

# Best Evidence Summaries of Topics in Mental Healthcare

## **BEST** *in* **MH** *clinical question-answering service*

### **Question**

In service users with challenging behaviour in an inpatient forensic setting, how effective is the RAID (Reinforce, Appropriate, Implode Disruptive) approach developed by APT (Association of Psychological Therapies) when compared to any other behavioural intervention in reducing levels of challenging behaviour, and any related outcomes (e.g. less impact upon staff)

### **Clarification of question using PICO structure**

*Patients:* In service users with challenging behaviour in an inpatient forensic setting

*Intervention:* RAID approach

*Comparator:* Any other behavioural intervention

*Outcome:* Reducing levels of challenging behaviour, and other any related outcomes (e.g. less impact upon staff)

### **Clinical and research implications**

No high quality research evidence was found that directly addresses this question, and therefore no definite clinical implications can be made. Research is needed that aims to assess the efficacy of the intervention, directly comparing to other treatment/training options.

### **What does the evidence say?**

*Number of included studies/reviews (number of participants) n/a*

*Main Findings n/a*

*Authors Conclusions n/a*

*Reliability of conclusions/Strength of evidence n/a*

### **What do guidelines say?**

No relevant clinical guidelines were identified.

## **Additional Information**

5 articles were found through a grey literature search that cite the RAID approach (1-5). These studies discussed the use of the RAID approach as a method to underpin a manualised psychosocial treatment programme, in a women's medium secure setting. All 5 articles relate to services in St Andrew's hospital in Northampton, UK.

1 of these 5 studies, an evaluation, was considered relevant to this question (1). However, it did not meet the inclusion criteria of the summary. This evaluation examined staff stress and challenging behaviour on a medium secure development disabilities ward for women, pre and post implementation of a series of working environment changes. These changes included staff training with the RAID approach. Staff Perception of the work environment (Work Environment Scale, (WES; Moos, 1986)), job satisfaction (Job Description Index (JDI; Smith *et al* 1969)) and burn-out (Maslach Burnout Inventory (MBI; Maslach *et al*, 1982)) were measures prior to, and 6 months after change. Levels of disturbed behaviour were also measured 3 months prior to change, and for the same period after (Disturbed Behaviour List (DBL; Trauer, 1983). This evaluation found significant increase in perceived levels of involvement, co-worker cohesion, task orientation and clarity amongst staff, on the WES. Further to this, pre and post change measures saw significantly improved self rated measures of staff emotional exhaustion, depersonalisation and personal accomplishment with the MBI. Overall Job satisfaction increased significantly according to the JDI. Measurements from the DBL saw a significant difference in pre-change and post-change in the total Behavioural Disturbance score, self injury, damaging property, provocative or instigating behaviour, and for 'weight 3' disturbed behaviours (reflected in lower levels of disturbed behaviours). This type of study is inherently prone to bias, and has limitations in the context of this question. As the evaluation does not study the impact of the RAID training in isolation, or with a control group, it is unclear the extent that any significant change can be attributed to this intervention. The results of this evaluation should be interpreted with caution.

The remaining 4 articles do not address the question addressed by this summary but rather; (1) aim to compare the differences in women admitted to a medium secure psychiatric facility from either prison or mental health services. The comparison was in terms of the participants, behaviour, engagement with services, and needs. (2) To assess the differences between high and low treatment attendees in a women's secure unit, in terms of length of stay, behaviour, and symptoms. (3) To examine the relationship between risk behaviours and treatment engagement. (4) To describe the development of a best practice psychological treatment programme for women with a dual diagnosis, in a medium secure psychiatric setting. These studies are referenced for information purposes.

**Date question received: 03/10/2012**

**Date searches conducted: 10/10/2012**

**Date answer completed: 11/10/2012**

## References

1. Long C, Collins L, MacDonald C, Johnston D, Hardy S. Staff stress and challenging behaviour on a medium secure development disabilities ward for women: the outcomes of organisational change and clinical interventions. *The British Journal of Forensic Practice*, 2008, Vol 10, Issue 3.
2. Long C, Dolley O, Barron R, Hollin C. Women transferred from prison to medium-secure psychiatric care: the therapeutic challenge. *The Journal of Forensic Psychiatry and Psychology*, 2012, Vol 23, Issue 2, pp 261-273.
3. Long C, Dolley O, Hollin C. Engagement in psychosocial treatment: Its relationship to outcome and care pathway progress for women in medium-secure settings. *Criminal Behaviour and Mental Health*, 2012, DOI: 10.1002/cbm.1824
4. Long C, Dollet O, Hollin C. Women in medium secure care: tracking treatment progree for changes in risk profiles and treatment engagement. *Journal of Psychiatric and Mental Health Nursing*, 2011, 18, 425-431.
5. Long C, Fulton B, Hollin C. The development of a 'Best Practice' Service for Women in a Medium-Secure Psychiatric Setting: Treatment Components and Evaluation. *Clinical Psychology and Psychotherapy*, 2008, 15, pp. 304-319

## Search Details

Source	Search Strategy	Number of hits	Relevant evidence identified
NHS Evidence	RAID OR "reinforce appropriate implode disruptive"	22	0
CENTRAL	RAID Reinforce, Appropriate, Implode Disruptive RAID and "challenging behaviour"	0	
PsycINFO	<p>1. PsycINFO; RAID.ti,ab; 146 results.</p> <p>2. PsycINFO; "reinforce appropriate implode disruptive".ti,ab; 0 results.</p> <p>8. PsycINFO; "high secure".ti,ab; 113 results.</p> <p>9. PsycINFO; "low secure".ti,ab; 100 results.</p> <p>10. PsycINFO; "mentally ill offender*".ti,ab; 326 results.</p> <p>7. PsycINFO; *FORENSIC PSYCHIATRY/; 2639 results.</p> <p>12. PsycINFO; 4 AND 11; 19 results.</p> <p>13. PsycINFO; 1 AND 4; 0 results.</p> <p>14. PsycINFO; "RAID approach".ti,ab; 0 results.</p> <p>6. PsycINFO; "medium secure".ti,ab; 285 results.</p> <p>16. CINAHL; "reinforce appropriate implode</p>	0	

	<p>disruptive".ti,ab; 0 results.</p> <p>3. PsycINFO; (RAID AND (Reinforce, Appropriate, Implode Disruptive)).af; 0 results.</p>		
MEDLINE	<p>29. MEDLINE; RAID.ti,ab; 246 results.</p> <p>31. MEDLINE; (RAID AND (Reinforce, Appropriate, Implode Disruptive)).af; 0 results.</p> <p>32. MEDLINE; ("challenging behaviour" OR "Challenging behavior").ti,ab; 458 results.</p> <p>34. MEDLINE; "medium secure".ti,ab; 129 results.</p> <p>35. MEDLINE; *FORENSIC PSYCHIATRY/; 5352 results.</p> <p>33. MEDLINE; "secure services".ti,ab; 23 results.</p> <p>37. MEDLINE; "low secure".ti,ab; 25 results.</p> <p>30. MEDLINE; "reinforce appropriate implode disruptive".ti,ab; 0 results.</p> <p>39. MEDLINE; 33 OR 34 OR 35 OR 36 OR 37 OR 38; 5632 results.</p> <p>40. MEDLINE; 32 AND 39; 4 results.</p> <p>41. MEDLINE; 29 AND 32; 0 results.</p> <p>42. MEDLINE; "RAID approach".ti,ab; 0 results.</p> <p>38. MEDLINE; "mentally ill offender*".ti,ab; 158 results.</p>	0	

	<p>44. MEDLINE; "reinforce appropriate implode disruptive".ti,ab; 0 results.</p> <p>45. MEDLINE; (RAID AND (Reinforce, Appropriate, Implode Disruptive)).af; 0 results.</p> <p>46. MEDLINE; ("challenging behaviour" OR "Challenging behavior").ti,ab; 458 results.</p> <p>47. MEDLINE; "secure services".ti,ab; 23 results.</p> <p>48. MEDLINE; "medium secure".ti,ab; 129 results.</p> <p>49. MEDLINE; *FORENSIC PSYCHIATRY/; 5352 results.</p> <p>50. MEDLINE; "high secure".ti,ab; 45 results.</p> <p>51. MEDLINE; "low secure".ti,ab; 25 results.</p> <p>52. MEDLINE; "mentally ill offender*".ti,ab; 158 results.</p> <p>43. MEDLINE; RAID.ti,ab; 246 results.</p> <p>54. MEDLINE; 46 AND 53; 4 results.</p> <p>55. MEDLINE; 43 AND 46; 0 results.</p> <p>56. MEDLINE; "RAID approach".ti,ab; 0 results.</p> <p>36. MEDLINE; "high secure".ti,ab; 45 results.</p> <p>53. MEDLINE; 47 OR 48 OR 49 OR 50 OR 51 OR 52; 5632 results.</p>		
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	57. MEDLINE; 29 AND 32 AND 39; 0 results.		
CINAHL	<p>18. CINAHL; ("challenging behaviour" OR "Challenging behavior").ti,ab; 524 results.</p> <p>15. CINAHL; RAID.ti,ab; 62 results.</p> <p>20. CINAHL; "medium secure".ti,ab; 123 results.</p> <p>21. CINAHL; *FORENSIC PSYCHIATRY/; 239 results.</p> <p>22. CINAHL; "high secure".ti,ab; 43 results.</p> <p>19. CINAHL; "secure services".ti,ab; 26 results.</p> <p>25. CINAHL; 19 OR 20 OR 21 OR 22 OR 23 OR 24; 438 results.</p> <p>26. CINAHL; 18 AND 25; 10 results.</p> <p>27. CINAHL; 15 AND 18; 0 results.</p> <p>28. CINAHL; "RAID approach".ti,ab; 0 results.</p> <p>23. CINAHL; "low secure".ti,ab; 33 results.</p> <p>17. CINAHL; (RAID AND (Reinforce, Appropriate, Implode Disruptive)).af; 1 results.</p> <p>24. CINAHL; "mentally ill offender*".ti,ab; 36 results.</p>	0	
Google scholar	RAID (Reinforce, Appropriate, Implode Disruptive)	6	0
<b>Summary</b>	<b>NA</b>	<b>NA</b>	

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