

PSYCHOLOGY & NEUROSCIENCE

Module:

Psychological Foundations of Mental Health

Week 5:

Professor Richard Brown

Topic 1

The First Wave -**Behavioural Psychotherapy**

Part 1 of 3

Topic list



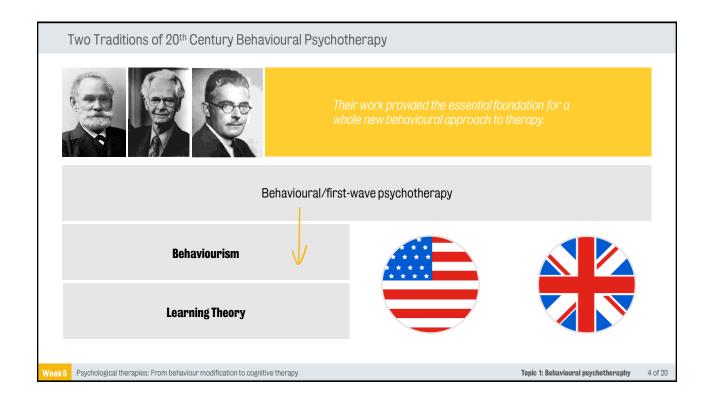
- Topic 1: The First Wave Behavioural Psychotherapy

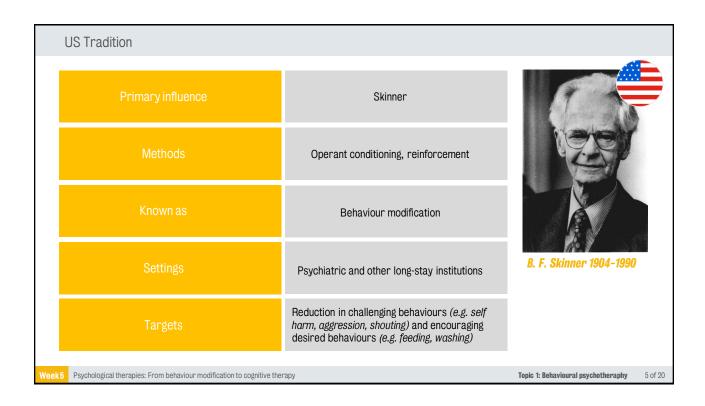
Week 5 Psychological therapies: From behaviour modification to cognitive therapy

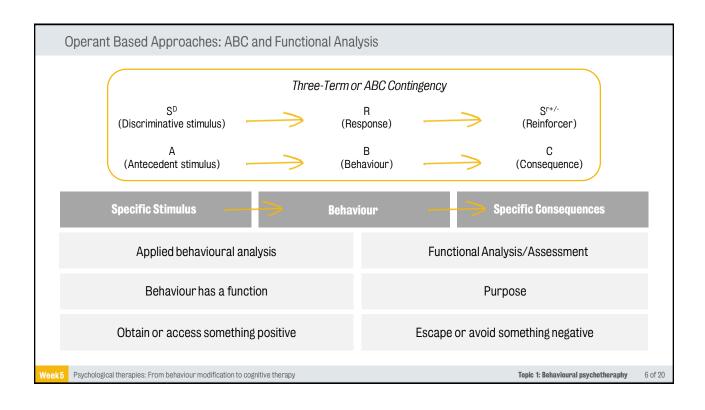
Topic 1: Behavioural psychotheraphy

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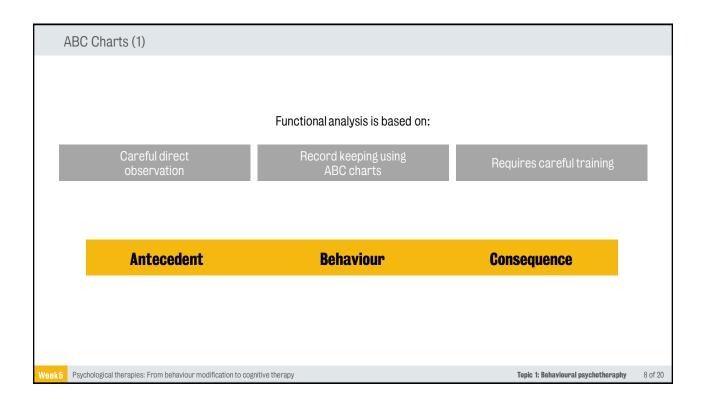
In this topic... - US tradition of behavioural psychotherapy - British tradition of behavioural psychotherapy - Application of psychotherapy approaches Week5 Psychological therapies: From behaviour modification to cognitive therapy 3 of 20







unci	tional Assessment Screening Tool (FAST)			
Par	t I. Social Influences on Behavior			
1.	The behavior usually occurs in your presence or in the presence of others	Yes	No	
2.	The behavior usually occurs soon after you or others interact with him/her in some way, such as delivering an instruction or reprimand, walking away from (gnoring) the him/her, taking away a "preferred" item, requiring him/her to change activities, talking to someone else in his/her presence, etc.	Yes	No	
3.	The behavior often is accompanied by other "emotional" responses, such as yelling or crying	Yes	No	
	Complete Part II if you answered "Yes" to item 1, 2, or 3. Skip Part II if you answered "No" to all three items	in Part	1.	
Pari	t II. Social Reinforcement			
4.	The behavior often occurs when he/she has not received much attention	Yes	No	
5.	When the behavior occurs, you or others usually respond by interacting with the him/her in some way (e.g., comforting statements, verbal correction or reprimand, response blocking, redirection)	Yes	No	
6.	(S)he often engages in other annoying behaviors that produce attention	Yes	No	
7.	(S)he frequently approaches you or others and/or initiates social interaction	Yes	No	
8.	The behavior rarely occurs when you give him/her lots of attention	Yes	No	
9.	The behavior often occurs when you take a particular item away from him/her or when you terminate a preferred leisure activity (If "Yes," identify:)	Yes	No	
10.	The behavior often occurs when you inform the person that (s)he cannot have a certain item or cannot engage in a particular activity. (If "Yes," identify:)	Yes	No	
11.	When the behavior occurs, you often respond by giving him/her a specific item, such as a favorite toy, food, or some other item. (if "Yes," identify:)	Yes	No	
12.	(S)he often engages in other annoying behaviors that produce access to preferred items or activities.	Yes	No	
13.	The behavior rarely occurs during training activities or when you place other types of demands on him/her. (If "Yes," identify the activities:self-careacademicworkother)	Yes	No	
				Selection of items from "FA
	Adapted from the Florida Center on Self-Injury			
				lwata, DeLeon & Roscoe (20
Dovoh	ological therapies: From behaviour modification to cognitive therapy			Topic 1; Behavioural psychotheraphy



ABC Charts (2)

Antecedent	Behaviour	Consequence		
Patients in groups at tables waiting for lunch to be served. X not served immediately.	X shouts continuously and attempts to lean across the table to the food.	Care assistant – quickly takes food from other patient and gives to X. X settles and starts to eat.		
Patients in group room watching TV. Therapist comes into room to get ready for group session. Turns off TV.	X starts self-harming, hitting head.	Therapist attempts to settle and calm X. Turn on TV. X settles, staff member leaves X to continue setting up.		

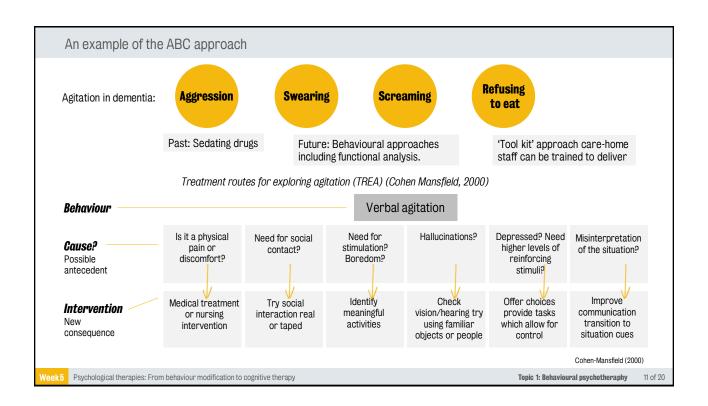
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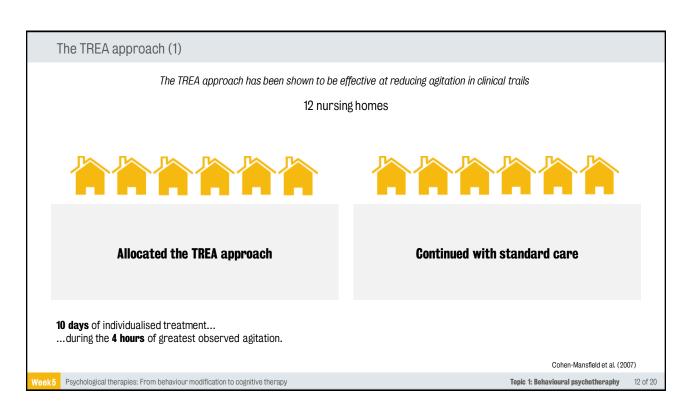
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Modifying Behaviour **Antecedents (stimulus) Behaviour** (skill) **Concequences (outcome)** based approaches based approaches based approaches C. Gaining C. Others B. Challenging B. Challenging A. Lack of A. High level attention making noise behaviour behaviour attention of noise asked to leave A. Lack effective C. Finds other B. Challenging C. Being verbal comm ways of behaviour removed from skills getting what situation they want Sitting Provide Decreases challenging quitely attention behaviour Reduce individual's exposure to noise. Provide new skills (new and more Behaviour will eventually stop if the Serve at quieter table/time. effective way of communicating. attention is no longer given. If a reduction in behaviour is You could provide tools to allow non-It is hard to apply and neglects the observed, the intervention = verbal communication. underling purpose of the behaviour. successful. Costly in time + effort to implement. Simpler and easier to implement. 10 of 20 Week 5 Psychological therapies: From behaviour modification to cognitive therapy Topic 1: Behavioural psychotheraphy





The TREA approach (2)

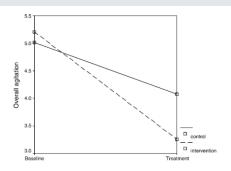


Table 3. Changes in Outcome Variables by Time and by Group: Results of Two-Way Repeated-Measures ANCOVAs

	Control Grou	Mean (SD)	Intervention Gr	up Mean (SD)	Interaction F Value
Dependent Variable	Baseline	Treatment	Baseline	Treatment	
Primary outcome—observed agitation					
Overall agitation (ABMI)	5.05 (3.36)	4.10 (3.47)	5.17 (3.75)	3.23 (3.16)	10.223*
Secondary outcome—affect					
Pleasure	1.20 (.24)	1.28 (.34)	1.30 (.30)	1.65 (.49)	24.216**
Interest	2.56 (.66)	2.41 (.75)	2.61 (.68)	2.89 (.70)	20.662**
Negative affect	1.12 (.16)	1.11 (.19)	1.12 (.17)	1.08 (.10)	2.173

Notes: $*p \le .01$; $**p \le .001$. $ANCOVA = analysis \ of \ covariance; \ ABMI = Agitation \ Behavior \ Mapping \ Instrument; \ SD = standard \ deviation.$

Cohen-Mansfield et al. (2007)

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Finding a reinforcer – using Premack's principle (1)

Operant approaches can struggle, if...

No effective reinforcer, the person may refuse a typical reinforcer, or it may not be valued.

Reinforcers can only be considered such if behaviour changes as a result of their pairing with a particular response.

Premack's Principle.

A behaviour, chosen frequently, is itself, reinforcing.

Frequently chosen behaviour can be used as a reinforcer to alter another behaviour.

The basic principle is widely used without us realising:

"You have to eat your cabbage before you can watch TV."

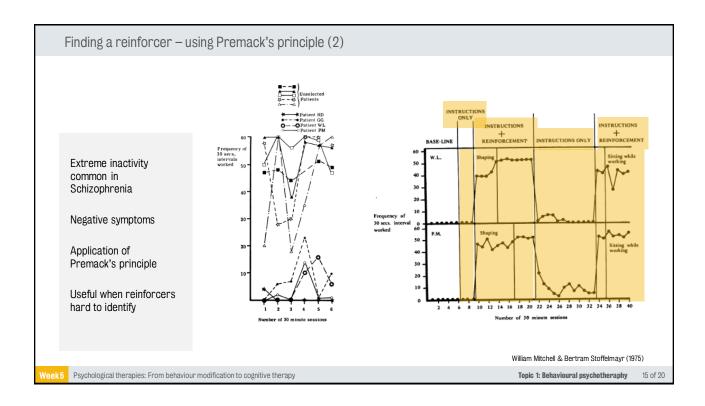


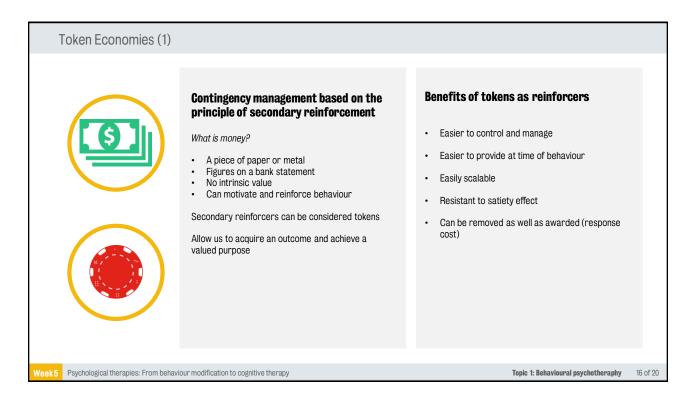


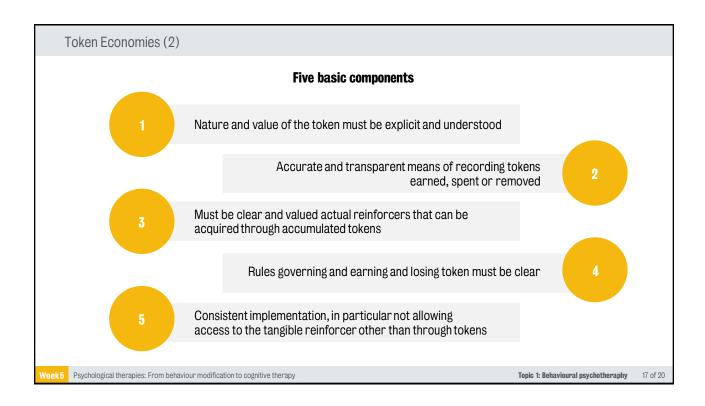
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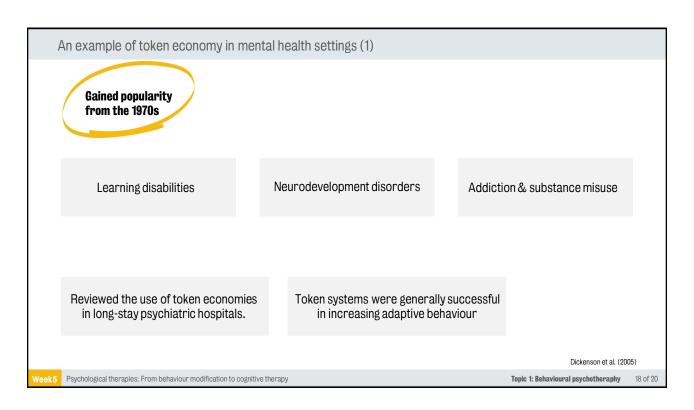
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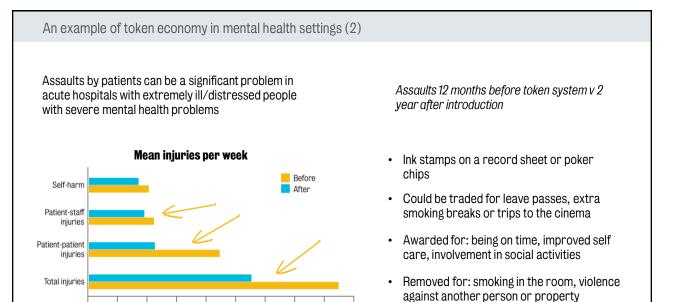
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LePage et al. (2003)

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2.5

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US operant tradition

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Over the decades their use has been confined to rather specific setting typically as part of a wider intervention strategy.

At the same time, controversial approaches such as aversion therapy - that used punishment to change behaviour - have effectively died out.

Person centred approach to care

The behaviour change being sought is something that is for the patient's own benefit:

- Improving the quality of their life.
- Reducing something that is causing them harm or potential harm.
- The focus is on the person, not the behaviour.

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