

WORKPLACE EARLY DETECTION AND PREVENTION OF SKIN CANCER FOR FIREFIGHTERS

MHST 632, Unit 4
Logic Model
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SITUATION

To address the high incidence of skin cancer among firefighters relating to occupational risk factors, the proposed health promotion intervention is a skin cancer screening and preventative education for firefighters.

INPUTS

- Budget for dermatologist to perform screening, qualified nurse to provide educational seminars on skin cancer prevention.
- Dedicated personnel to assist with program communication, coordination of screenings, and logistics for educational component
- Staff time to participate

ACTIVITIES

- Garner buy-in of leadership.
- Establish a steering committee for the program with representation from leadership, frontline firefighter and union.
- Facilitate communication campaign on “rate and risks of skin cancer”
- Create safe-space to hold screenings.
- Establish contract and working relationship with local dermatologist.

AUDIENCE

Firefighters of a mid-sized municipality in Alberta, Canada.

OUTPUTS

- # staff who attend educational seminars.
- # of firefighters who voluntarily participate in the skin cancer screening program.
- # of educational materials distributed to firefighters which communicates how to self-monitor skin over time.

SHORT-TERM OUTCOMES

Increased awareness of the risks of skin cancer for firefighters.

LONG-TERM OUTCOMES

- Increased personal health knowledge and skills to self-monitor skin for lesions or concerns,
- increased healthy skin practices among firefighters leading over time to reduced cancer risk,
- less complications of skin cancer relating to early detection.

ASSUMPTIONS

- Leadership and frontline firefighters will be receptive to participate in the skin cancer screening and educational seminars.
- There will be a local dermatologist available to facilitate the screening program.
- Firefighters perceiving the program to be relevant to address their needs.

EXTERNAL FACTORS

- Demands of shift work constraining the accessibility of firefighters to access the program.