

Establishing a molecular care pathway Peninsula Health

While molecular profiling is routinely incorporated into patient management, at present this occurs across multiple platforms (both internal and external to the health service) and reports are distributed in a variety of ways (including direct email to clinicians, reporting of locally sequenced gene panels on pathology platform, and storage of external reports into scanned medical records). There is no dedicated point of access to these reports, and no formal system to identify results requiring access to molecular tumour boards (MTBs) or familial cancer clinics (FCCs), leading to inefficiencies and potential inequities in local precision oncology care.

The aim is to establish and benchmark the gaps in the current molecular oncology practice at Peninsula Health; to implement a single and consistent point of storage of molecular reporting in the electronic health record; and to implement a clear care pathway to formalise referral to molecular tumour boards (MTBs) and familial cancer clinics (FCCs).

This will allow for improved patient access to targeted therapies (and ultimately improved patient outcomes) via access schemes or clinical trials at Peninsula Health and across partner networks.