Objectives
- To determine the current global state of BRCA1/2 genetic testing guideline publication via a systematic mapping supplemented by guidelines discovered by the IGCS and Myriad Genetics
- To identify the most referenced guidelines globally and to determine the distribution of country authorship versus reference to external guidelines

Methods
- Systematic mapping literature review of articles published 01/01/2010 to 07/21/2021
- Two authors independently reviewed articles to ensure adherence with set of inclusion/exclusion criterion
- Supplemental IGCS informal survey of members and cross-referenced with Myriad Genetics records

Results
- 166 articles out of 1,011 records met final inclusion criteria
- Geographical distribution of BRCA1/2 genetic testing guidelines based on the findings from all sources is shown in Figure 1
  - 46 unique guidelines identified
  - 22 unique countries with published guidelines
  - 35 unique countries with referenced guidelines
- IGCS survey identified guidelines in 22 additional countries
- Myriad Genetics identified additional guideline information for 3 countries
- Of 166 articles, 105 articles were published in the United States, 6 in United Kingdom, and 5 in Germany
- BRCA1/2 genetic testing guidelines published by NCCN accounted for 37.3% of all articles included seen in Figure 2

Conclusion
- This systematic mapping review reveals tremendous geographical variability in the publication and referencing of BRCA1/2 genetic testing guidelines
- A predominance of a relatively few guidelines account for majority of publications and utilization globally
- Formalized global guidelines for BRCA1/2 genetic testing are needed to improve global health equity