

Precision Oncology Survey

Question-by-Question Summary

1. What are your top five most utilized resources for precision oncology?

Türkiye: NCCN; ASCO; ESMO; BC CANCER; BSH

Philippines: HOPA study materials; BOPA study materials; ISOPP study materials

Australia: eviQ (for treatment protocols involving recommendations; RCPA
(<https://www.rcpa.edu.au/Library/Practising-Pathology/Pharmacogenomic-Indications-in-Australia>)

Egypt: Asco; NCCN; COG; Stjude; SIOP

Pakistan: OncoKB <https://www.oncokb.org>; HOPA BCOA; ISOPP; NCCN Clinical Practice Guidelines in Oncology (National Comprehensive Cancer Network); ASCO Educational Book & Precision Oncology Resources

Pakistan: Patients; clinical decision support; precision oncology trainings; institutional/organizational resources

Pakistan: Lexicomp up to date for medicines; Lippincott books; Chatgpt; Online research papers; YouTube

2. How would you classify your practice setting?

Türkiye: Large Community Hospital (>100 beds)

Philippines: Small Community Hospital/Practice (<100 beds)

Pakistan: Academic Medical Center

Australia: Academic Medical Center

Egypt: Small Community Hospital/Practice (<100 beds)

Pakistan: Academic Medical Center

Pakistan: Other (please specify)

Pakistan: Academic Medical Center

Pakistan: Large Community Hospital (>100 beds)

3. Please rate your level of agreement: My institution has a formal precision oncology program.

Türkiye: Agree

Philippines: Neither Agree Nor Disagree

Pakistan: Strongly Disagree

Australia: Neither Agree Nor Disagree

Egypt: Neither Agree Nor Disagree

Pakistan: Strongly Agree

Pakistan: Disagree

Pakistan: Agree

Pakistan: Strongly Disagree

4. Please rate your level of agreement: Precision oncology services are routinely incorporated into treatment recommendations at my institution.

Türkiye: Disagree

Philippines: Agree

Pakistan: Disagree

Australia: Agree

Egypt: Agree

Pakistan: Strongly Agree

Pakistan: Disagree

Pakistan: Neither Agree Nor Disagree

Pakistan: Strongly Disagree

5. Please rate your level of agreement: Oncology pharmacists are well-integrated into precision oncology workflows at my institution.

Türkiye: Disagree

Philippines: Neither Agree Nor Disagree

Pakistan: Disagree

Australia: Neither Agree Nor Disagree

Egypt: Agree

Pakistan: Agree

Pakistan: Disagree

Pakistan: Agree

Pakistan: Strongly Disagree

6. Which EMR tools has your institution implemented for identifying and ordering biomarker tests?

Türkiye: Disease-Specific Biomarker Order Sets/Biomarker Ordering Tools

Philippines: we have none at the moment

Australia: No EMR tools

Egypt: Disease-Specific Biomarker Order Sets/Biomarker Ordering Tools

Pakistan: Disease-Specific Biomarker Order Sets/Biomarker Ordering Tools

Pakistan: Disease-Specific Biomarker Order Sets/Biomarker Ordering Tools; Biomarker Test Ordering with Direct Transmission to Vendors

Pakistan: Biomarker Test Ordering with Direct Transmission to Vendors

Pakistan: Disease-Specific Biomarker Order Sets/Biomarker Ordering Tools

7. Which EMR tools has your institution implemented for receiving and applying biomarker testing results?

Türkiye: Clinical Decision Support for Treatment Decisions

Philippines: Clinical Decision Support for Treatment Decisions

Australia: No EMR tools

Pakistan: Biomarker Testing Reports (e.g. PDFs coming directly from a vendor); Clinical Trial Matching

Pakistan: Biomarker Testing Reports (e.g. PDFs coming directly from a vendor); Structured/Discrete Results (e.g. Variant-level data); Clinical Trial Matching

Pakistan: Clinical Trial Matching

8. What disciplines are involved during multi-disciplinary discussions when considering a new integration or vendor?

Türkiye: Physicians; Pathology; Laboratory; IT/Informatics

Philippines: Physicians; Nurses; Pharmacists; Pathology; IT/Informatics

Pakistan: Pharmacists

Australia: No integrations/vendors.

Egypt: Physicians; Pharmacists; Pathology

Pakistan: Physicians; Pharmacists; Pathology; Laboratory

Pakistan: Pharmacists

Pakistan: Physicians; Pharmacists; Pathology; Laboratory

Pakistan: Pharmacists

9. Do you have committee infrastructure that makes decisions about new EMR vendors or integrations? If so, briefly describe the structure.

Pakistan: No

Australia: N/A - no EMR capable of supporting integrations.

Egypt: No

Pakistan: NO

10. Please provide any other information you think would be interesting to know about your views and challenges on precision oncology.

Australia: Australia has a centralised service where precision oncology testing is usually part of approval for use of medicines and is done at the point of diagnosis where these are available. Broader genomic testing is not available on a reimbursed basis and a lot of our EMRs are not set up to support direct integration (particularly where we have standalone oncology EMRs). This survey is structured for a different health system to the one I work in.