

Rapid Review Programs to support Health Care and Policy Decision Making

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CADTH

Background

- Timeframe for informed decisions
- ‘Fit for purpose’
- Need to better understand methods



Objectives

- Describe rapid review programs
 - Processes and methods
- Highlight themes of characteristics



Methods

- Study sample
- Data collection
- Data analysis

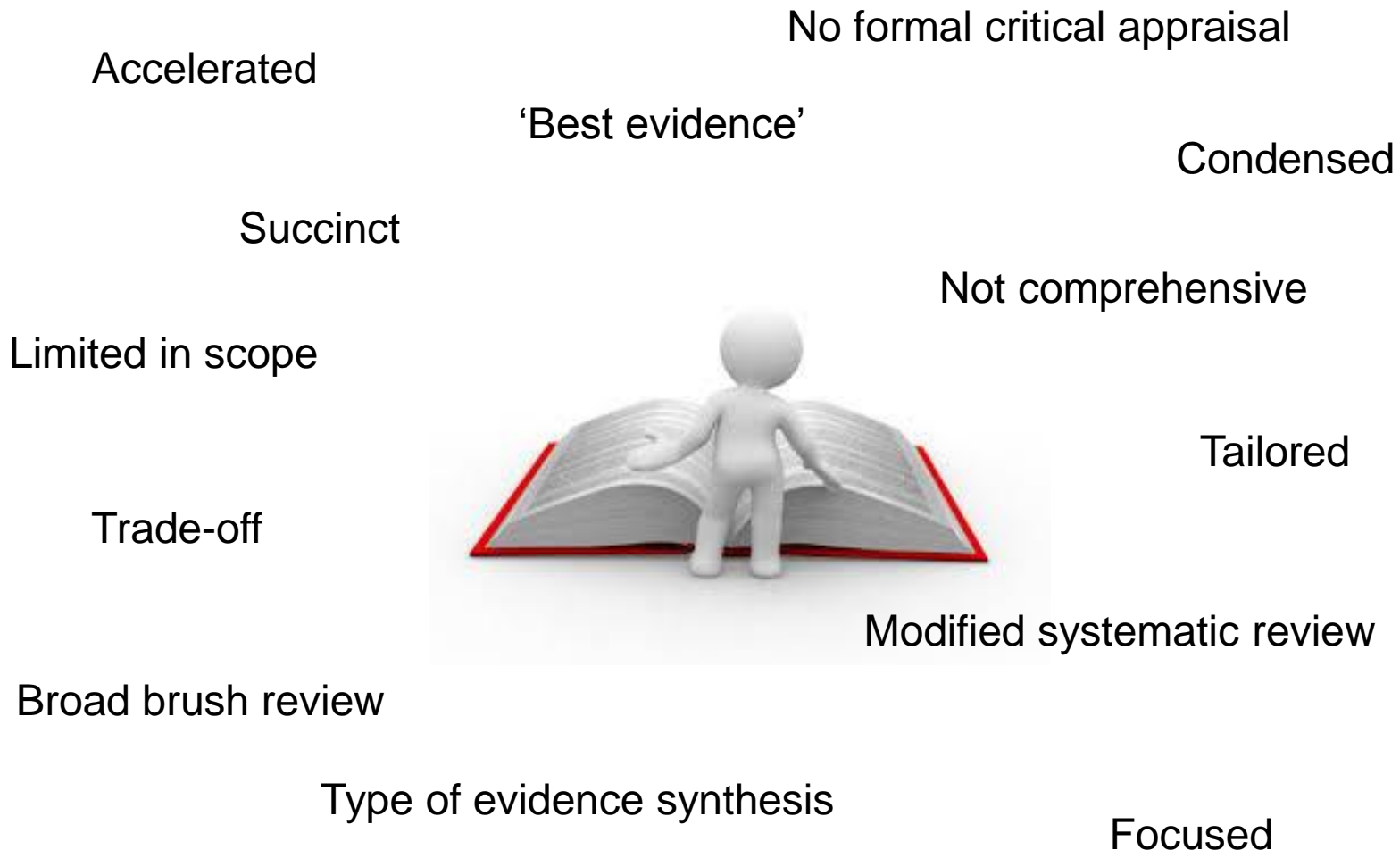


Results: Countries of Origin

- Canada (12)
- United States (5)
- Australia (3)
- United Kingdom (3)
- Germany (2)
- Finland (2)
- Italy (1)
- Taiwan (1)



Results: Definition of Rapid Reviews



Results: Purpose of Rapid Reviews

- Funding
- Clinical decisions
- Implementation
- Effectiveness and efficiency
- Complement discussions



Processes: Development of Protocol

- Population(s)
- Intervention(s)
- Comparator(s)
- Outcome(s)
- Study design(s)
- Research question(s)



Process: Review process of draft report

- Internal
- External



Processes: Report template

- Key recommendations
- Context and policy issues
- Methods used
- Strengths and limitations

Processes: Types of rapid reviews

- Reference lists
- Summaries of abstracts
- Reviews of reviews
- Rapid SRs
- SRs and Mas
- Single HTAs



Processes: Turnaround for Final Report

1 week _____ 3 months _____ 12 months



QUICK
TURNAROUND TIME

Processes: Rapid Review Dissemination



Methods: Types of Research Questions

- Clinical effectiveness
- Clinical efficacy
- Cost-effectiveness/savings
- Clinical practice guidelines
- Accuracy of diagnostic tests



Methods: Literature Search Strategy

- Data sources
- Grey literature
- Study designs
- Timeframe
- Language



Methods: Continued

- Study selection
- Data abstraction
- Evidence synthesis
- Critical appraisal



Interpretation

- Turnaround time
- Resources available
- Research topic
- Requestor
- 'One size fits all'



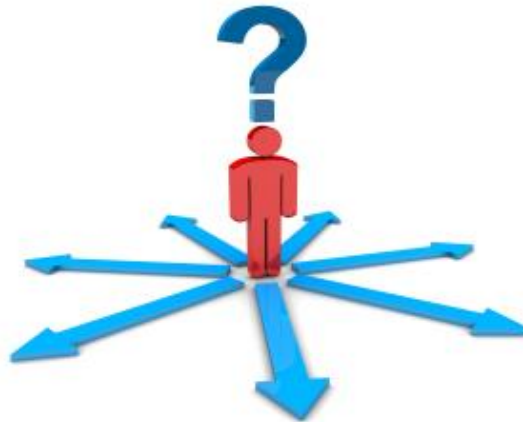
Limitations

- Demographics
- Data collected
- Analyses feasible



Directions for Future Research

- Methodological research
- Impact measurement
- Trends of rapid review programs
- Extension to PRISMA guidelines



Summary



Reference

Rapid Review Programs to support Health Care and Policy Decision Making: A Descriptive Analysis of Processes and Methods (Working Paper)

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