

Fine Needle Biopsy of Small
Choroidal Melanoma:
Concordance of GEP Results
using 27 Ga and 38 Ga
techniques

Peter G. Hovland M.D., Ph.D.

Disclosures

- Castle Biosciences sponsorship

Summary

- A small choroidal melanoma (< 2mm), located adjacent to the optic nerve and partially involving the macula, was biopsied for GEP and PRAME testing using a 25 gauge vitrectomy approach.
- Specimens were obtained with a 38 gauge cannula (MedOne), and a 27 gauge needle, and were processed separately (Castle Biosciences)
- Both yielded the same GEP result: Class 1 A, Prame negative
- 38 gauge biopsy technique may allow for safer sampling of smaller choroidal melanomas

