Can high-school teachers be the cornerstone of a new approach for cancer prevention education?

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Disclosure of Potential Conflicts of Interest

I, or an immediate family member, including spouse or partner, have NO financial relationship(s) relevant to the content of this educational activity.
Learning objectives:

- Identify that cancer prevention awareness promoted in a school context, is a more effective way to educate adolescents.

- Recognize that high-school teachers are elective targets to be trained on the implementation of cancer prevention campaigns.

INTERVENTION MODEL

Educational modules: cancer biology, epidemiology and prevention
Teachers Training Program
Design and implementation of the cancer prevention education campaigns

GOALS

• Improve Cancer Literacy
• Promote Behavior Change

Families

5,000 School community
1,648 Students
54 Teachers

24/10/14 ICEC 2014, Clearwater Beach, Florida, USA
Schools that participated in the study (geographic location)

Legend:

- Schools that participated in the study

METHODOLOGY | Mixed Methods Research

- Questionnaires
- Direct Observation
- Informal Interviews
RESULTS | Teachers’ Perception

Overall weighted mean

Graphic 1. Teachers' self-perceptions about cancer (n=54) a,b,c.

a Pre-test versus Post-test: Related-Samples Wilcoxon Signed Ranked Test.
b Overall weighted mean (according to the number of items in each topic).
c Difference between the Post-test Mean and the Pre-test Mean (in %).

RESULTS | Teachers’ Knowledge

Overall weighted mean

Graphic 2. Teachers’ knowledge about cancer (n=54) a,b,c.

a Pre-test versus Post-test: Related-Samples Wilcoxon Signed Ranked Test.
b Overall weighted mean (according to the number of items in each topic).
c Difference between the Post-test Mean and the Pre-test Mean (in %).
RESULTS | Cancer Prevention Projects - Examples

Evaluation - Pre

Evaluation - Post

Presentation

Leaflets/Brochures

Preparing healthy meals

Outdoor activities

Lab activities

Practical activities
Graphic 3. Students' knowledge about cancer (n=385) a, b.

a Overall weighted mean (according to the number of items in each topic).

b Difference between the Post-test Mean and the Pre-test Mean (%).

A new model of cancer education based upon teachers training proves that focused interventions in restricted targets, mediated by non-healthcare professionals is a consistent alternative to address cancer literacy.
ACKNOWLEDGEMENTS

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PUBLIC AWARENESS OF CANCER UNIT

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REFERENCES


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