

THE LANCET Psychiatry

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Killaspy H, Marston L, Green N, et al. Clinical effectiveness of a staff training intervention in mental health inpatient rehabilitation units designed to increase patients' engagement in activities (the Rehabilitation Effectiveness for Activities for Life [REAL] study): single-blind, cluster-randomised controlled trial. *Lancet Psychiatry* 2014; published online Dec 16. [http://dx.doi.org/10.1016/S2215-0366\(14\)00050-9](http://dx.doi.org/10.1016/S2215-0366(14)00050-9).

Travel and accommodation cost	Days spent at each unit	Reimbursement per day (£)	Product
Occupational Therapist	25	100	2500
Activity Worker	25	100	2500
Patient Expert	3	100	300
Salary cost	Days spent at each unit	Cost per working day in £*	Product
Occupational Therapist	25	188	4689
Activity Worker	25	111	2766
Patient Expert	3	111	332
Opportunity cost of staff attending training sessions	Number of staff-hours trained	(Weighted) cost per hour (£)	Product
Nurses	48	39	1871
Support Workers	57	21	1189
Occupational Therapist	8	36	278
Other	9	85	875
	Total (£)		17300
	Average no of occupied beds		14.2
	Assumed longevity of treatment in months		12
	Average cost per patient per month (£)		102

* Excludes non-staff cost and capital overheads as these are thought to be negligible during the intervention.

Webtable 1: Cost of the intervention

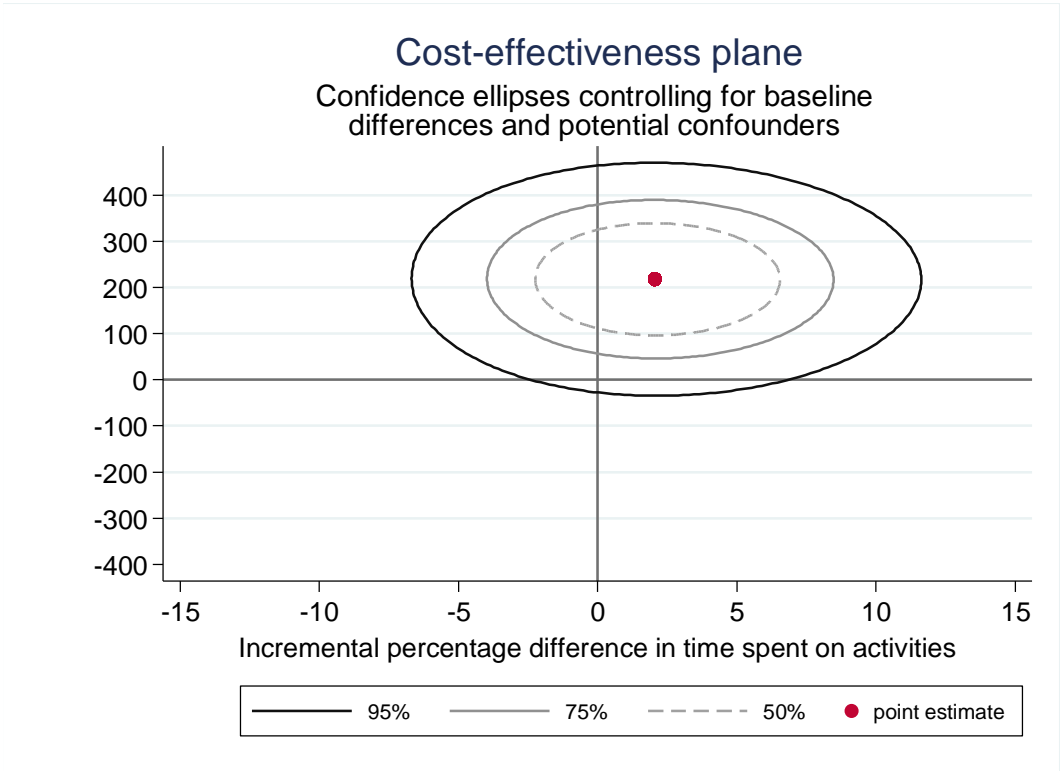
Staff type	Standard care units			GetREAL units		
	% using service	Mean (SE) contacts [†]	Mean (SE) costs in £ [‡]	% using service	Mean (SE) contacts [†]	Mean (SE) costs in £ [‡]
Psychiatrist	48	1.9 (0.1)	107 (9)	47	2 (0.1)	105 (9)
Other medical specialist	21	2 (0.2)	44 (6)	25	2 (0.1)	50 (6)
Clinical Psychologist	12	2.9 (0.3)	22 (4)	12	3 (0.2)	18 (3)
Occupational Therapist	25	6.9 (0.6)	9 (1)	32	8 (0.6)	14 (2)
Social Worker	8	1.7 (0.2)	16 (4)	11	2 (0.2)	21 (4)
Counsellor/psychotherapist	1	2.7 (0.7)	1 (1)	1	3 (0.4)	2 (1)
Volunteer	4	2.7 (0.6)	1 (0)	4	4 (0.4)	1 (0)
Art/music/dance therapist	1	3.3 (0.8)	1 (0)	2	4 (1.1)	1 (0)
Care coordinator	11	1.9 (0.2)	6 (1)	14	2 (0.2)	8 (1)
Other	4	2.6 (0.5)	6 (2)	5	2 (0.4)	5 (2)
Nurse*	99	8.3 (0.3)	614 (24)	100	9 (0.4)	690 (30)
Support worker*	81	7 (0.8)	147 (16)	85	7 (0.7)	145 (14)
Total			973 (35)			1059 (39)

[†] Among those using the service

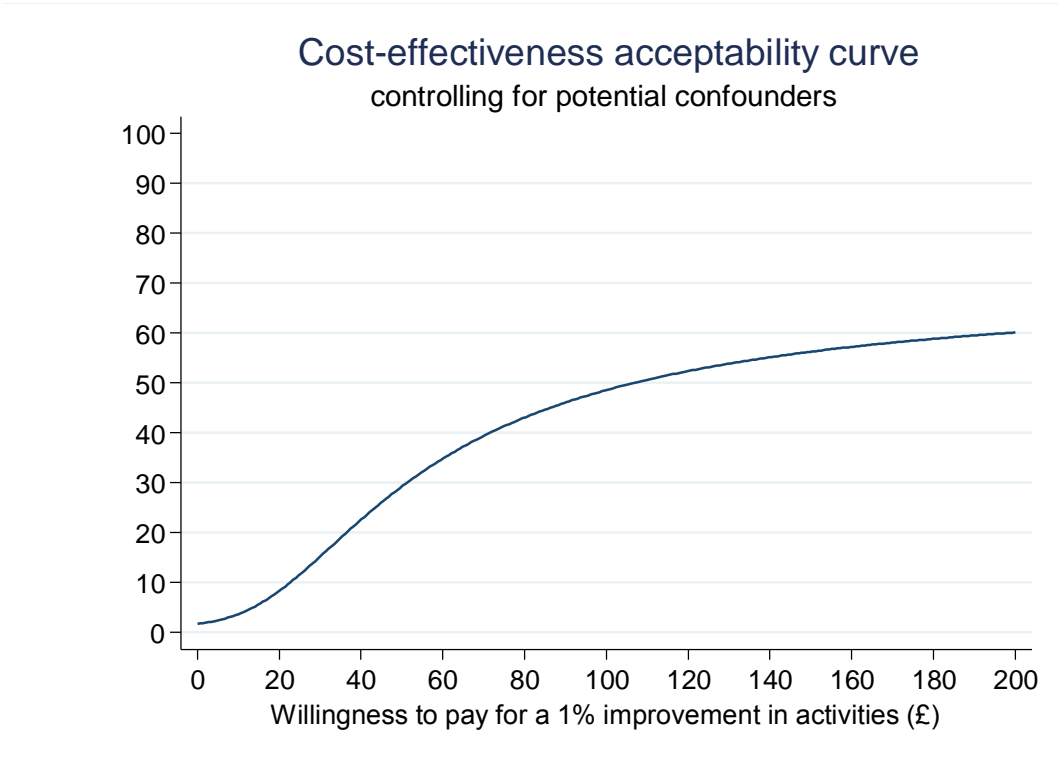
[‡] Among the whole sample

*Hours of contact

Webtable 2: Service use and cost in standard care and intervention units over 1 month



Webfigure 1: Cost-effectiveness plane



Webfigure 2: Cost-effectiveness acceptability curve

Site	Local Principal Investigator	GetREAL Intervention or Standard Care	Participant recruitment at baseline	Participant recruitment at 12 months	Total participant recruitment
Leicestershire Partnership NHS Trust	Harry Andrews	Standard care	26	15	41
West London Mental Health Trust	Nicholas Broughton	GetREAL	22	18	40
South West Yorkshire Mental Health NHS Trust	Sara Davies	GetREAL	25	12	37
Mersey Care NHS Trust	Clare Brabbins	Standard care	14	18	32
Nottinghamshire Healthcare NHS Trust # 1	Beverly Johnson	Standard care	16	11	27
Oxleas NHS Trust	Melanie Bunyan	Standard care	14	13	27
Oxfordshire and Buckinghamshire Mental Health Partnership NHS Trust	Janet Patterson	Standard care	19	7	26
Leeds Partnership NHS Foundation Trust	Robin Balmer	Standard care	13	13	26
Penine Care NHS Foundation Trust #1	George Edgley	GetREAL	11	14	25
Central And North West London Mental Health NHS Trust	Michael Crawford	Standard care	11	12	23
South London and Maudsley NHS Foundation Trust # 1	Thomas Craig	GetREAL	13	10	23
South London And Maudsley NHS Foundation Trust # 2	Thomas Craig	Standard care	11	10	21
Penine Care NHS Trust #2	George Edgley	GetREAL	10	11	21
Camden And Islington Mental Health And Social Care Trust	David Osborn	GetREAL	14	5	19
Manchester Mental Health And Social Care Trust	Richard Drake	GetREAL	8	11	19
Coventry & Warwickshire Mental Health Partnership Trust # 1	Scott Weich	Standard care	8	11	19
Lincolnshire Partnership NHS Trust	Ann Dodd	Standard care	12	6	18

# 1					
Somerset Partnership NHS And Social Care Trust	John Barnes	GetREAL	9	9	18
Sheffield Health & Social Care NHS Foundation Trust # 1	Adrian Carr	Standard care	8	10	18
Surrey and Borders Partnership NHS Trust	Deborah Noakes	GetREAL	8	9	17
Dorset Health Care NHS Trust	Leyland Shepherd	GetREAL	10	7	17
Northumberland, Tyne and Wear NHS Trust # 1	Josie Quinn	GetREAL	10	6	16
Bradford District Care Trust	Jane Clarke	Standard care	6	10	16
Nottinghamshire Healthcare NHS Trust # 2	Beverley Johnson	GetREAL	9	7	16
Lincolnshire Partnership NHS Trust # 2	Ann Dodd	Standard care	11	5	16
South West London And St George's Mental Health NHS Trust	Charlotte Harrison	Standard care	9	6	15
Plymouth NHS Trust	Elizabeth Adams	Standard care	8	7	15
Cornwall Partnership NHS Trust	Richard Laugharne	GetREAL	8	7	15
Worcestershire Mental Health Partnership NHS Trust	Debbie Bradley	Standard care	7	8	15
Sheffield Health & Social Care NHS Foundation Trust # 2	Adrian Carr	Standard care	7	6	13
Avon And Wiltshire Mental Health Partnership NHS Trust	Eileen O'Sullivan	GetREAL	7	6	13
Kent and Medway NHS and Social Care Partnership Trust	Niki Loft	GetREAL	5	7	12
Coventry & Warwickshire Mental Health Partnership Trust # 2	Scott Weich	Standard care	7	5	12
Northamptonshire Healthcare NHS Trust	Steffan Davies	GetREAL	6	6	12

Berkshire Healthcare NHS Foundation Trust	Julia Nehring	Standard care	7	5	12
Northumberland Tyne & Wear NHS Foundation Trust # 2	Josie Quinn	GetREAL	5	7	12
Greater Manchester West Mental Health NHS Foundation Trust	Thomas Haslam	Standard care	5	6	11
Penine Care NHS Foundation Trust	George Edgley	Standard care	6	4	10
Rotherham Doncaster and South Humber Mental Health NHS Foundation Trust	Deborah Wildgoose	GetREAL	9	0*	9
Northumberland Tyne & Wear NHS Foundation Trust # 3	Josie Quinn	GetREAL	3	4	7

Trusts where more than one unit was recruited

*Unit closed during the study hence no participants recruited at 12 months

Webtable 3: Principal investigators and recruitment at every site