Patients find a hereditary cancer digital education tool **helpful, easy to use and easy to fit** into their day.

Background

- RISE Education Module: Hereditary Cancer is a patient-administered digital tool designed to augment genetic counseling or provide education when genetic testing is ordered without GC.
- Such digital tools have potential to shorten GC appointments and increase access to genetic testing.
- To be effective, digital tools need to be patient-centered with good usability.

Aim

Assess a digital education tool's usability and helpfulness among patients needing hereditary cancer evaluation

Methods

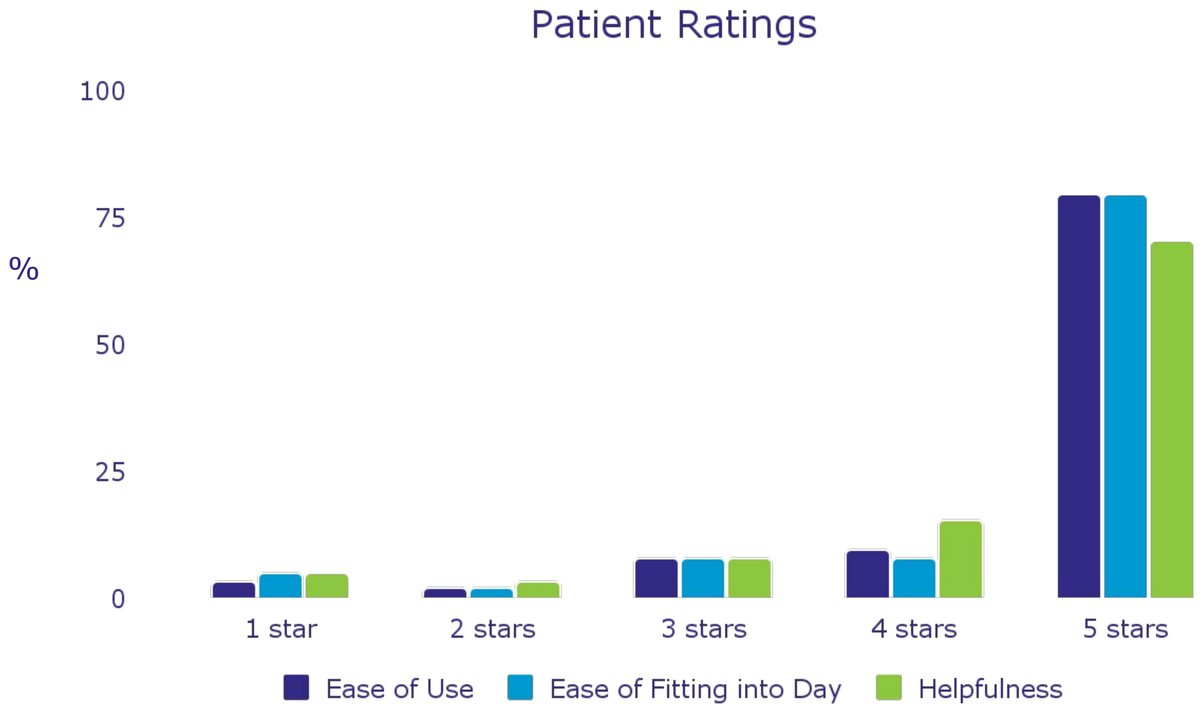
We leveraged data routinely collected when patients use the tool including tool usage metrics and data from a feedback survey patients are invited to complete after they finish the tool.

Retrospective chart review.

Usability was assessed via
1) patient ratings of ease of use and ease of fitting into their day
2) proportion of patients who completed the tool.

Perceived helpfulness was assessed via patient ratings.

The routine feedback survey also asked patients for suggestions for improvement of the tool.



Results

206 patients with completion data

Mean age **50y** (SD 14.3)

67 patients with feedback data

Mean age **49.8y** (SD 14.2)

Usability

83% (171/206) Patients who started the digital education tool completed it

Patients rated the digital education tool highly

88% (59/67) Patients rated "ease of use" 4 or 5 stars (out of 5 stars)

86% (58/67) Patients rated "ease of fitting into their day" 4 or 5 stars (out of 5 stars)

Helpfulness

85% (57/67) Patients rated "helpfulness" 4 or 5 stars (out of 5 stars)

5% (3/67) Patients left the following suggestions to improve the digital tool:

- Add pause button
- Show length of time for sum of all videos
- Include more in-depth & technical information

High completion rate and positive patient feedback suggest a digital education tool for hereditary cancer risk is both helpful and usable

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