



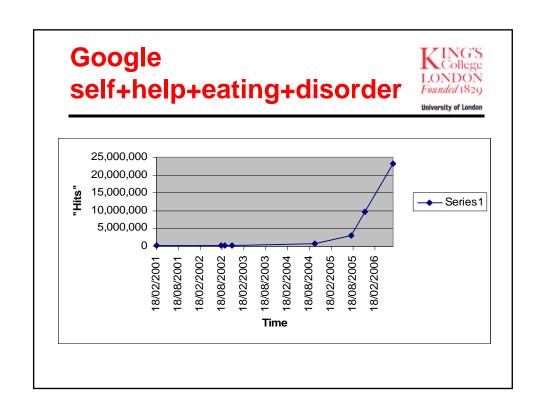
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# An RCT of a internet-based CBT Skills Package for Carers of People with Anorexia Nervosa



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### **Web-based Information on EDs**



- 15 commonly accessed ED websites
- Two reviewers evaluated the characteristics, quality of content, & accountability of the sites
- The overall quality of the sites was poor.
- All 'quality of content' measures correlated with a measure of accountability (Silberg et al., 1993)

Murphy et al., (2004) Int J Eat Disord 35: 145-154.



BJPsych The British xxurnal of Psychiatry (2008) 193, 493–500. doi: 10.1192/bjp.bp.107.046607

### Randomised controlled trial of CD-ROM-based cognitive-behavioural self-care for bulimia nervosa

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Psychological Medicine, Page 1 of 11. © Cambridge University Press 2010 doi:10.1017/S0033291710000711

ORIGINAL ARTICLE

### A randomized controlled trial of internet-based cognitive-behavioural therapy for bulimia nervosa or related disorders in a student population

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Background. Bulimic eating disorders are common among female students, yet the majority do not access effective treatment. Internet-based cognitive-behavioural therapy (iCBT) may be able to bridge this gap.

Method. Seventy-six students with bulimia nervosa (BN) or eating disorder not otherwise specified (EDNOS) were randomly assigned to immediate iCBT with e-mail support over 3 months or to a 3-month waiting list followed by iCBT [waiting list/delayed treatment control (WL/DTG)]. Bu outcomes were assessed with the Eating Disorder Examination (EDE) at baseline, 3 months and 6 months. Other outcomes included depression, anxiety and quality of

Results. Students who had immediate iCBT showed significantly greater improvements at 3 and 6 months than those receiving WL/DTC in ED and other symptoms.

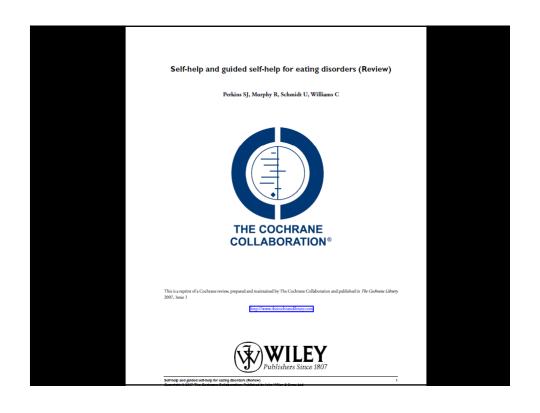
 $\textbf{Conclusions.} \ i CBT \ with \ e\text{-mail support is efficacious in students with bulimic disorders and has lasting effects.}$ Received 29 September 2009; Revised 19 February 2010; Accepted 9 March 2010

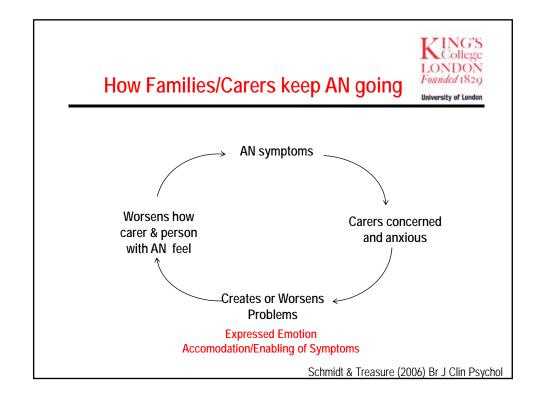
Key words: Bulimia nervosa, CBT, eating disorder, internet, self-help treatment.

### Introduction

The transition from school to higher education is associated with a steep rise in the incidence of mental health problems, and these are seriously disruptive to students' education and emotional development (The Royal College of Psychiatrists, 2003). Female

2005). In BN, shame commonly acts as a barrier to help-seeking. Moreover, student mobility between term-time and holiday addresses disrupts treatment (Treasure et al. 2005). To overcome these barriers and engage young people with BN in effective treatment without delay or disruption, new ways of service delivery need to be identified. Computerized CBT

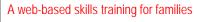




## Overcoming Anorexia Nervosa Online (OAO)

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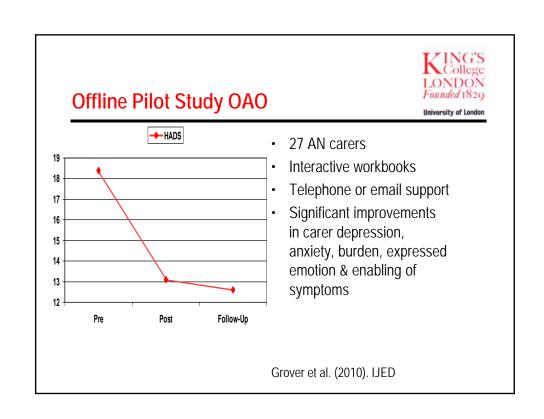




### Follows a systemic CBT model

- 8 interactive online modules, e.g.:
  - Communication about AN
  - Giving meal support
  - Assessing/managing risk
  - · Carers' own needs
- Accompanying Workbooks
- www.overcominganorexiaonline.com

Schmidt et al., 2007; Grover et al., 2010; Grover et al., 2011



### REGULAR ARTICLE

### An Off-Line Pilot Evaluation of a Web-Based Systemic **Cognitive-Behavioral Intervention for Carers of People** with Anorexia Nervosa

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Janet Treasure, MD, PhD, FRCP, FRCPsych<sup>7</sup>
Ulrike Schmidt, MD, PhD, FRCPsych<sup>1,2</sup>\*

ABSTRACT
Objective: To evaluate the feasibility
and acceptability of a novel systemic cog-nitive behavior therapy-based interven-tion for carers of people with annexia nervosa (AN). The intervention provides information and promotes skills develop-

information and promotes skills development in managing the illness. Cares were also offered professional support.

Method: Twenty-seven carers were recruited. Outcomes measuring carer discussions; level of expressed emotion and problem solving were measured pre- and post-intervention and at follow-up. Carers also gave feedback. feedback.

Results: There was a significant reduc-tion in carers' anxiety and depression, negative experiences of caregiving and

expressed emotion and a significant increase in positive experiences in caregiving after the intervention. Most improvements were maintained at follow-up. The intervention was well received.

oeducation; cognitive behaviour therapy; systemic therapy; carer

(Int | Eat Disord 2010; 00:000-000)

### Introduction

Carers (e.g. friends, relatives, or partners) of people Carers (e.g. triends, relatives, or partners) of people with ED are usually highly motivated to contribute to their loved one's treatment but feel ill-equipped to do so.¹ Carers often have unmet needs and difficulties² and high levels of distress.³ This may unwittingly manifest in unhelpful responses which maintain their loved one's illness. These responses include high levels of expressed emotion (EE), 4 a blurring of relationship boundaries and roles, 5 agein appropriate levels of care,  $^{\rm 4}$  and the deferral of carers' own needs.  $^{\rm 6}$ 

Our group has developed a model of carer distress in  ${\rm ED}^{4,7,8}$  and based on this, a skills training workshop intervention.  $^1$  However, this is not suited to all carers, given time and other constraints. In recognition of this, "distance learning" models of skills training for carers have begun to emerge. One such package involves DVDs developed from the above workshop materials, in conjunction with a

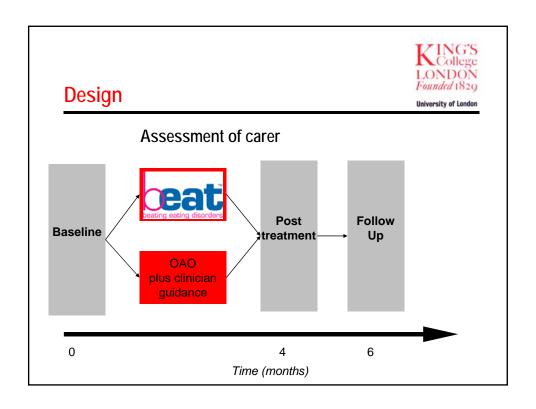
### **Randomised Controlled Trial of OAO**



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- · OAO plus guidance by a clinician through email or phone (approx 20 mins per week)
- · Ad-hoc support from the patient & carer organisation Beat: e.g. via telephone helpline, email support, or support groups





## **Carer Outcomes**

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Assessed at baseline, 4 months and 6 months:

- Depression and anxiety
- · Care giver burden:
  - Experience of Care Giving
  - Impact of ED symptoms on the carer
- · Level of Expressed Emotion (criticism, overinvolvement)
- · Accomodation to & Enabling of Symptoms
- · Feedback on Intervention



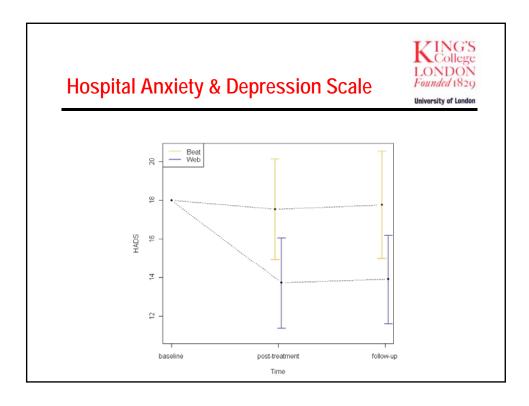
## **Characteristics of Carers**

	OAO (n=34)	Beat (n=30)
Mean Age (Years)	47.3 (8.7)	49.1 (6.2)
Living with Patient	78.8%	76.7%
Relationship to Patient		
•Mother	69.7%	90%
•Other	30.3%	10%

## **Characteristics of Person with AN**



	OAO	Beat
Mean age (years)	21.1 (7.0)	19.7 (5.2)
Diagnosis:		
• AN	78.7%	76.7%
• EDNOS	21.2%	23.3%
Duration of illness	4.7 (4.9)	3.8 (4.)
Previous In-Patient Treatment	69.7%	43.2%
Current Treatment:		
<ul> <li>Inpatient/day-care</li> </ul>	21.2%	20%
<ul> <li>Out-patient</li> </ul>	72.7%	70%
• None	6.1%	10%



## **Other Outcome Measures**



- Greater reductions of carer symptoms in the OAO group than *Beat*, but none of these reached significance
  - Expressed Emotion: p = 0.076



## Type & Amount of Therapist Guidance

- 79% of carers wanted email support
- 21% wanted phone support
- Mean amount of guidance: 93 minutes (range 36 to 253)

## **Acceptability of OAO**



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- 90% of participants completed all the modules
  - Most rated the intervention as highly interesting and useful
  - Most useful module: effective communication



### Carers' Comments

- "...it broadened my knowledge of eating disorders."
- "... the best thing in it for me was ... giving me training in communications, which I found excellent ..."
- "... the workbooks were really comprehensive ..."
- $\bullet$  "  $\dots$  if I've got something I think needs dealing with, I will think about it first, so that I'm well prepared before I talk to her  $\dots$  "
- "I think actually she feels better supported ...I think I'm much more clear on what I'm doing because I feel a bit more confident."
- "... I'm really glad that I've done it ..."



### **Summary**

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- Trial provides preliminary evidence that giving carers' skills to support the person with AN reduces carer distress and expressed emotion
- Future studies should
  - assess OAO with or without out guidance
  - · Assess impact of the intervention on patients

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## Acknowledgements

Supported by the Psychiatry Research Trust and a Programme Grant for Applied Research (Reference number RP-PG-0606-1043). The views expressed here are those of the authors and not necessarily those of the NHS, the NIHR or the Department of Health.