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Community oncology clinicians' knowledge, beliefs, and attitudes

regarding genomic tumor testing





Maine Medical Center

Research Institute

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Introduction

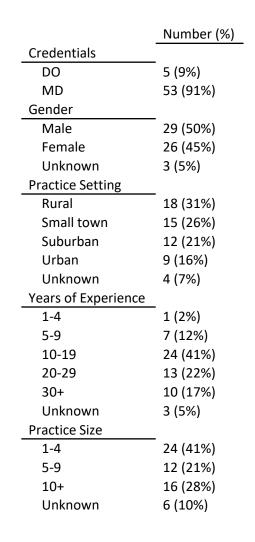
Genomic tumor testing (GTT) is a new technology that promises to make cancer treatment more precise. However, little is known about clinicians' knowledge, beliefs, and attitudes regarding GTT, particularly in community oncology settings.

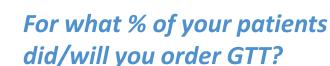
Methods

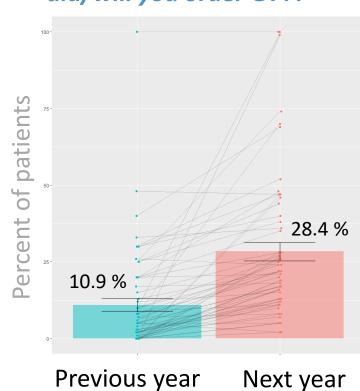
58 Maine-based oncology clinicians completed a survey, as part of their participation in the Jackson Laboratory Maine Cancer Genomics Initiative (MCGI). The survey assessed their past and anticipated future testing practices, and their attitudes, confidence, and perceived barriers to implementing GTT.

Results

Fifty-nine clinicians were invited to complete surveys and 58 agreed to participate (98% response rate).

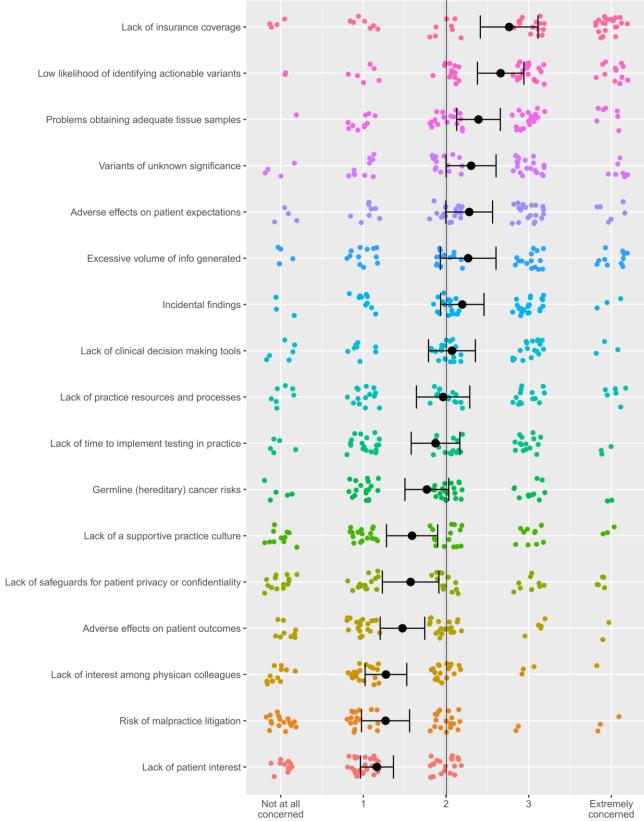




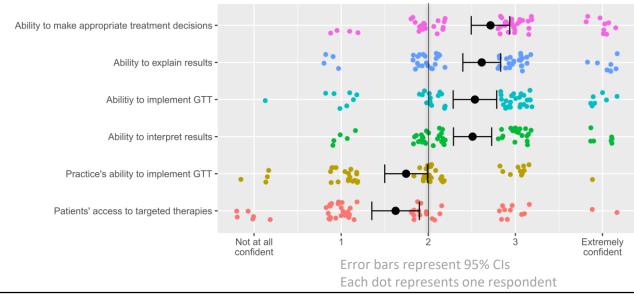


Error bars represent SE of mean Each line represents one respondent

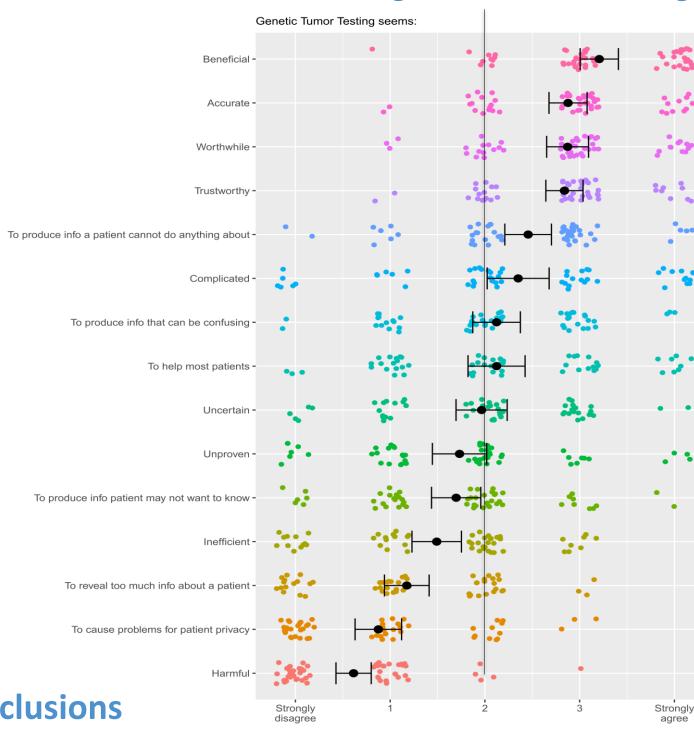




Confidence in using genomic tumor testing



Attitudes towards genomic tumor testing



Conclusions

- Oncology clinicians practicing in community settings report relatively high current use of GTT and higher anticipated use in the future.
- As GTT becomes more widespread, the knowledge, attitudes, and educational needs of community-based oncology clinicians will need to be understood and supported.

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