An update on recent research into cannabis

Dr James MacCabe

1

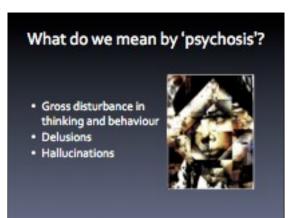


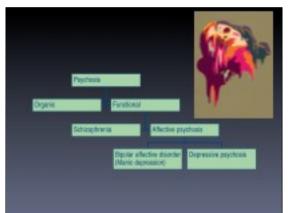
2

Overview

- · Psychosis/schizophrenia?
- . Drugs and psychosis
- Cannabis
- Cannabis and risk for psychosis
- . Cannabis and the brain

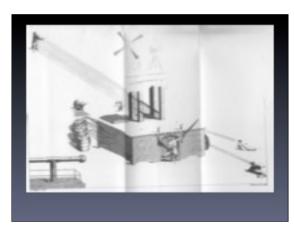












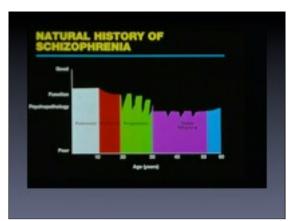
Negative Symptoms

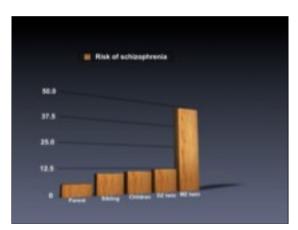
Apathy

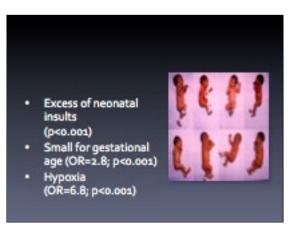
Social withdrawal

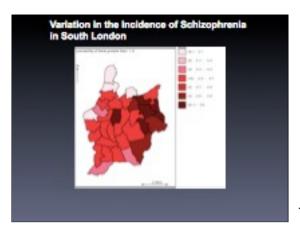
Blunted affect

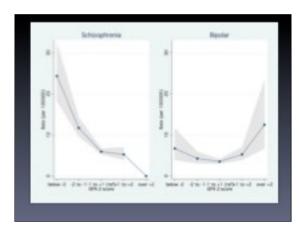
Functional











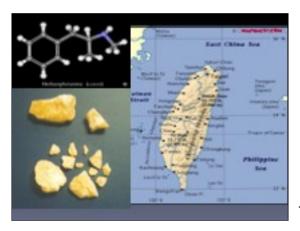
14

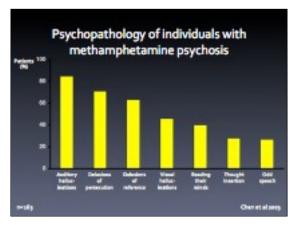
LSD

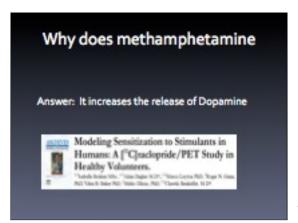


- Synthesised in 1938 by Swiss pharmacologist Albert Hoffman
- "fantastic pictures, extraordinary shapes with an intense kaleidoscopic play of colours"
- Body was possessed by a demon and neighbour was a witch. Later feelings of good fortune and gratitude.





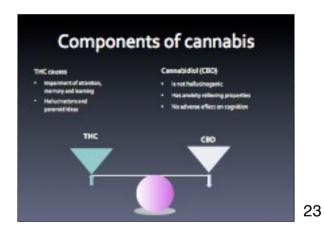


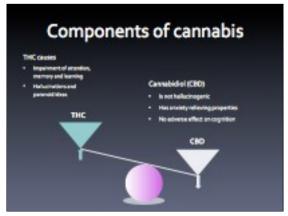


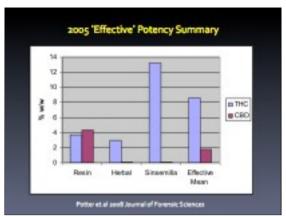


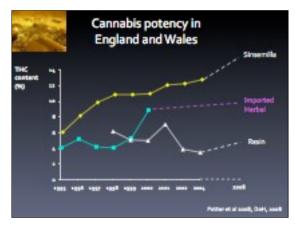


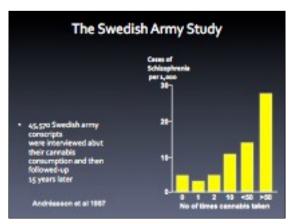


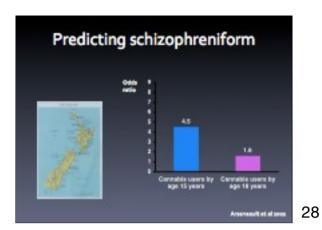






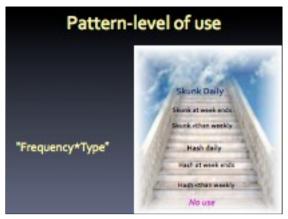


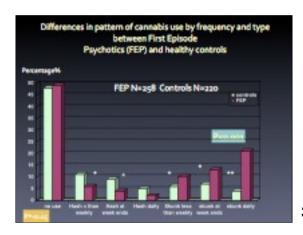


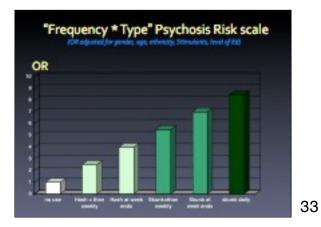


Congoing study of First splinode psychosis (GAP) Study

So far cannabis data analysed on 280 subjects in their 1st episode of psychosis. Diagnosis defined using the SCAN 170 matched healthy controls (screened for psychosis)

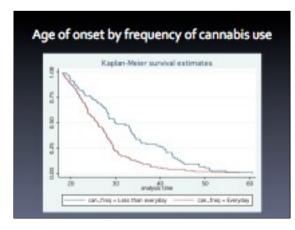


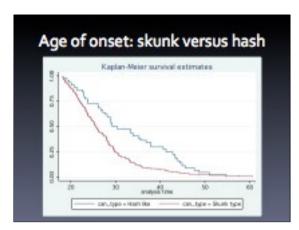


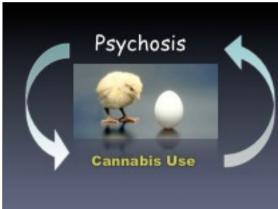




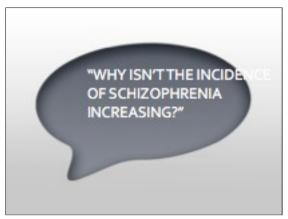
	Cases N=159	Contrels N=109	Unadjusted Odds Ratio	*Adjusted Odds Ratio
Duration of Connobis use.				
0-5 years	40.8%	62,5%	1	
6 years and above	59.2%	37.5%	2.4	1.8
Weekly frequency				
Only at week-end or a 3 days a week	23,1%	65.7%		
Eneryday	76.9%	33.3%	6.9	6.6
Type of corrects used				
Resin (Hash)- Imported Herbal	21.6%	62,6X	•	
Skark/Sinsepillo	78,4%	37,4%	8,1	6.1

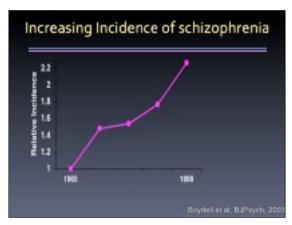


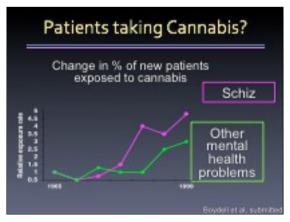


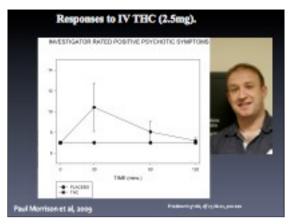


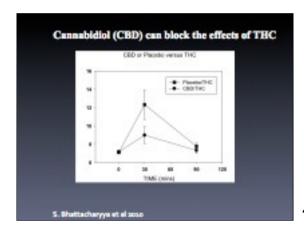


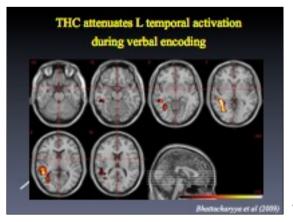


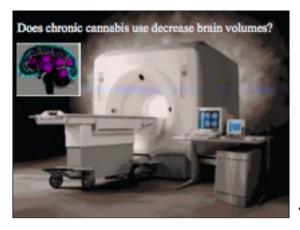


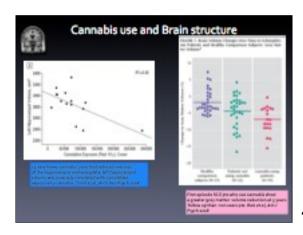








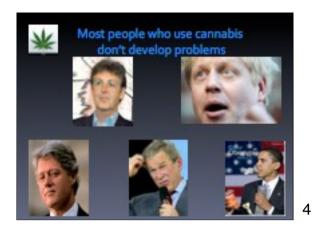




47

Bradford Hill Criteria

- Consistency of association
- Strength of association
- Temporal of sequence
- Dose-response
- Biological Plausibility



National Psychosis Unit

- National NHS Service
- Open to anyone in UK referral from psychiatrist or GP



Outpatient assessments

- · Second opinion on diagnosis
- · Review of treatment
- · Assessment for admission
- CBT/Family work
- 1-2 hour assessment
- · Review by expert panel



52

Who is our service for

- Unsure about diagnosis
- · In conflict with local team
- · Medication not helping or causing side effects
- Drug misuse
- "Revolving door"

53

How to contact us

- http://www.national.slam.nhs.uktservices/adult-services psychosis/
- james.maccabe@kd.ac.uk
- National Psychosis Service Bethlern Royal Hospital Monks Orchard Road Beckenham BR3 3BX
- Tet 020 3228 4322 (inpatients)
 Tet 020 3228 4428 (outpatients)