

IHE - The Swedish Institute for Health Economics

Country card Türkiye: Improving breast cancer care in the MEA region

covers mammography costs, opportunistic screenings are not covered.



Improve quality While there is an adequate number of mammography machines there are problems with the <u>__</u> control of pathology quality of mammography reports. For instance: units by ensuring that Many mammography images from private hospitals fail to meet quality standards, mainly laboratories and due to incorrect positioning. diagnostic centers get ✤ Many mammography reports lacked essential details, rendering them insufficient in accredited by quality. international health The lack of coordination among health care providers impedes timely diagnosis efforts. bodies. Patients with public insurance face longer waits for diagnosis, including tests and results. Ensure that essential A 2020 study revealed that the median time to receive histopathologic results was 12 days. ğ biomarker tests and Key challenges identified include a lack of quality control, with pathology services lacking newer molecular necessary accreditation to guarantee high-quality breast cancer screening and diagnostic tests that diagnostics. Moreover, a 2021 survey on Turkish pathologists' job satisfaction highlighted are prerequisites for administering modern that only half were content with their lab's physical conditions, and many reported working cancer medicines are with inexperienced technicians. widely accessible. There are notable regional disparities in the quality of pathology reports, with molecular subtype analysis included in 87% of reports overall, but only 50% in the Eastern Anatolia Work on feedback region, indicating significant geographical variations in diagnostic quality. mechanisms where pathologists can voice Access to biomarker testing in the Test their concerns. public sector Essential biomarkers Invest in expanding (ER, PR, HER2, Ki-67) Available for all health care facilities, Gene expression profiles Limited reimbursement in the private including diagnostic (Oncotype DX, Mamma Print, etc.) sector. centers, to reduce Only PD-L1 has routine reimbursement in waiting times. Newer biomarkers the public sector. (PIK3CA, BRCA1/2, PD-L1, NTRK, dMMR/MSI-H, PIK3CA, BRCA1/2 and dMMR have limited TMB-H) reimbursement in the private sector. **Treatment** Main challenges Main recommendations Long waiting times for oncologist appointments and treatment start in public hospitals extend Improve the care process. There is a shortage of breast surgeons and surgical slots, which delays geographical surgeries. There is also a shortage of radiation oncologists and technicians, with current accessibility to numbers falling below the suggested range. In addition, a lack of comprehensive breast cancer centers, centers within oncology units may lead to fragmented care. especially for Geographical disparities are evident, with treatment initiation times varying significantly patients in rural across regions and remote areas facing access issues. In a study the delay time between areas. clinical appointments and initiation of treatment was 29 days. However, in the Southeast Expand breast Anatolia region the waiting time was more than double, 66 days. surgery training programs and Significant progress has been made in standardizing breast cancer care, with a notable increase radiology increase in breast-conserving surgery rates from 35% in 2008 to 57% in 2018. The Turkish residency slots. Federation of Breast Diseases Societies prioritizes ongoing education for health care professionals and requires weekly multidisciplinary tumor boards, achieving an 87% national Explore participation rate. hypofractionated radiation therapy to There is a low per capita number of radiation therapy machines compared to countries at expedite treatment similar economic levels, leading to longer wait times and limited access to advanced and save resources, treatments. The ratio in Türkiye is 2.87 per 100,000 inhabitants, below the OECD average of especially for 8 per 100,000. In addition, there are regional disparities in the availability of linacs for patients in East and Southeast Anatolia. radiation therapy, with some areas, especially East and Southeast Anatolia, having much lower ratios than the recommended level. Ensure consistent There are significant delays between the regulatory approval of new medicines and their use of health subsequent reimbursement. This situation leads to a scenario where these medicines are technology assessment to accessible only to patients who can afford to pay for them out-of-pocket. evaluate new The SSI rarely reimburses new medicines for early-stage treatment, and only a select few are cancer medicines covered in the metastatic setting. Patients with TNBC or gBRCA+ status receiving treatment and reimburse in the public sector for metastatic cancer do not have access to immunotherapies or targeted those with high therapies. In contrast, private insurance policies offer broader access to newer medicines, clinical benefit and although the extent of coverage varies based on individual insurance plans. acceptable costeffectiveness profile.