INTRO

- As the labor market has become more competitive, many employers have implemented wellness program employee benefits to increase recruitment of top talent.
- With the decrease in genetic testing costs, genetic testing for healthy individuals that offer medically actionable results is now starting to be included in these programs ("genetic wellness").
- As a nationwide medical practice we describe our experience partnering with an employer to provide their employees access to proactive genetic testing through their company benefit.

METHODS

- Of the 200 employees who participated the following information was collected and queried:
  - Completion of required pre-test genetic counseling webinar
  - Those who opted for a one on one telehealth genetic counseling session (pre or post test)
  - Motivation for pursuing testing
  - Test results
  - Satisfaction survey data

DISCUSSION

- We present the successful incorporation of telehealth medical practice in a scalable model of genetic wellness testing as an employee benefit.
- Typically, many companies have partnered with genetic testing laboratories directly and not clinicians. In partnering with a medical practice their employees not only get access to proactive genetic testing but also comprehensive services that include pre test group counseling, with the option for individual counseling, personal and family history risk assessment and post test counseling.
- Here we should that genetic wellness programs are not only scalable when including a medical practice but also impactful for employees, as almost half had a positive result.

A novel approach to supporting employee benefits programs for genetic wellness

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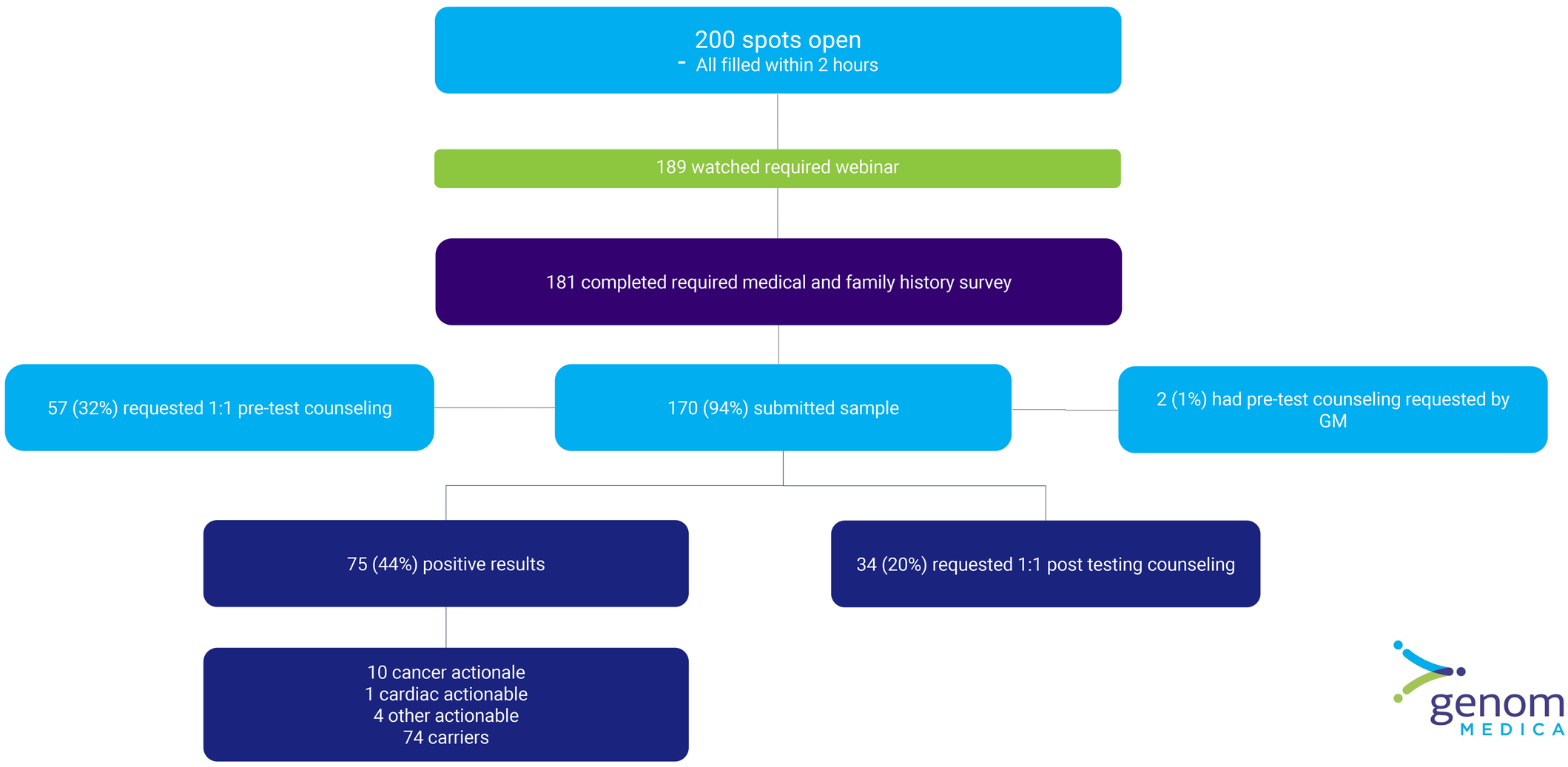
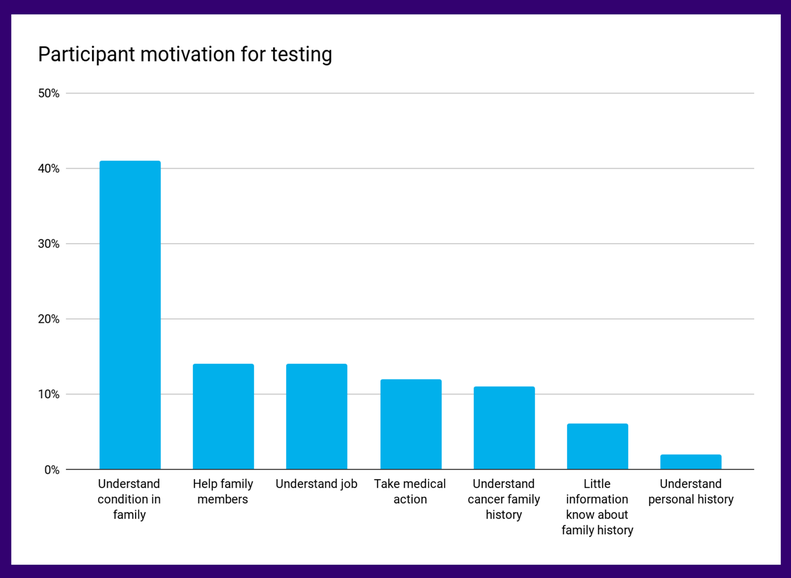
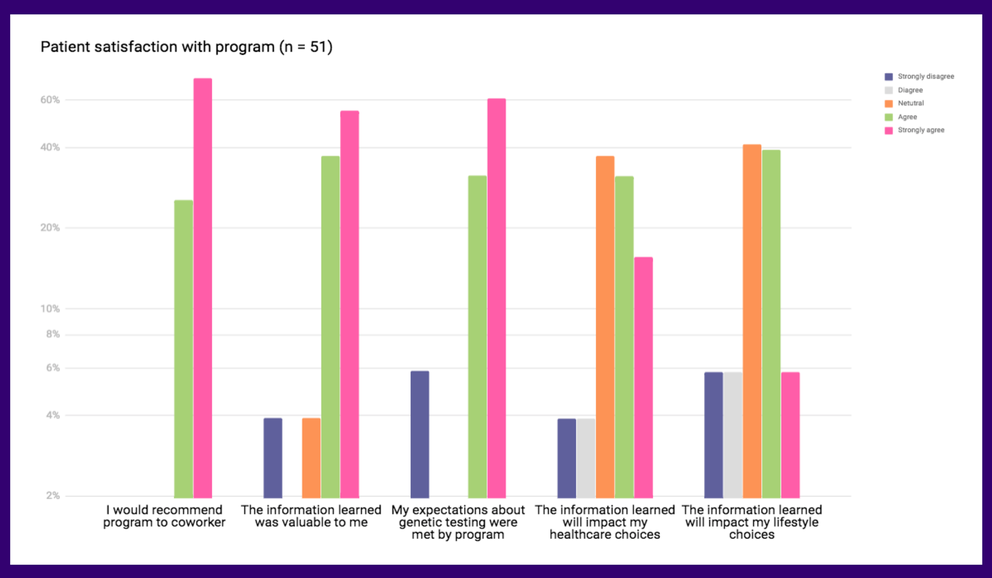
Use of a medical practice to assist employers in helping their employees obtain personalized actionable genetic insights can be done in a scalable and efficient manner, with a high rate of satisfaction.



genome MEDICAL

RESULTS





	Gene	Condition
Medically actionable		
Cancer	*APC*	Familial Polyposis
	PALB2	Breast and Pancreatic cancer
	BARD1	?Breast and Ovarian cancer
	PMS2	Lynch snydrome
	CHECK2	Breast and Colon cancer
	MITF	Melanoma
	TGFBR1	Multiple self-healing squamous cell epithelioma
Cardio	*FLNC*	Arrhythmogenic cardiomyopathy
Other	*RYR1*	Malignant hyperthermia
	HFE (compound het and homo)	Hereditary hemochromatosis
Carriers		
	HFE	Hereditary hemochromatosis
	SERPINA1	Alpha-1-Antitrypsin
	FVL	Factor V Leiden
	MUTYH	MUTYH-Associated polyposis
	ATB7B	Wilson disease
	F2	Prothrombin deficiency