

Sind Placebos unethisch?



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Placebo

Conflict of interest

Grünenthal

Janssen-Cilag

Mundipharma

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Placebo - Definition

- Intervention zur Stimulation einer medizinischen Therapie
ohne spezifische therapeutische Wirkung

Brody 1985

Placebo - Definition

z.B. Scheinmedikament
ohne aktiven Wirkstoff

Inert !?

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Placebo in der Praxis - DK

86%

+

48%

> 10 x/Jahr

46%

ethisch akzeptabel

Grund: Vermeiden von Konfrontation

Häufigstes Placebo: Antibiotika bei
viralem Infekt

Placebo in der Praxis - USA

46 - 58%	regelmäßig Placebo
62%	ethisch akzeptabel
41%	OTC-Analgetika
38%	Vitamine
13%	Sedativa

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Der Wissenschaftliche Beirat der Bundesärztekammer hat sich in einer jetzt veröffentlichten Stellungnahme ausdrücklich dafür ausgesprochen, den Placeboeffekt gezielter als bisher zu nutzen „(Deutsches Ärzteblatt“, Bd. 107, S. A1417). Es sei an der Zeit, die **bahnbrechenden Erkenntnisse der Placeboforschung in den therapeutischen Alltag zu integrieren** und für die Optimierung der Standardtherapien zu verwenden, sagte Robert Jütte von der Robert-Bosch-Stiftung in Stuttgart, der die Federführung bei der Erarbeitung der Stellungnahme hatte

DIE WELT KOMPAKT

03.03.2011

Ärztekammer empfiehlt Placebos

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Placebo in der Medizin

Herausgegeben von der Bundesärztekammer
auf Empfehlung Ihres
Wissenschaftlichen Beirats



Deutscher
Ärzte-Verlag

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Placebo

Dosis - Wirkung

2 Kapseln >> 1 Kapsel

z.B. 2 x 30 mg Morphin >> 60 mg Morphin

Placebo

Dosis/Farbe - Wirkung

- Größere Kapseln: stärker

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Placebo

Invasivität - Wirkung

Injektionen >> Tabletten

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Placebo Invasivität - Wirkung

Schein-Akupunktur >> Tabletten

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Placebowirkung

"The reason why Dr Smith is so successful is because he is so positive." This statement made by a senior colleague, after we had overheard Dr Smith giving some emphatic instructions to a patient, was the beginning of this investigation.

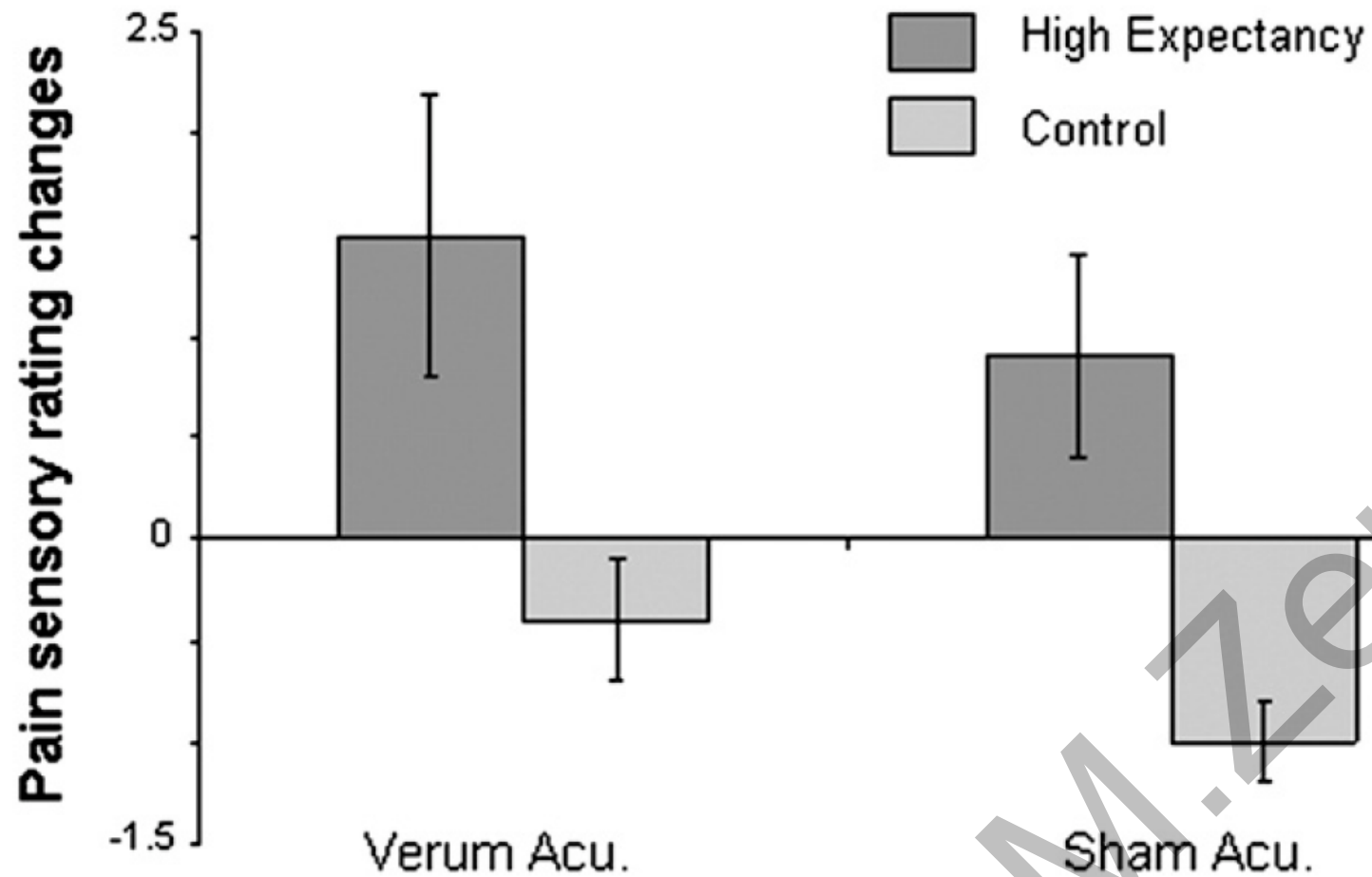
Klare Diagnose

64%

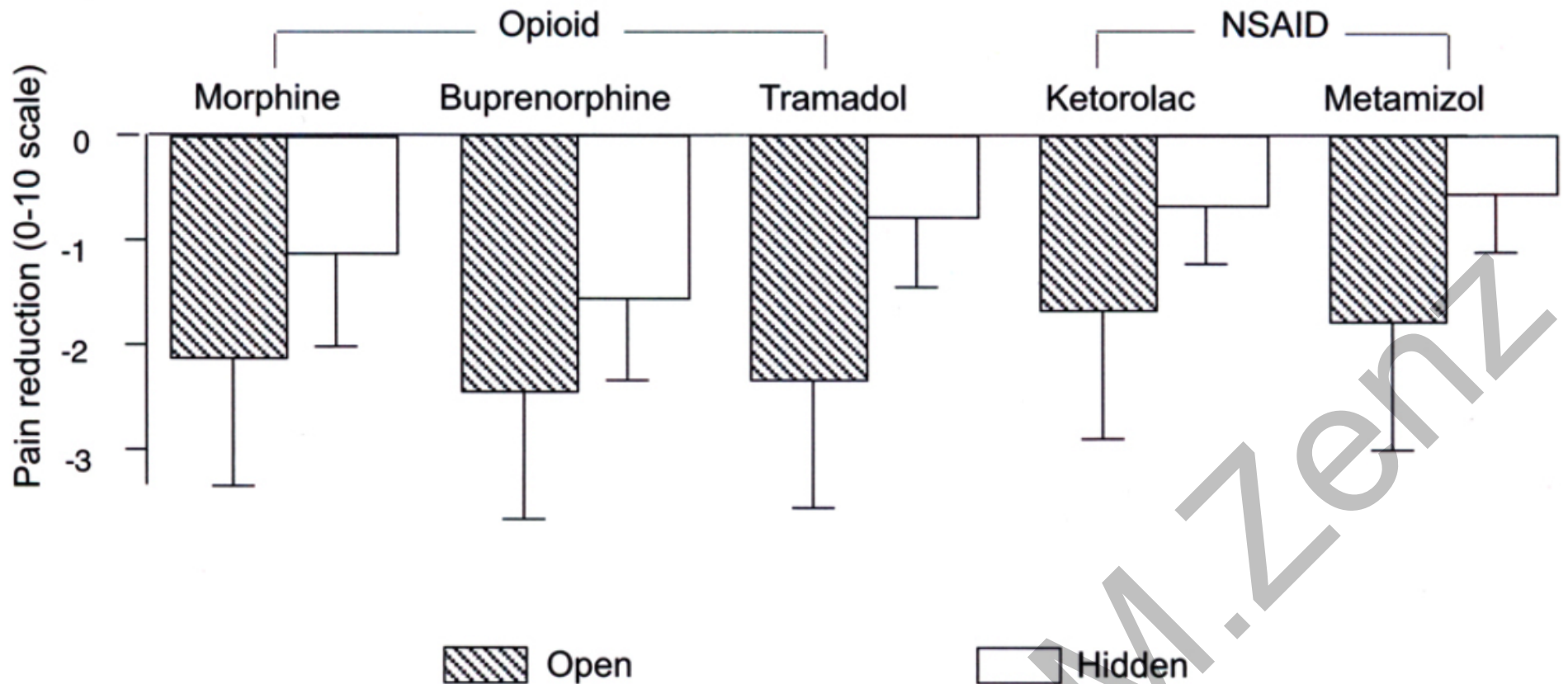
Keine Diagnose

36%

Effekt der Erwartung



Placebo - Erwartung



Placebo - Erwartung

Offene Therapie effektiver als
eine verborgene

open-hidden paradigm

Placebo - Preis

JAMA[®]

Online article and related content
current as of June 16, 2009.

Commercial Features of Placebo and Therapeutic Efficacy

Rebecca L. Waber; Baba Shiv; Ziv Carmon; et al.

JAMA. 2008;299(9):1016-1017 (doi:10.1001/jama.299.9.1016)

<http://jama.ama-assn.org/cgi/content/full/299/9/1016>

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Figure. Pain Ratings by Voltage Intensity

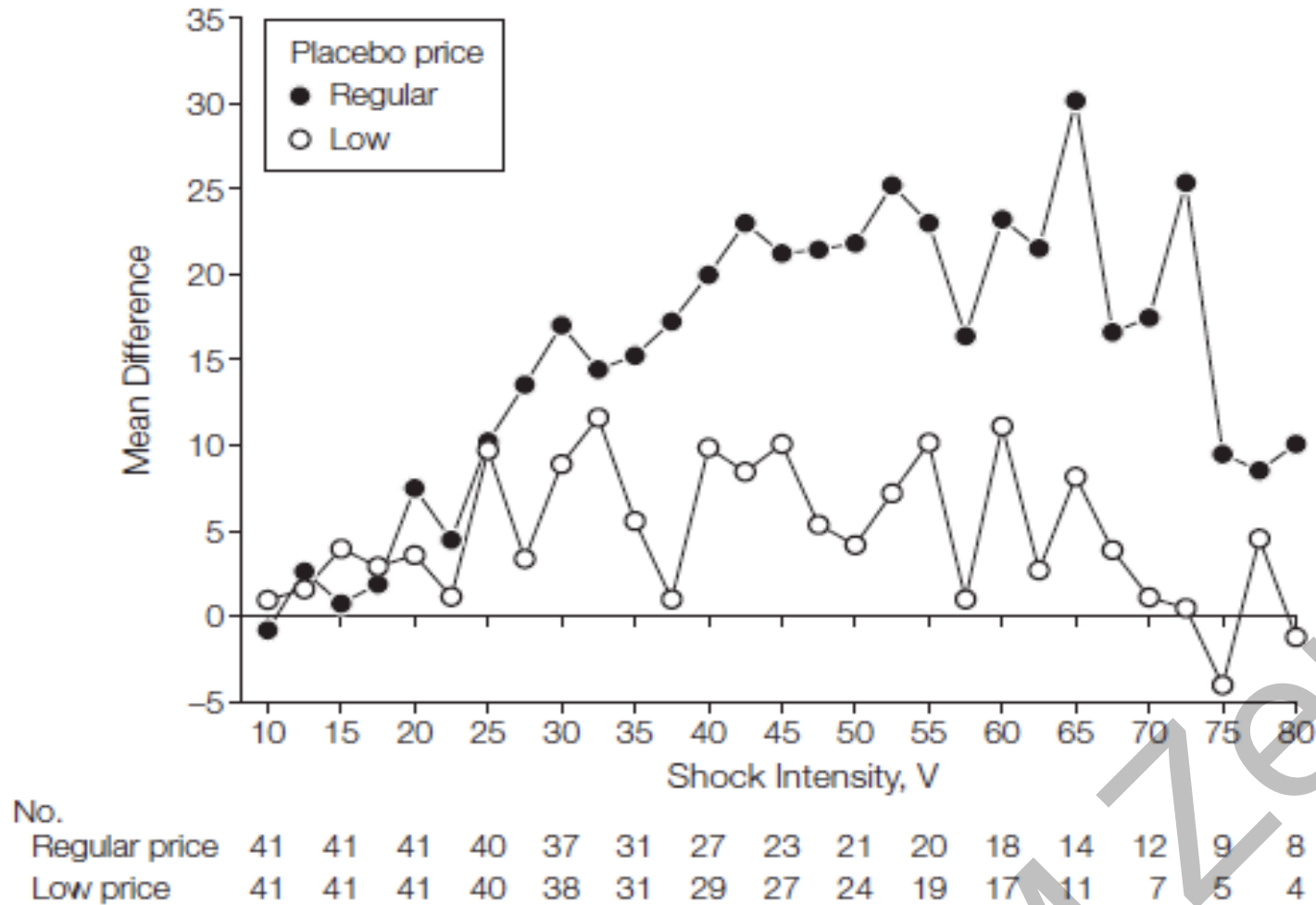
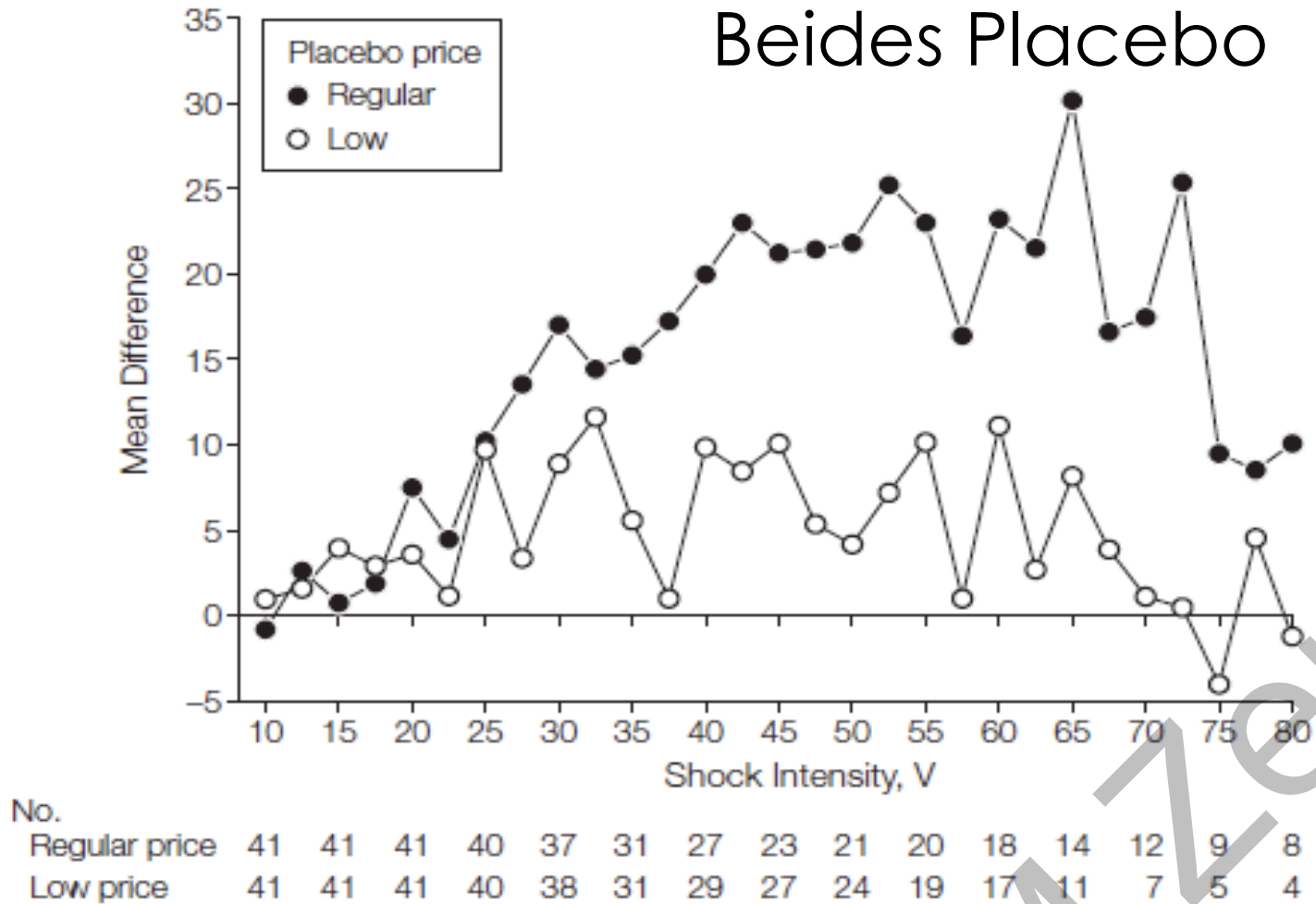


Figure. Pain Ratings by Voltage Intensity



Placebo - Erwartung

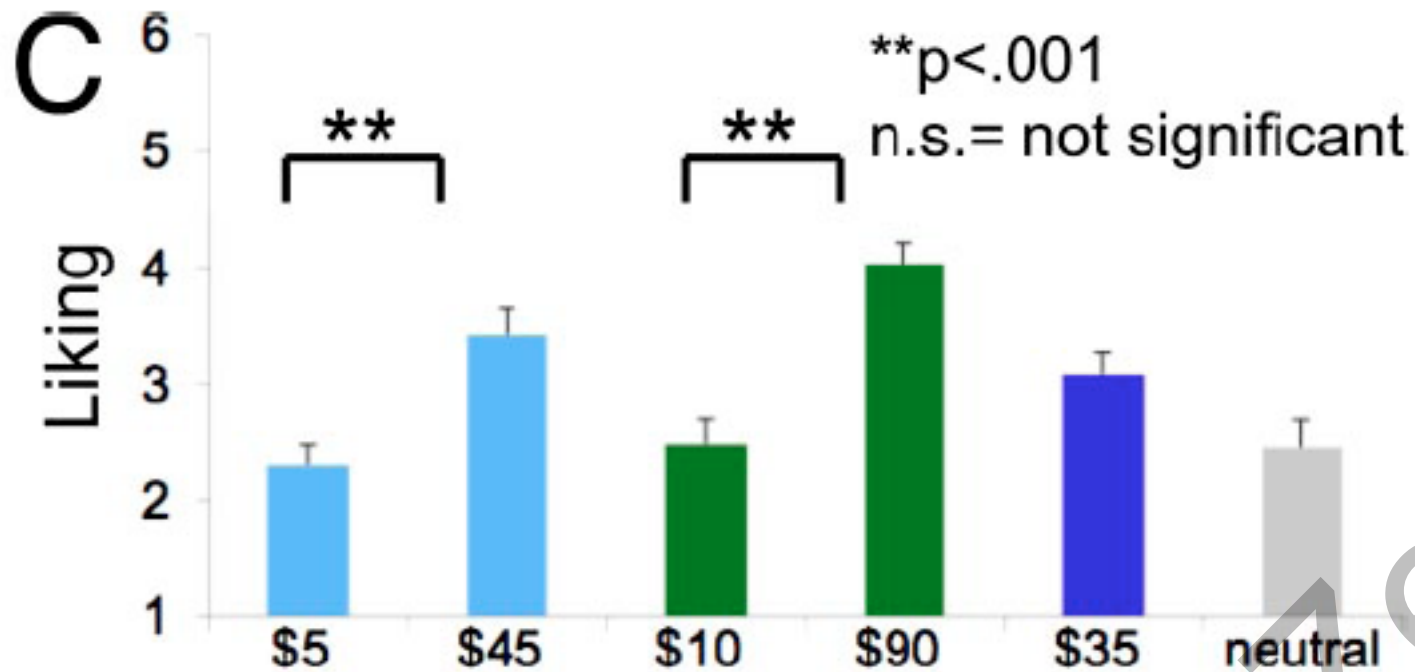
Marketing actions can modulate neural representations of experienced pleasantness

Hilke Plassmann*, John O'Doherty*, Baba Shiv[†], and Antonio Rangel*[‡]

*Division of the Humanities and Social Sciences, California Institute of Technology, MC 228-77, Pasadena, CA 91125; and [†]Stanford Graduate School of Business, Stanford University, 518 Memorial Way, Littlefield L383, Stanford, CA94305

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Placebo - Erwartung



Placebo - Erwartung

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Alle dieselben Weine!

Placebo – Erwartung ?

The New England Journal of Medicine

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NUMBER 2



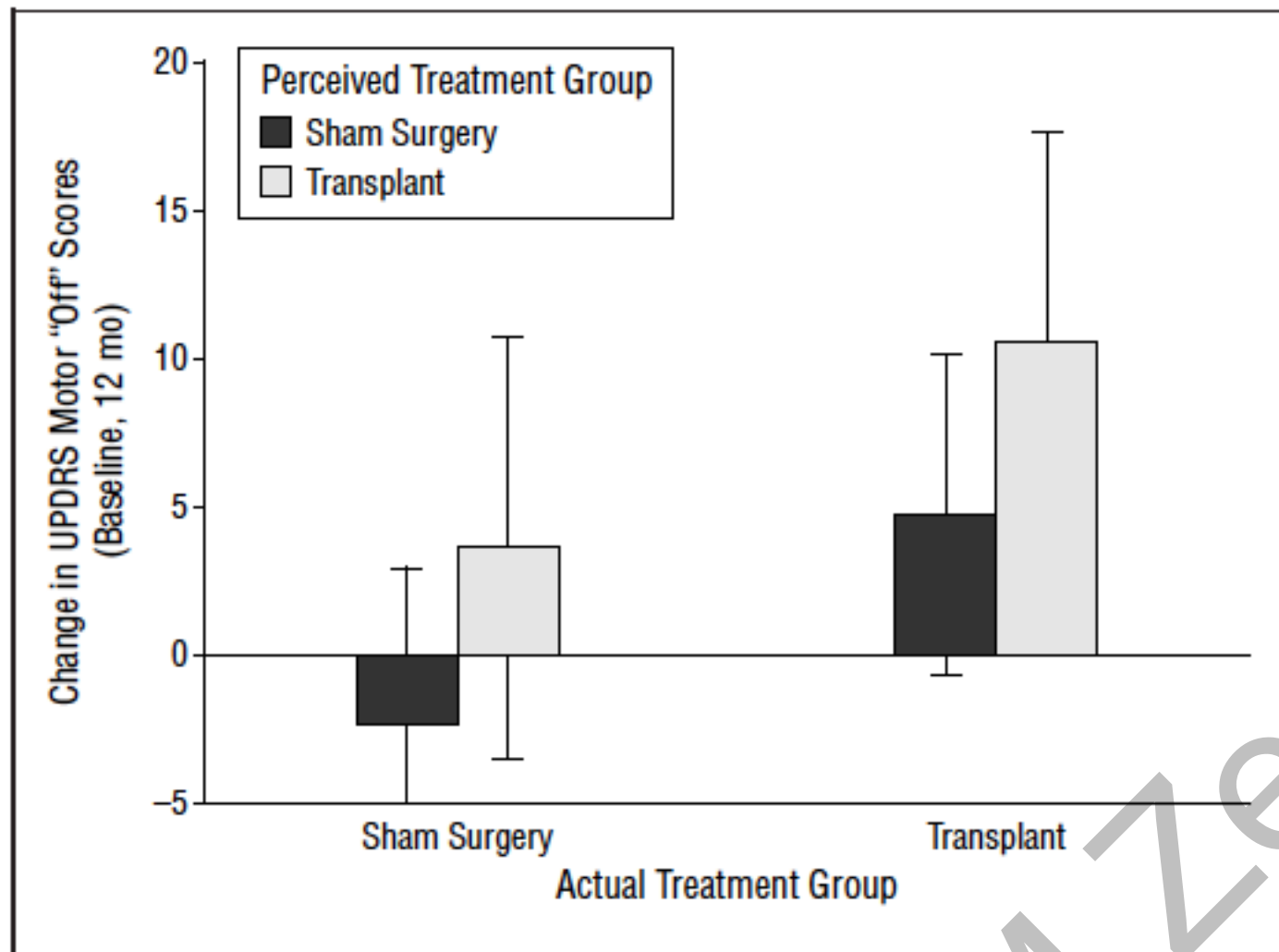
A CONTROLLED TRIAL OF ARTHROSCOPIC SURGERY FOR OSTEOARTHRITIS OF THE KNEE

J. BRUCE MOSELEY, M.D., KIMBERLY O'MALLEY, PH.D., NANCY J. PETERSEN, PH.D., TERRI J. MENKE, PH.D.,
BARUCH A. BRODY, PH.D., DAVID H. KUYKENDALL, PH.D., JOHN C. HOLLINGSWORTH, DR.P.H.,
CAROL M. ASHTON, M.D., M.P.H., AND NELDA P. WRAY, M.D., M.P.H.

Effects of Perceived Treatment on Quality of Life and Medical Outcomes in a Double-blind Placebo Surgery Trial

Cynthia McRae, PhD; Eva Cherin, MA; T. Gayle Yamazaki, PhD; Gretchen Diem, PhD; Alexander H. Vo, PhD; Dan Russell, PhD; J. Heiner Ellgring, PhD; Stanley Fahn, MD; Paul Greene, MD; Sandra Dillon, RN; Hal Winfield, RN; Kimberly B. Bjugstad, PhD; Curt R. Freed, MD

Arch Gen Psychiatry. 2004;61:412-420



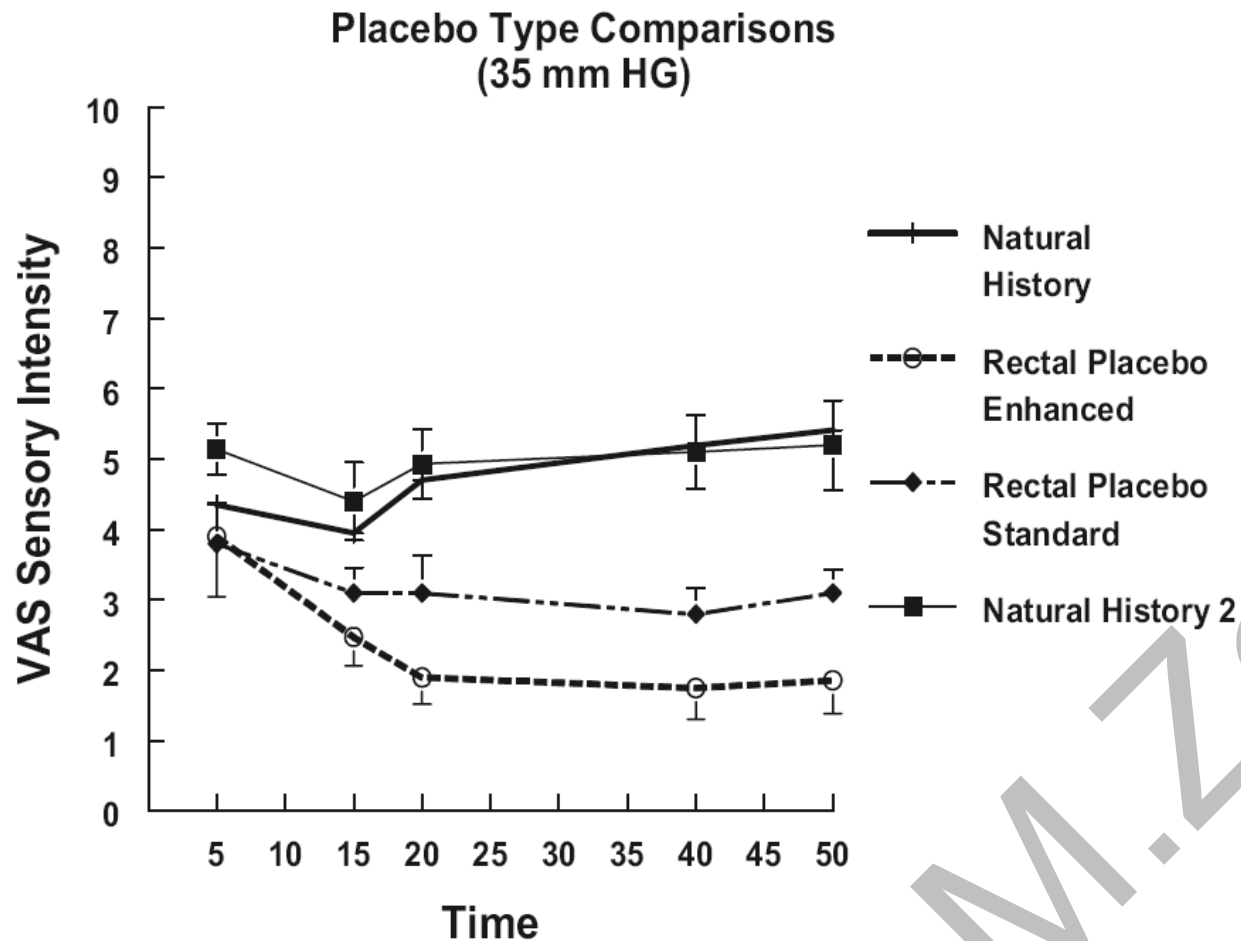
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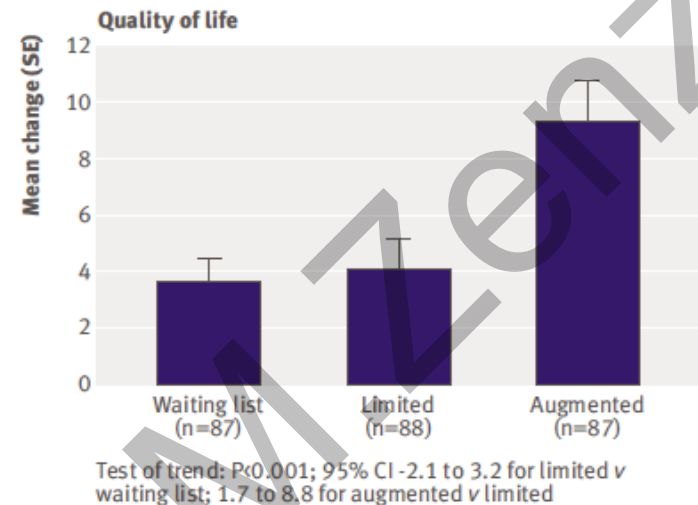
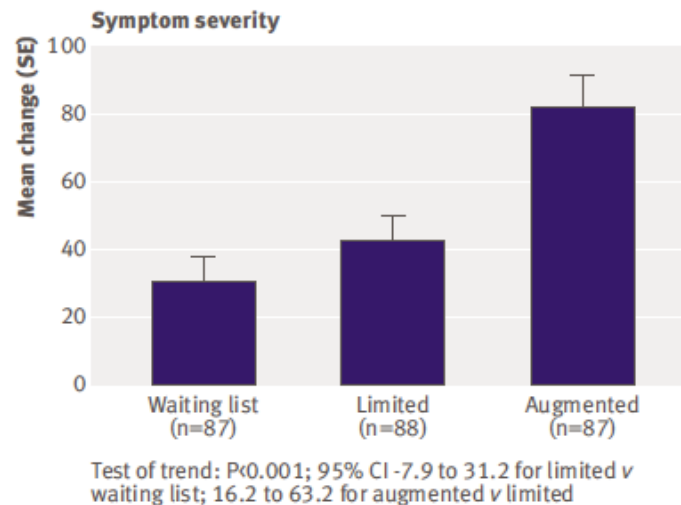
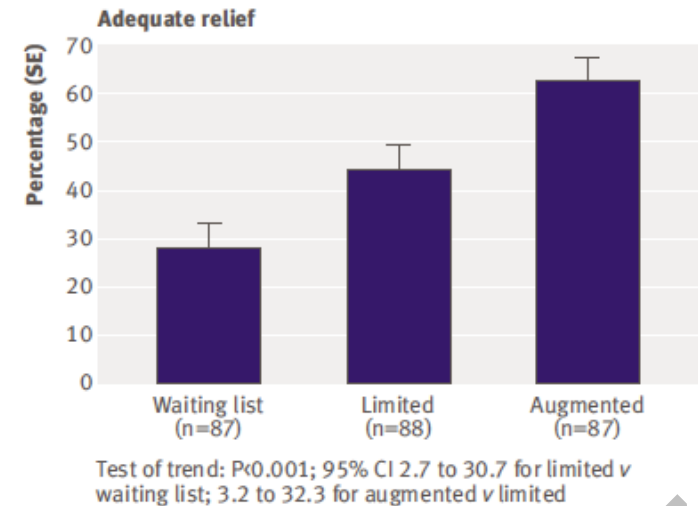
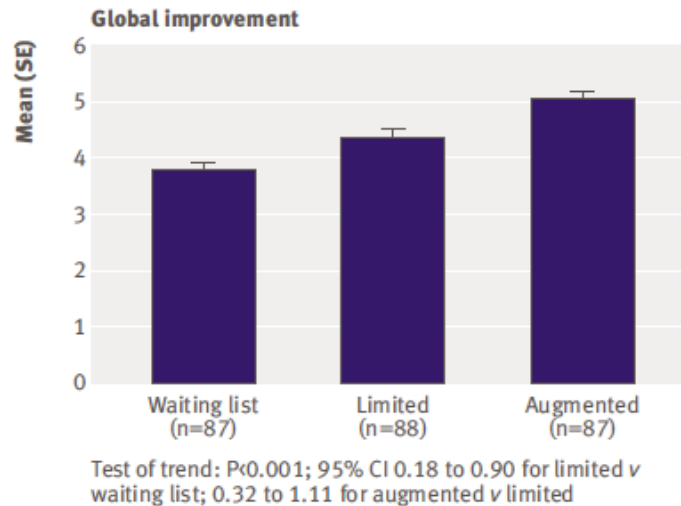
Arch Gen Psychiatry.2004;61:412-420

Conclusions: The placebo effect was very strong in this study, demonstrating the value of placebo-controlled surgical trials.

Effekt von Zuwendung



Placebo



Placebo

What is already known on this topic

In theory, the placebo effect of the clinical encounter can be divided into the response to three main components: assessment/observation, therapeutic ritual (placebo), and patient-physician relationship

What this study adds

Three components of the medical encounter can be progressively added to produce incremental improvement in symptoms

A therapeutic ritual (placebo treatment) has a modest benefit beyond no treatment

Placebo effects produce statistically and clinically significant improvement and the patient-physician relationship is the most robust component of the placebo effect

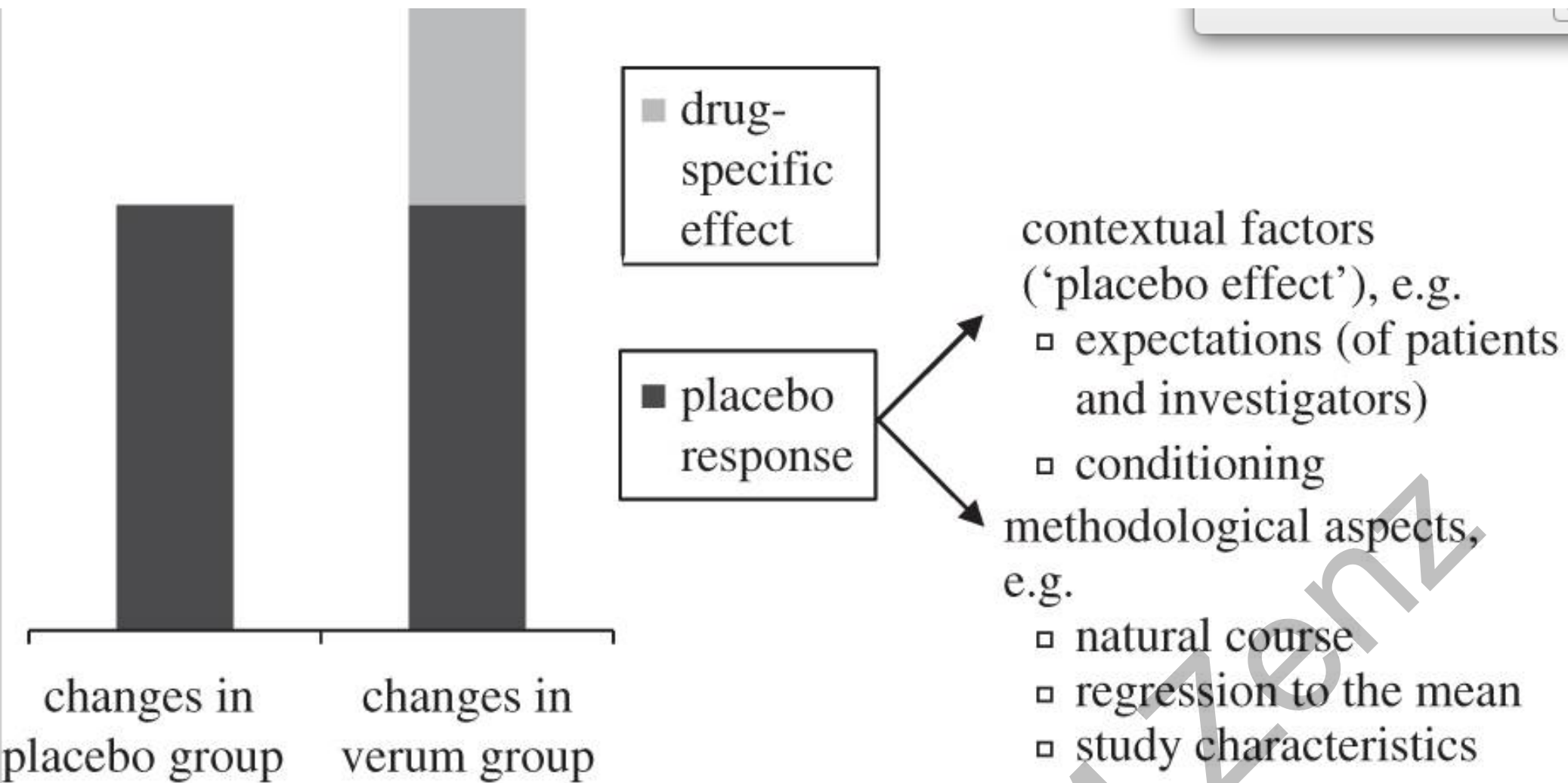
Den größten Effekt hat die Beziehung
zwischen Patient und Arzt

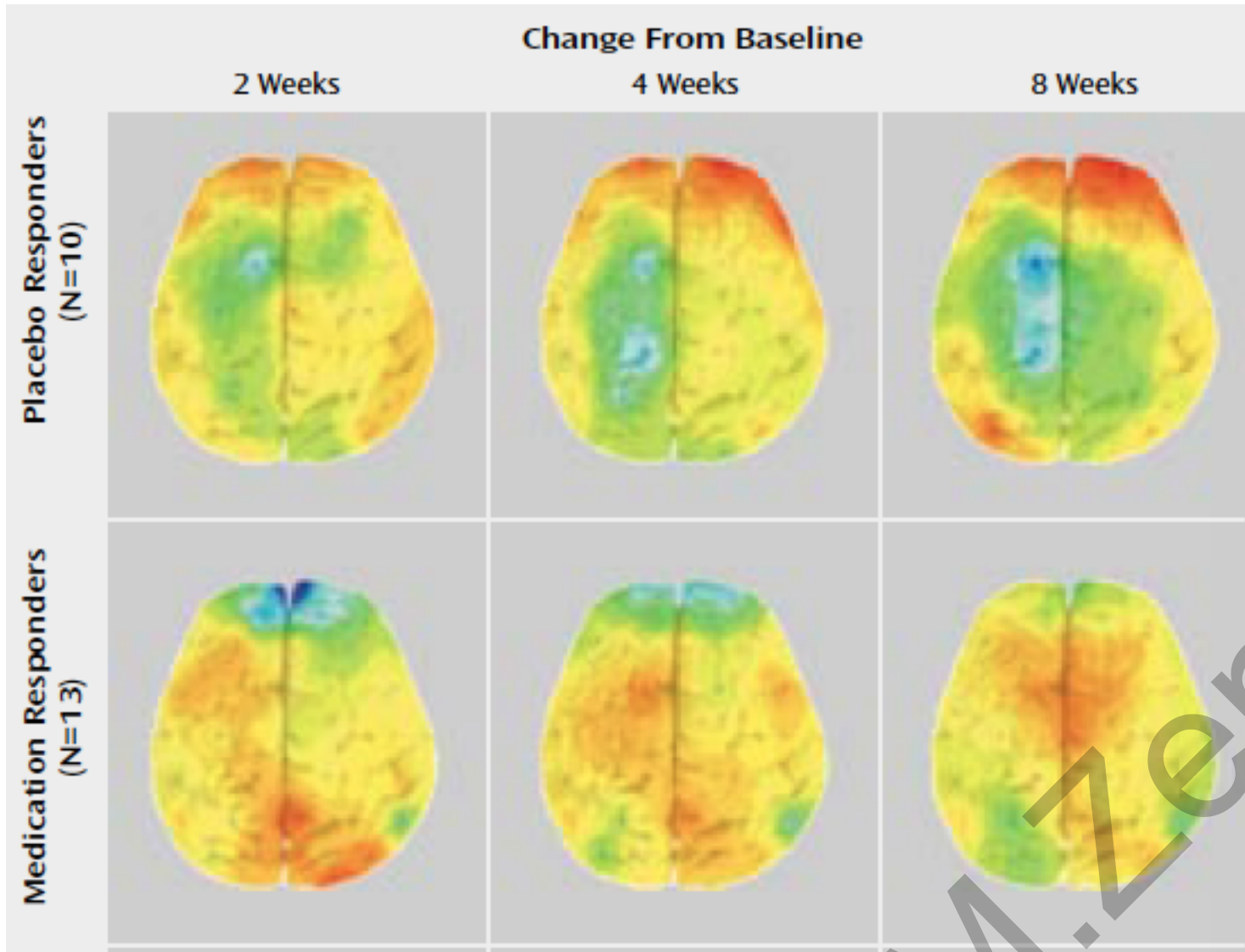
Lessons learned from placebo groups in antidepressant trials

Meike Shedden Mora, Yvonne Nestoriuc and Winfried Rief

Phil. Trans. R. Soc. B 2011 **366**, doi: 10.1098/rstb.2010.0394, published 16 May 2011

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Placebo

OPEN ACCESS Freely available online



Placebos without Deception: A Randomized Controlled Trial in Irritable Bowel Syndrome

Ted J. Kaptchuk^{1,2*}, Elizabeth Friedlander¹, John M. Kelley^{3,4}, M. Norma Sanchez¹, Efi Kokkotou¹, Joyce P. Singer², Magda Kowalczykowski¹, Franklin G. Miller⁵, Irving Kirsch⁶, Anthony J. Lembo¹

PLoS ONE | www.plosone.org

1

December 2010 | Volume 5 | Issue 12 | e15591

Placebo

“placebo pills made of an inert substance, like sugar pills, that have been shown in clinical studies to produce significant improvement in IBS symptoms through mind-body self-healing processes”

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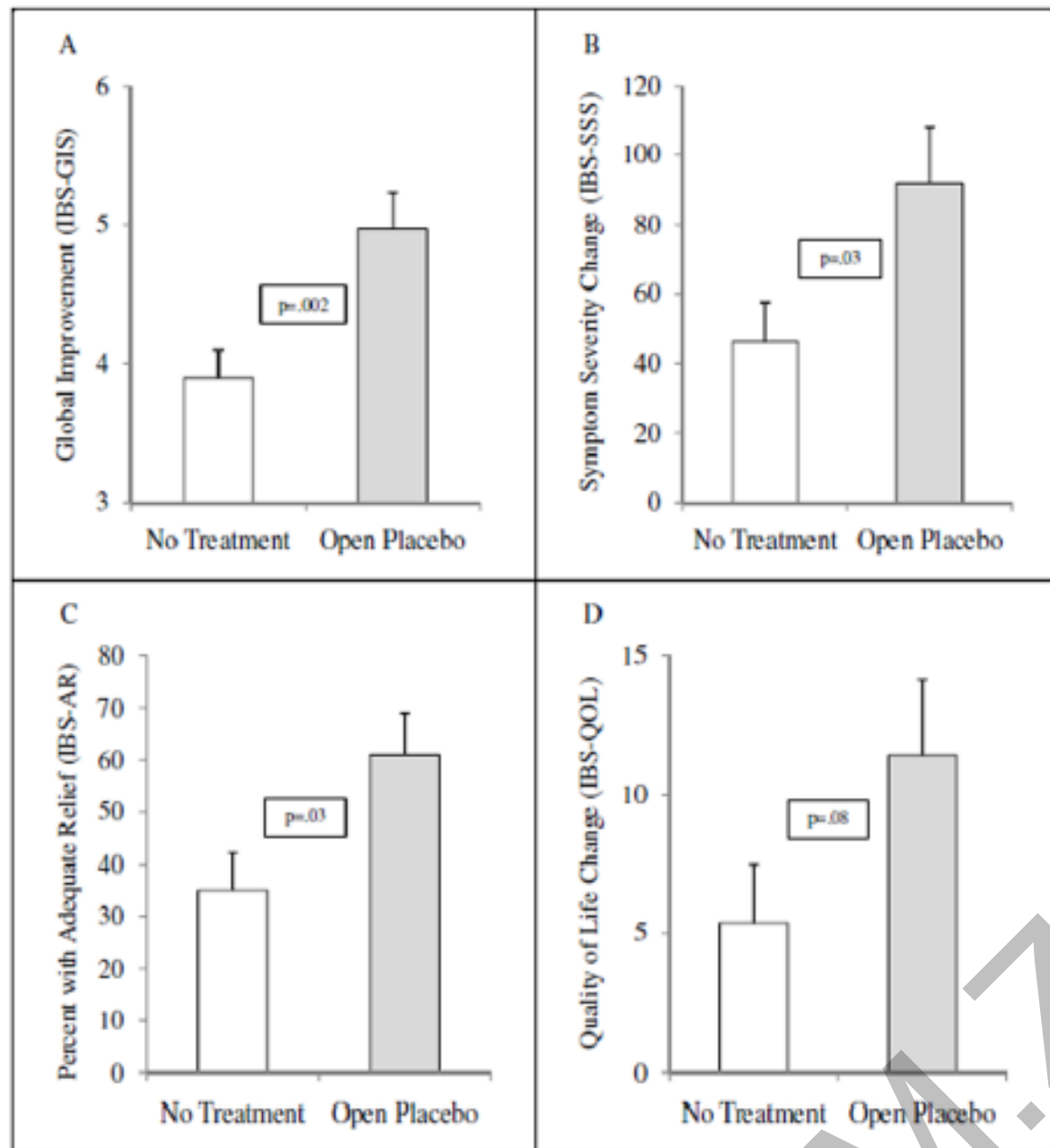


Figure 2. Outcomes at the 21-Day Endpoint by Treatment Group.
doi:10.1371/journal.pone.0015591.g002

Mechanismen des Placebo-Effekts

- Angstreduktion
- Erwartung - Kognition
- Übertragung
- Kontext
- Konditionierung - Lerneffekt

Placebowirkung stark

Schmerz

Depression

Nausea

Ulcus

Asthma

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Placebo

The silent healer: The role of communication
in placebo effects

BENSING, VERHEUL

Patient Education and Counseling: 2010, 80(3), 293-299

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Against Depression, a Sugar Pill Is Hard to Beat
Placebos Improve Mood, Change Brain Chemistry in Majority of Trials of Antidepressants

By Shankar Vedantam
Washington Post Staff Writer
Tuesday, May 7, 2002; Page A01

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