A Knowledge Gap in Medical Residents on Medical Marijuana

Ling A, Wilson M, PausJenssen A
Department of Medicine, University of Saskatchewan

Background

- Marijuana is the 2nd most common used drug
- 40% of Canadians are potential users
- Recreational marijuana to be legal in 2018
- Health Canada has **not approved** any indication for marijuana
- Physicians have been advocates for issues related to smoking, alcohol, and illicit drug use
- Canada stands to be a leading example of marijuana management

Objectives

- To assess the knowledge of resident physicians on how to manage marijuana use
- Hypothesis ➔ there is a significant knowledge gap

Method

- 25 residents were enrolled in a survey addressing 3 domains
  - medical expert
  - manager
  - scholar

Results

Medical expert

Indications for marijuana and derived products

- **Red star** indicates that medical marijuana is not an approved therapeutic agent
- **Green stars** denote the indications approved for Cesamet® and Sativex®
- Up to 40% incorrectly identified approved indications
- 15-68% correctly identified approved indications

Discussion/Conclusion

- A significant gap exists in medical marijuana knowledge in residents
- Residents have expressed a need for further education
- Canadian medical training programs need to integrate marijuana knowledge
- This data will direct development of a resident educational program

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