What do people know about addiction? A systematic review of nicotine measures

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Introduction

- Epidemiologically, one of the most common addictions is tobacco
- Most research focuses on quantifying addictive behavior and controls for perceptions of addiction using subjective single item questions
- Health behavior theories (e.g., Common Sense Model, Theory of Planned Behavior, Health Belief Model, etc.) posit that perceptions are critical in understanding health behaviors and outcomes
- Identification of addiction perceptions may be key in deterring initiation of health risk behaviors and promoting efforts of cessation

Aims

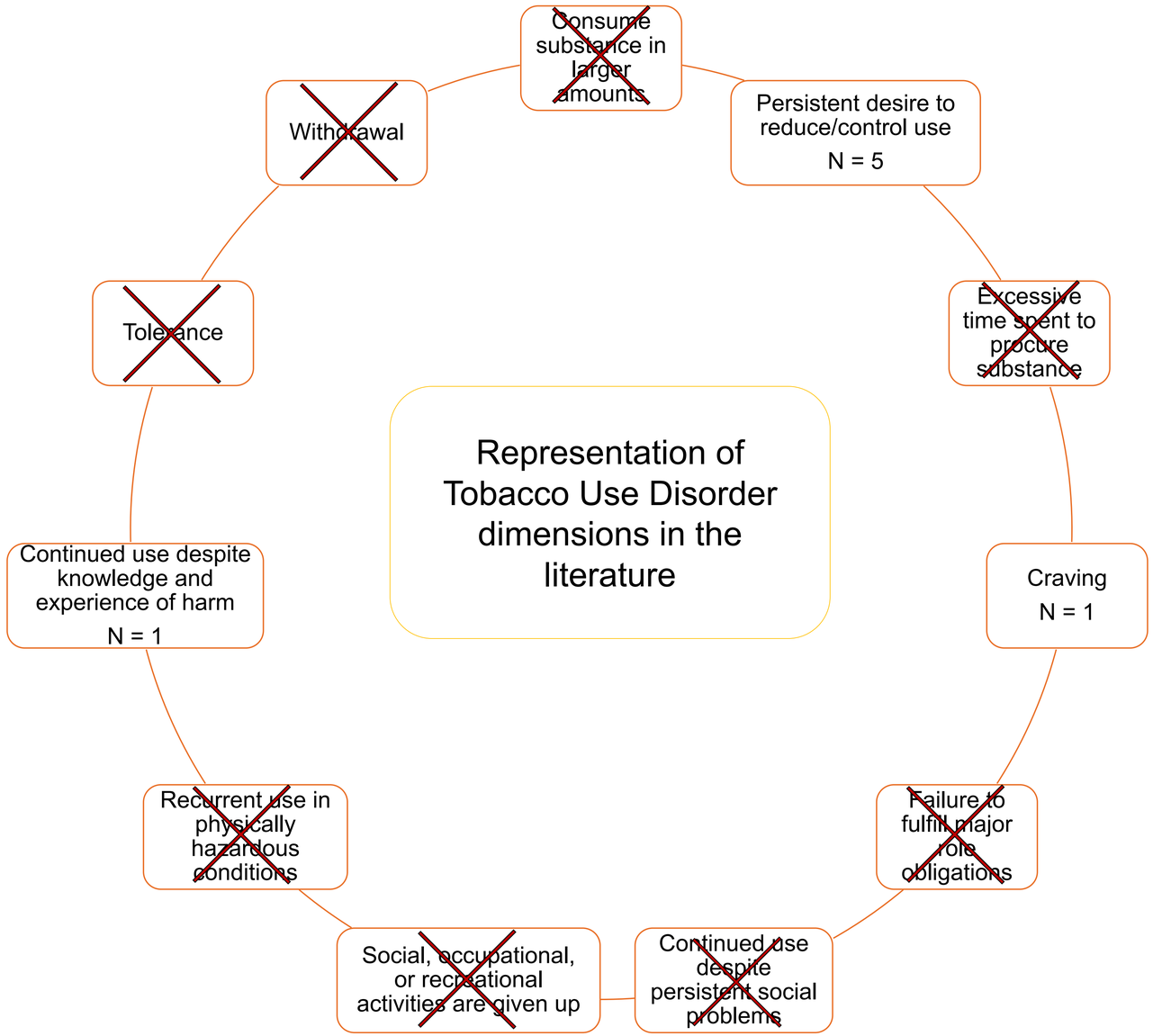
1. Describe the literature and measures regarding perception of addiction
2. Align attempts to measure perception of addiction with established clinical definition of actual addiction
3. To identify what dimension of the clinical criteria of addiction are not being addressed

Methodology

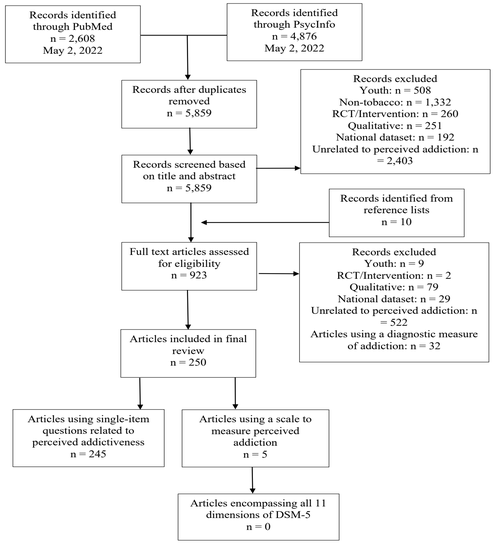
Social cognition	Substance	Addiction
▪ perce*	▪ smok*	▪ addict*
▪ belief*	▪ tobacco	▪ depend*
▪ attitudes*	▪ nicotine	

Inclusion Criteria
- Peer-reviewed papers
- Published in English after 1952 (year DSM originally published)
- Adult-only samples (18+)

Results



PRISMA



Conclusion

Implications
- There is a misalignment between epidemiological and addiction research
- Prevention and intervention efforts should consider assessing people's perceptions of nicotine addiction within the DSM V framework to tailor curricula and promote health behaviors

Summary
- Of 11 dimensions of tobacco use disorder, only three are represented in psychological research assessing perceptions of nicotine addiction

Acknowledgements

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NCPC UC MERCED Nicotine & Cannabis Policy Center