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Breast cancer screening indicators in users of the Unified Health System after the implementation of the Itaberaí Project

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Objective: To evaluate the mammographic screening indicators in the Unified Health System of users residing in the municipality of Itaberaí, Goiás, and to compare the coverage before and after three years of the implementation of the Itaberaí Project. **Methods:** Data were collected from the records of the Regulation Sector and the Mammography Service of the municipality. Indicators were evaluated regarding clinical indication, age group, interval between the exam request and the report release, and the results of the exams according to the Breast Imaging Reporting and Data System (BI-RADS[®]) classification. **Results:** In 2021, 359 mammograms were performed, with an estimated coverage of 4.3%. In 2022, 770 were performed (10%), in 2023, 951 (12.7%), and in 2024, 2,217 mammograms were performed, showing a statistically significant increase of 29.6% ($p < 0.05$). Indicators for 1,339 (60%) of the exams performed in 2024 were calculated. Regarding clinical indications, 86.5% were prescribed for screening, and 13.5% for diagnostic purposes. The average age was 50 years, with the highest prevalence in the 50–69 age group (54.1%), followed by the 40–49 age group (33.8%). Among the screening mammograms, the BI-RADS[®]0 rate was 17.5%, BI-RADS[®]1 was 7.0%, BI-RADS[®]2 was 74.2%, BI-RADS[®]3 was 0.22%, BI-RADS[®]4 was 0.5%, and BI-RADS[®]5 was 0.07%. For the total number of mammograms, the average time between the request and the report issuance was 19 days, with a median of 13 days, and in 42.1% of the exams, the time was up to 10 days. Of the exams performed, 13.8% were available to women in the mammography service. **Conclusion:** There was a significant increase in mammographic coverage for women after the implementation of the Itaberaí Project. It was observed that the time between the request and the report needed to be improved as a quality measure. Strategies are needed to ensure that women seek their exam in the mammography service.

Keywords: breast cancer; screening; mammography; health status indicators.