Stem Cell Club Training Resources: A Needs Assessment Survey

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Introduction

- The Stem Cell Club is a federal non-profit founded in 2011 in Canada, aiming to improve the quantity and quality of membership on Canada’s stem cell donor database.
- In total, we have recruited 5025 potential donors at our ten chapters at university campuses across Canada.
- We have trained over 500 medical, nursing, and undergraduate students as volunteers and leaders for our stem cell drives.
- Our training resources include checklists for use at donor drives and a self-directed online training program featuring three modules: volunteering at, leading, and organizing a stem cell drive.
- It is unclear how our trainees perceive these resources, and whether there are unmet training needs.

Methods

- A needs assessment survey was performed to determine whether existing Stem Cell Club training resources (checklists, online training modules) have been utilized, and whether additional learning resources are needed.
- Stem Cell Club chapter presidents emailed leaders and volunteers at their respective campuses to complete the survey.
- All survey questions employed a five-point Likert scale.

Results

Participant Demographics

- 52 Stem Cell Club members completed the needs assessment survey: 20 from BC and 32 from Ontario.
- 52% had volunteered at ≥2 stem cell drives organized by Stem Cell Club.

Existing Training Resources

- 87.5-97.7% of respondents who completed the online training modules agreed that completion prepared them for drives.
- 85.4% of respondents reported that checklists were available at drives; 70.2% personally used them in this setting. 95.9% agreed they were an important resource, and 93.9% felt that they should be used at all stem cell drives.

Unmet Training Needs

- 90.3% agreed that a video series covering all aspects of stem cell drive operations would be helpful, and 92.3-94.2% felt they would personally use this resource and that it would be used to review material prior to a drive.
- 88.3% felt that development of a practical workshop (mock stem cell drive) would improve training, and 88.5% would personally use this resource if available.

Conclusions

- This assessment clarifies Stem Cell Club training resource utilization, and guides development of additional resources to fill unmet needs.

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