

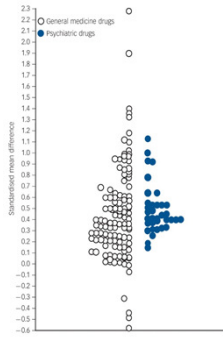
umcg Universitair Centrum Psychiatrie

Measurement based care; beter behandelen door behandelstappen af te stemmen op meetresultaten



Workshop NNNSA sept 2016
Robert Schoevers
Luuk Kalverdijk
Rob Wanders
Sjoerd Sytema

Effecten psychiatrische medicamenteuze behandeling vergeleken met andere medische behandelingen



Review article
Putting the efficacy of psychiatric and general medicine medication into perspective: review of meta-analyses
Stefan Leucht, Sandra Herl, Werner Kissling, Markus Dold and John M. Davis



Antidepressant drugs don't work - official study
PROZAC SEROXAT EFEXOR 75
• Millions of sufferers • Manufacturers 'withheld given ineffective remedies' vital data' to gain approval

Psychiatry as a black box



Routine Outcome Monitoring; *blessing in disguise*?



RoQua

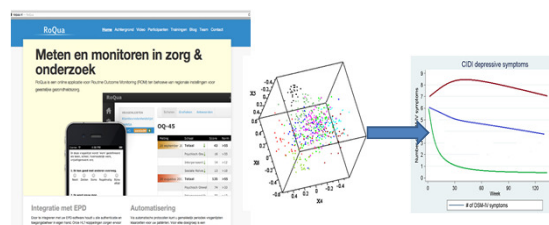


Toepassingen van systematische dataverzameling in de praktijk

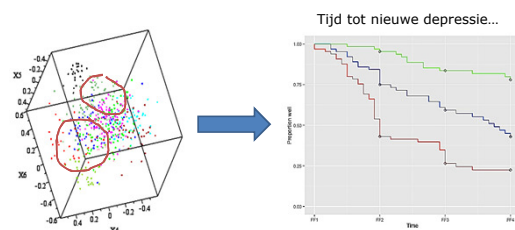
- Data gedreven
- Directe feedback
- Behandel algoritme



Applying data-mining algorithms to clinical data



Voorspellen van klinisch relevante uitkomsten



- 8.261 MDD patiënten (WMH-studie) & replicatie NCS studie
- Klinische uitkomsten; terugval, opname, disability

Van Loo et al. 2014a; Van Loo et al. 2014b;
Wardenaar et al. 2014; Kessler et al 2015

ORIGINAL ARTICLE
Testing a machine-learning algorithm to predict the persistence and severity of major depressive disorder from baseline self-reports

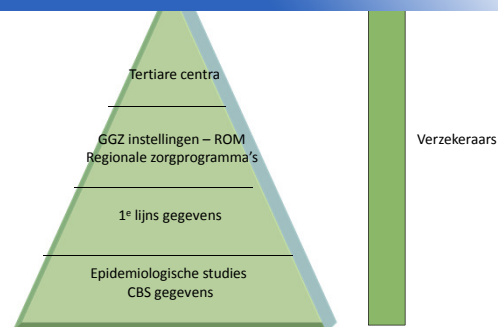
RC Kessler¹, HM van Loo², KU Wardenaar², BM Borsarte³, LA Brenner⁴, T Cai⁵, DD Ebert^{1,6}, I Hwang⁷, J Li⁸, P de Jonge², AA Nierenberg⁹, MV Petukhova¹⁰, AJ Rosellini¹¹, NA Sampson¹², RA Schoevers², MA Wilcox¹³ and AM Zaslavsky¹⁴

Symptomen, klinische kenmerken +

- Vroege traumatisering
- Familiäre belasting
- Recente levensgebeurtenissen
- Sociale en financiële problemen

	(%)
persist.	51.8
chronic	23.1
hospital	11.1
suic.	9.7
disabl.	6.5
persist.	33.1
chronic	13.8
hospital	5.3
suic.	3.1
disabl.	1.9
persist.	28.5
chronic	13.3
hospital	0.6
suic.	0.6
disabl.	1.0

Data delen voor betere zorg



IMPROVE



IMPROVING MENTAL HEALTH CARE USING PERSONALIZED TREATMENT BASED ON ANALYSES OF ROUTINE DATA FOR OPTIMAL VALUE AND EFFECTIVENESS.

ONDERZOEK, INNOVATIE EN IMPLEMENTATIE DOOR SAMENWERKING TUSSEN AANBIEDERS, VERZEKERAAARS EN WETENSCHAPPERS

Toepassingen van systematische dataverzameling in de praktijk

- Data gedreven
- Directe feedback
- Behandel algoritme



De therapeutische relatie



4-10-2016

13

Aspecifieke factoren

- Vertrouwen in de behandelaar
- Overtuigende verklaring (rationale) voor de klachten
- Geloof dat aanpak therapeut past bij de klachten
- Setting

Specifieke factoren

- Juist gebruik van therapeutische technieken
- Training en overtuiging
- Wat in de tablet zit, of in de therapie....

4-10-2016

14

Clinical Psychology and Psychotherapy
 Clin. Psychol. Psychother. 16, 361-373 (2009)

Waiting for Supershrink: An Empirical Analysis of Therapist Effects

John Okiishi,¹ Michael J. Lambert,^{2*} Stevan L. Nielsen³

- *Ervaring en opleiding spelen geen rol in (verschil) effectiviteit*
- *Effectieve therapeuten; kortere behandelingen - betere werksrelatie*
- *Objectieve uitkomsten niet gebruikt om beter te worden*

Expertise in Psychotherapy An Elusive Goal?

Tremee J. G. Tracey
 Bruce E. Wampold
 James W. Lichtenberg
 Rodney K. Goodyear

Arizona State University
 University of Wisconsin-Madison and Madam Bad
 Psychiatric Center, Vikersund, Norway
 University of Kansas
 University of Houston and University of Redlands



4-10-2016

16

Session Rating Scale (SRS V.3.0)

Name _____ Age (Yrs) _____
 ID# _____ Sex: M / F
 Session# _____ Date: _____

Please rate today's session by placing a mark on the line nearest to the description that best fits your experience.

Relationship

I did not feel heard, understood, and respected. _____ I felt heard, understood, and respected.

Goals and Topics

We did not work on or talk about what I wanted to work on and talk about. _____ We worked on and talked about what I wanted to work on and talk about.

Approach or Method

The therapist's approach is not a good fit for me. _____ The therapist's approach is a good fit for me.

Overall

There was something missing in the session today. _____ Overall, today's session was right for me.

4-10-2016

Institute for the Study of Therapeutic Change

Feedback...

- Feedback over voortgang patiënt helpt om therapeuten effectiever te maken (mn 'Not On Track')
- Recent onderzoek (van Oenen) liet geen effect zien

van Oenen et al. BMC Psychiatry (2016) 16:110
 DOI 10.1186/s12888-016-0811-z

BMC Psychiatry

RESEARCH ARTICLE

Open Access

Feedback-informed treatment in emergency psychiatry; a randomised controlled trial

Flip Jan van Oenen^{1,4*}, Suzy Schipper¹, Rien Van¹, Robert Schoevers², Irene Visch¹, Jaap Peen¹ and Jack Dekker^{1,3}

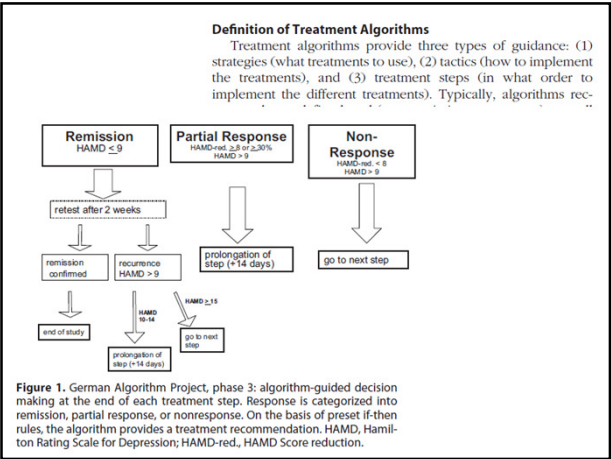
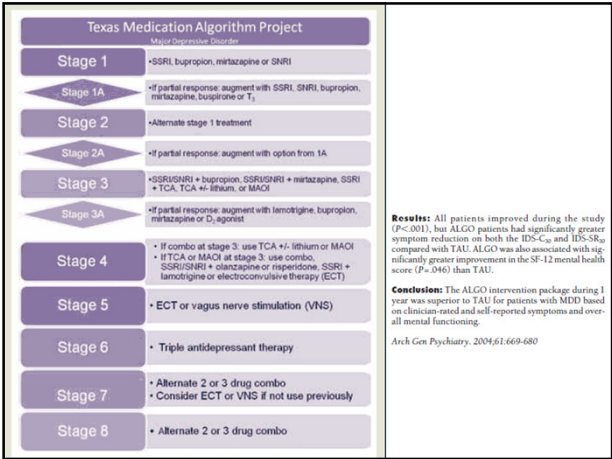
4-10-2016

17

Toepassingen van systematische dataverzameling in de praktijk

- Data gedreven
- Directe feedback
- Behandel algoritme



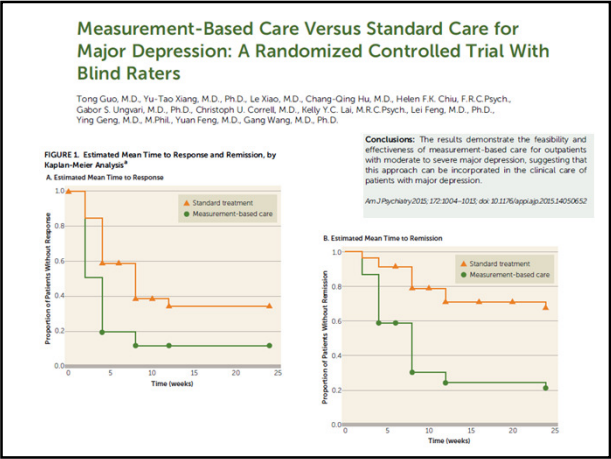


Thota et al / Am J Prev Med 2012;42(5):525-538

533

Table 3. Summary of findings for all outcomes: collaborative care versus usual care

Outcome	Study arms, n	Effect estimate ^a (95% CI)	Translation ^{b,c}
Depression symptom improvement	28	SMD=0.34 (0.25, 0.43)	Meaningful effect
Adherence	10	OR=2.22 (1.67, 2.96)	Meaningful effect
Response	14	OR=1.78 (1.42, 2.23)	Meaningful effect
Remission (<6 months)	5	OR=2.37 (1.72, 3.25)	Meaningful effect
Remission (6 months)	9	OR=1.74 (1.14, 2.63)	Meaningful effect
Recovery (12 months)	5	OR=1.75 (1.17, 2.61)	Meaningful effect
Quality of life (includes functional status)	15	SMD=0.12 (0.05, 0.20)	Small effect
Satisfaction with care	11	SMD=0.39 (0.26, 0.51)	Meaningful effect



 Universitair Centrum
Psychiatrie

Measurement based care; beter behandelen door
behandelstappen af te stemmen op
meetresultaten

Robert Schoevers
Luuk Kalverdijk
Rob Wanders
Sjoerd Sytema



 Universitair Centrum
Psychiatrie

Measurement based care; beter behandelen door
behandelstappen af te stemmen op
meetresultaten

Robert Schoevers
Luuk Kalverdijk
Rob Wanders
Sjoerd Sytema

