

VU Research Portal

Emotional and physical health in older persons: a role for vitamin D?

de Koning, E.J.

2020

document version

Publisher's PDF, also known as Version of record

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

citation for published version (APA)

de Koning, E. J. (2020). *Emotional and physical health in older persons: a role for vitamin D?* [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

CONTENTS

| | | |
|------------------|---|-----|
| Chapter 1 | General introduction | 9 |
| Chapter 2 | Vitamin D status and depressive symptoms in older adults: a role for physical functioning? | 29 |
| Chapter 3 | Change in serum 25-hydroxyvitamin D and parallel change in depressive symptoms in Dutch older adults. | 53 |
| Chapter 4 | Vitamin D supplementation to prevent depression and poor physical function in older adults: Study protocol of the D-Vitaal study, a randomized placebo-controlled clinical trial. | 73 |
| Chapter 5 | Vitamin D supplementation for the prevention of depression and poor physical function in older persons: the D-Vitaal study, a randomized clinical trial. | 103 |
| Chapter 6 | The relationship between serum 25(OH)D levels and anxiety symptoms in older persons: results from the Longitudinal Aging Study Amsterdam. | 129 |
| Chapter 7 | Vitamin D, PTH, and the risk of overall and disease-specific mortality: results of the Longitudinal Aging Study Amsterdam. | 147 |
| Chapter 8 | Effects of two-year vitamin B ₁₂ and folic acid supplementation on depressive symptoms and quality of life in older adults with elevated homocysteine concentrations: additional results from the B-PROOF study, an RCT. | 169 |
| Chapter 9 | General discussion | 191 |

| | |
|--|-----|
| Summary | 231 |
| Samenvatting (Summary in Dutch) | 239 |
| Dankwoord (Acknowledgements) | 247 |
| About the author | 261 |
| List of publications | 265 |