

VU Research Portal

The role of vitamin D in glycaemic control

Krul-Poel, Y.H.M.

2017

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Krul-Poel, Y. H. M. (2017). *The role of vitamin D in glycaemic control*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

TABLE OF CONTENTS

	General Introduction	9
Part I	Gestational diabetes	19
Chapter 1	Vitamin D and Gestational Diabetes Mellitus: a systematic review and meta-analysis	22
Part II	PCOS	31
Chapter 2	The role of vitamin D in metabolic disturbances in polycystic ovary syndrome (PCOS): a systematic review	32
Chapter 3	The association between vitamin D and metabolic disturbances in polycystic ovary syndrome (PCOS): a cross-sectional study	55
Part III	Type 2 Diabetes	71
Chapter 4	Study protocol: A randomised placebo-controlled clinical trial to study the effect of vitamin D supplementation on glycaemic control in type 2 Diabetes Mellitus (SUNNY trial)	75
Chapter 5	Effect of vitamin D supplementation on glycemic control in patients with Type 2 Diabetes (SUNNY trial): A Randomised Placebo-Controlled Trial	87
Chapter 6	Vitamin D status and health-related quality of life in patients with Type 2 Diabetes	101
Chapter 7	Effect of vitamin D supplementation on health-related quality of life in patients with type 2 diabetes mellitus: a randomised double-blind placebo-controlled trial	115
Chapter 8	Vitamin D status is associated with skin autofluorescence in patients with type 2 diabetes mellitus: a preliminary report	131
Chapter 9	The effect of vitamin D supplementation on glycaemic control in patients with Type 2 Diabetes Mellitus: a systematic review and meta-analysis	145

PART IV: GENERAL DISCUSSION AND SUMMARY**165**

General discussion	166
Summary	173
Nederlandse samenvatting	175
Dankwoord	178
About the author	181
List of publications	182