Ask Me How I Know:

Marijuana Use Increases
Risk for Suicide

Andy's Mom - Sally Schindel

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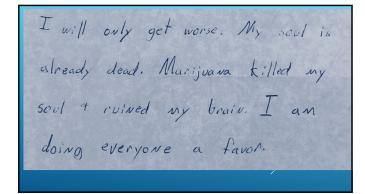
Helping Andy Help Others

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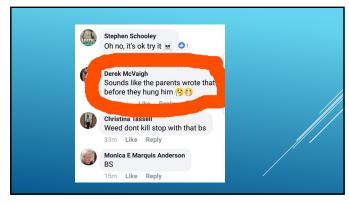




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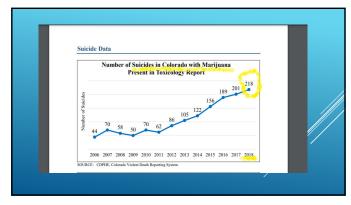


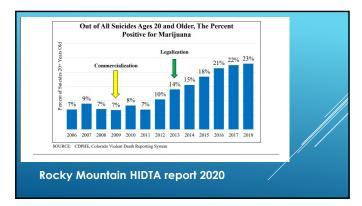


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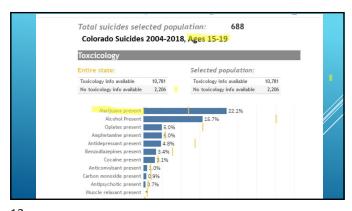


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Does marijuana use increase risk of suicide?

https://johnnysambassadors.org/suicide/

Applying the Bradford Hill Criteria for Causation to the Relationship Between Marijuana Use and Suicidal Behavior – Christine L. Miller, Ph.D. Sept. 2020

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Reference

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1 of 6 pages of Dr. Miller's references at JohnnysAmbassadors.org

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Does marijuana use increase risk of suicide?

- **Correlation** – association

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

Correlation – association

- **Consistency** across research sites and methods

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- **Correlation** association
- **Consistency** across research sites and methods
- <u>Sequence</u> cause prior to outcome

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- <u>Correlation</u> association
- Consistency across research sites and methods
- <u>Sequence</u> cause prior to outcome
- Biologic gradient more of the agent causes more harm

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- <u>Correlation</u> association
- **Consistency** across research sites and methods
- <u>Sequence</u> cause prior to outcome
- Biologic gradient more of the agent causes more harry
- Biologic rationale does it makes sense?

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- Correlation association
- **Consistency** across research sites and methods
- <u>Sequence</u> cause prior to outcome
- Biologic gradient more of the agent causes more harm
- Biologic rationale does it makes sense?
- <u>Coherent -</u> In agreement with what is already known

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- **Correlation** association
- **Consistency** across research sites and methods
- Sequence cause prior to outcome
- Biologic gradient more of the agent causes more harm
- Biologic rationale does it makes sense?
- <u>Coherent -</u> In agreement with what is already known
- Evidence

https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

- 7 of 9 Bradford criteria are relevant
- 6 of the 7 are satisfied
- The 7th Sequence is strongly suggestive
- https://johnnysambassadors.org/suicide/

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Does marijuana use increase risk of suicide?

My answer is YES

https://johnnysambassadors.org/suicide/

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Is there still suicide risk after marijuana use cessation?

Risk factors remain:

- Mental and physical health
- Environmental stress, means, unemployment
- Historical trauma, family history, PREVIOUS ATTEMPTS

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WHAT ARE SOME SIGNS OF SUICIDE RISK?

Indications of suicide ideation:

<u>TALK</u> – of hopelessness, burden to others, feeling trapped

<u>BEHAVIOR</u> – isolating, fatigue, aggression, giving things away, saying goodbyes

MOOD – anger, shame, anxiety,

a sudden improvement expressing relief

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WHAT CAN FAMILIES DO IF THEY OBSERVE SUICIDE IDEATION?

Never under react. Consider it serious.

Don't judge.

Talk, ask questions, learn, have patience.

Build connection.

Increase "I Love You"s.

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ARE THERE KNOWN SUICIDE DEATHS FROM MARIJUANA USE?

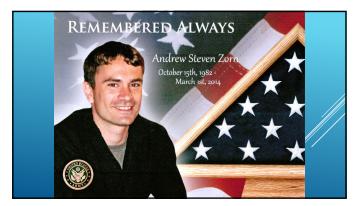
Johnny – CO Zach – MI
Andy Z – AZ Alyssa – FL
Andy B – AZ Sean – AZ
Brant – CO Joey – IL
Shane – CA David – MI
Tyler – IL Brian – IL
Kevin – CA Matthew – FL
Charles – VA Garrett – WI

Alex – AZ

David – TX Jolo - CA Thomas - CO Daniel - CO Matthew - CA Chris - AZ Marc - CO Luke - CO

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Dillon - CO



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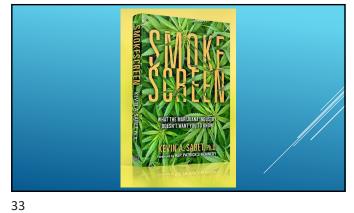


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A Mom's Job – A Son's Story	
Helping Andy Help Others	
Andy's Mom - Sally Schindel	
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