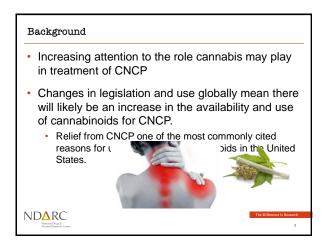


Conflicts of Interest
SN, MF, GC and LD have all been investigators on untied investigatordriven educational grants funded by Reckitt Benckiser. MF and LD have received an untied educational grant from Mundipharma for post-marketing surveillance studies of Reformulated OxyContin®. SN, MF and LD have been investigators on untied investigator-driven educational grants funded by Indivior. WH provided evidence to parliamentary committees on medical uses of cannabis in Australia and the United Kingdom. WH, MF, BM, GC, MW and LD have previously published manuscripts on the topic of therapeutic use of cannabis. Other authors declare no conflicts of interest. Conflict of interest statements will be available and updated on the project website at: https://ndarc.med.unsw.edu.au/our-projects

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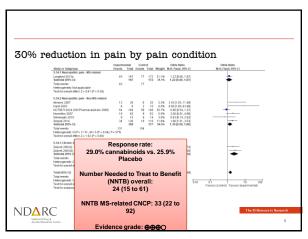
Pain

Emily Stockings
Gabrielle Campbell
Suzanne Nielsen
Wayne Hall
Louisa Degenhardt
Michael Farrell

NDARC
Marchine Mount
4

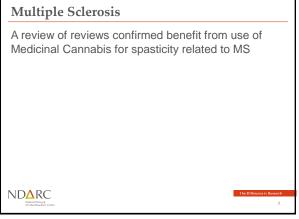
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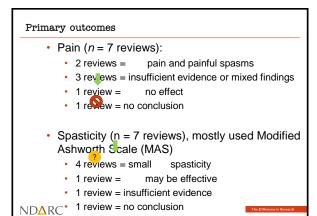
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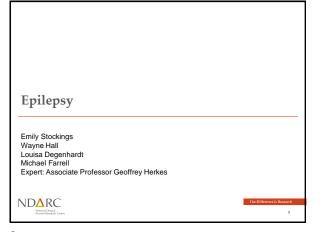
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Outcomes: Epilepsy Complete seizure freedom 50% or greater reduction in seizure frequency (responder rate) Quality of life outcomes Withdrawals – adverse events or any reason Adverse events Serious adverse events ND∆RC

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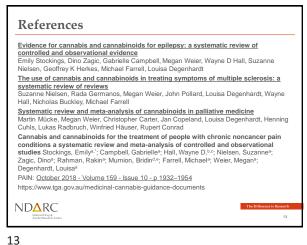
Meta-analysis results In 3 RCT studies, CBD was significantly better than placebo at: · Achieving complete seizure freedom Seizure reduction of 50% or more · Improved quality of life In comparison to placebo, patients were significantly more likely to: · Withdraw from the trial • Experience adverse events (especially SAEs)

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Conclusions: Epilepsy Limited RCTs indicate there may be therapeutic benefit of CBD in treating epilepsy and seizures – both seizure freedom and significant reduction in seizures CBD relatively well tolerated; evidence for THC and CBD:THC products are all observational Observational trials are positive, but many limited by lack of control and data on dosing Safety issues: dosing, product concentrations, interactions with other medications, non-medically supervised delivery NDARC

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Take a look at the broader picture

What is the question

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Research Evidence unlikely to resolve questions in immediate future

Global changes in Cannabis Legislation with legalisation in Uruguay, Canada, 10 States in US, Trial in Netherlands and Referendum in NZ

In Colorado now moving to eliminate distinction between medical and recreational cannabis supply Need for consumer protection of medicines supplied through commerical pharma industry, TGA key tool

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Need to ameliorate expectations and not oversell likely benefits to vulnerable population

Where possible need to ensure access to effective and palliative medication

Need to avoid the lure of master strokes

Need to maintain appropriate regulatory control.

Need further research in a reasoned and objective enviorment but the debate around cannabis often leaves reason at the door from both pro and anti camps with highly polarised positions.

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