



ENGAGE

ENGaging and Activating cancer survivors in GENetic services Study

Tara O. Henderson, MD, MPH and Angela Bradbury, MD (mPIs)

Greg Armstrong, MD, Brian Egleston PhD, Kevin Krull PhD, Kevin Oeffinger MD, Linda Fleisher PhD, Elena Elkin PhD

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Childhood Cancer
Survivor Study



AT THE FOREFRONT OF **KIDS** MEDICINE™

UChicago Medicine

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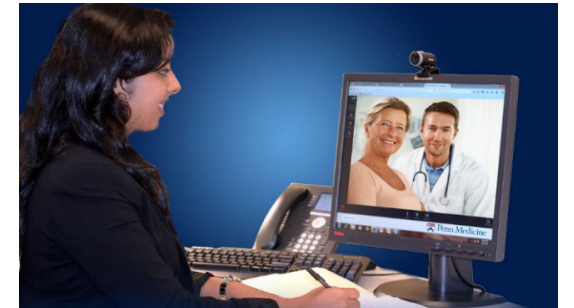
- Suboptimal access to genetic services is an acute problem for childhood cancer survivors.
- A recent study found that 12% of childhood cancer survivors had a germline mutation in a cancer susceptibility gene (e.g. *TP53*, *BRCA1/2*).

GOAL: To address the gap in access to genetic services, we will evaluate the effectiveness of an ***in-home, collaborative PCP model*** of remote delivery of genetic services to increase the uptake of genetic counseling and testing in childhood cancer survivors.

Intervention: Remote genetic services

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- Remote genetics services in community cancer practices increases the uptake of genetic counseling and testing in cancer patients*

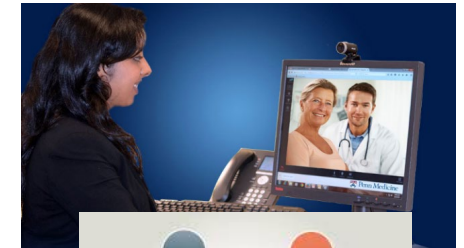


**Cacioppo et al. Ca Med (in press), 2021*

Intervention: Remote genetic services

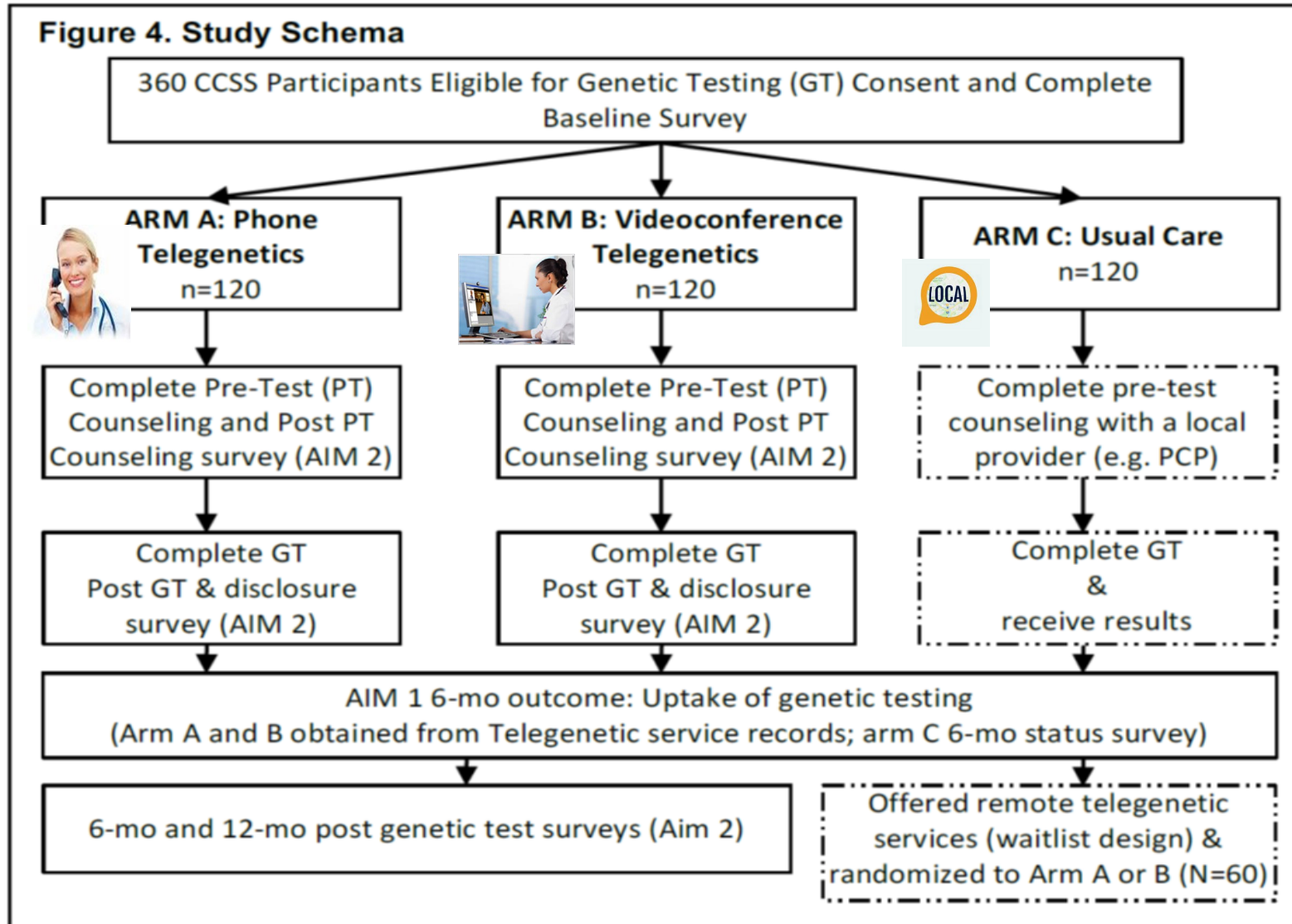
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- Remote genetics services in community cancer practices increases the uptake of genetic counseling and testing in cancer patients*
- ***In-home, collaborative PCP model of remote services***
 - ***Two genetic counseling visits in the home***
 - ***Sample collection in the home***
 - ***Penn Telegenetics GC collaborates with the local HCP to provide services across the US***



*Cacioppo et al. *Ca Med* (in press), 2021

Study Design



- Type I hybrid effectiveness and implementation study
- Primary outcome is uptake of genetic service in remote v. usual care arms at 6 months
- Secondary outcomes evaluate PROS between phone and videoconference arms

- Three study arms – in all cases participants need to take the first action
 - Remote: Telephone (Arm A) and Videoconference (Arm B)
 - Usual care: Local services via PCP or NSGC “find a counselor near me” (Arm C)
 - All arms receive information on the value of genetic testing
- Childhood cancer survivors who meet criteria for testing
 - Multiple primary cancers
 - CNS and Sarcoma patients
 - Expand to family history (per NCCN criteria)

- Recruitment starting June 15
- 18 month recruitment period
- <https://lifu.stjude.org/engage.html>



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