

## Atherosclerosis, cognitive impairment, and depression in old age



**David Vinkers**



# **Atherosclerosis, cognitive impairment, and depression in old age**

Proefschrift

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geboren te Dodewaard  
in 1975

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Alles in allem genommen haben wir hier offenbar einen eigenartigen Krankheitsprozeß vor uns.

(Alzheimer A, Über eine eigenartige Erkrankung der Hirnrinde. *Allgemeine Zeitschrift für Psychiatrie* 1907; 64: 146-48.)

## **Manuscripts based on this thesis**

**Chapter 1** Vinkers DJ, Gussekloo J, van der Mast RC, Zitman F, Westendorp RG. Benzodiazepine use and risk of mortality in individuals aged 85 years or older. *JAMA* 2003; 290: 2942-43.

**Chapter 2** Vinkers DJ, Gussekloo J, Westendorp RG. Leisure activities and the risk of dementia. *N Engl J Med* 2003; 349: 1290-92.

**Chapter 3** Vinkers DJ, Gussekloo J, Stek ML, Westendorp RG, van der Mast RC. The 15-item Geriatric Depression Scale (GDS-15) detects changes in depressive symptoms after a major negative life event. The Leiden 85-plus Study. *Int J Geriatr Psychiatry* 2004; 19: 80-84.

**Chapter 4** Stek ML, Vinkers DJ, Gussekloo J, van der Mast RC, Beekman ATF, Westendorp RGJ. The natural history of depression in the oldest old. A population-based prospective study. *Br J Psychiatry*, in press.

**Chapter 5** Vinkers DJ, Stek ML, Gussekloo J, van der Mast RC, Westendorp RG. Does depression in old age increase only cardiovascular mortality ? The Leiden 85-plus Study. *Int J Geriatr Psychiatry* 2004; 19: 852-57.

**Chapter 6** Stek ML, Vinkers DJ, Gussekloo J, Beekman AT, van der Mast RC, Westendorp RG. Is depression in old age fatal only when people feel lonely ? *Am J Psychiatry* 2005; 162: 178-80.

**Chapter 7** Vinkers DJ, Gussekloo J, Stek ML, Westendorp RG, van der Mast RC. Depression and cognitive impairment in old age: what comes first ? The Leiden 85-plus Study. *BMJ* 2004; 329: 881.

**Chapter 8** Vinkers DJ, Stek ML, van der Mast RC, de Craen AJM, Le Cessie S, Jolles J, Westendorp RGJ, Gussekloo J. Generalized atherosclerosis, cognitive function, and depressive symptoms in old age. *Neurology* 2005; 65: 107-12.

**Chapter 9** Vinkers DJ, van der Mast RC, Stek ML, Westendorp RGJ, Gussekloo J. Disentangling the relation between atherosclerosis, cognitive impairment and late-onset depression.

## **Contents**

<b>Introduction</b>		8
<b>Chapter 1</b>	The Cox proportional-hazards model	11
<b>Chapter 2</b>	The linear mixed model	15
<b>Chapter 3</b>	The repeated use of the 15-item Geriatric Depression Scale	19
<b>Chapter 4</b>	The natural history of depression in old age	29
<b>Chapter 5</b>	Does depression in old age increase cardiovascular mortality ?	39
<b>Chapter 6</b>	Depression leads to mortality only when feeling lonely	51
<b>Chapter 7</b>	Depression and cognitive impairment in old age: what comes first ?	59
<b>Chapter 8</b>	Atherosclerosis, cognitive impairment, and depression in old age	71
<b>Chapter 9</b>	Disentangling the relation between atherosclerosis, cognitive impairment and depression in old age	85
<b>Samenvatting</b>		99
<b>Nawoord</b>		105
<b>Curriculum Vitae</b>		107