copyright legislation. If you believe that the public display of this file breaches copyright please contact [research-repository@usc.edu.au](mailto:research-repository@usc.edu.au) providing details, and we will remove the work immediately and investigate your claim.

## **TASK AND ROLE PERCEPTIONS OF GDM MANAGEMENT AS REPORTED BY MULTIDISCIPLINARY TEAM MEMBERS IN AUSTRALIA**

**NINA MELONCELLI**<sup>1,2</sup>, **ADRIAN BARNETT**<sup>3</sup>, **SUSAN DE JERSEY**<sup>2,4</sup>

<sup>1</sup>*Sunshine Coast University Hospital, QLD, Australia*

<sup>2</sup>*School of Exercise and Nutrition Sciences, Queensland University of Technology, QLD, Australia*

<sup>3</sup>*School of Public Health and Social Work and Institute of Health and Biomedical Innovation, Queensland University of Technology, QLD, Australia*

<sup>4</sup>*Department of Nutrition and Dietetics, Royal Brisbane and Women's Hospital, QLD, Australia*

Gestational diabetes mellitus (GDM) is increasing and innovative models of care (MoC) are required to ensure women receive adequate care within finite health resources. An understanding of current practices and multidisciplinary team (MDT) member perceptions towards roles and tasks is important for developing MoC. The aim of this survey was to examine the task and role perceptions of the GDM MDT in Australia. A 64-item electronic questionnaire was sent to all Queensland Health facilities between May and June 2017, and was available nationally through professional organisations. Of the 183 respondents, all agreed that a MDT approach is best for managing GDM. However, there was lack of clarity around which MDT members should undertake specific tasks. Most respondents agreed that dietitians can provide medical nutrition therapy but there was also a perception that this can be done by diabetes educators (53%), endocrinologists (35%), midwives (19%), obstetricians (15%) or general practitioners (15%). Similarly, over 50% of respondents believed that advice on how to achieve appropriate gestational weight gain could be given by any of the GDM MDT. Similar results were assessed for 11 other tasks. The results of this national survey indicate there is a lack of role identity in the management of GDM. Potential reasons may be due a lack of evidence to support specific roles, health professionals' beliefs, or lack of appropriate resourcing for MDT members. The results of this research have been used in the development of a novel, dietitian-led MoC to be trialled in Queensland in 2018.

Funding source: Wishlist Sunshine Coast Hospital Foundation

Contact author: Nina Meloncelli – [nina.meloncelli@health.qld.gov.au](mailto:nina.meloncelli@health.qld.gov.au)