

CBR Quality Accreditation in Mammography for the correct diagnosis

W5B-QI-1



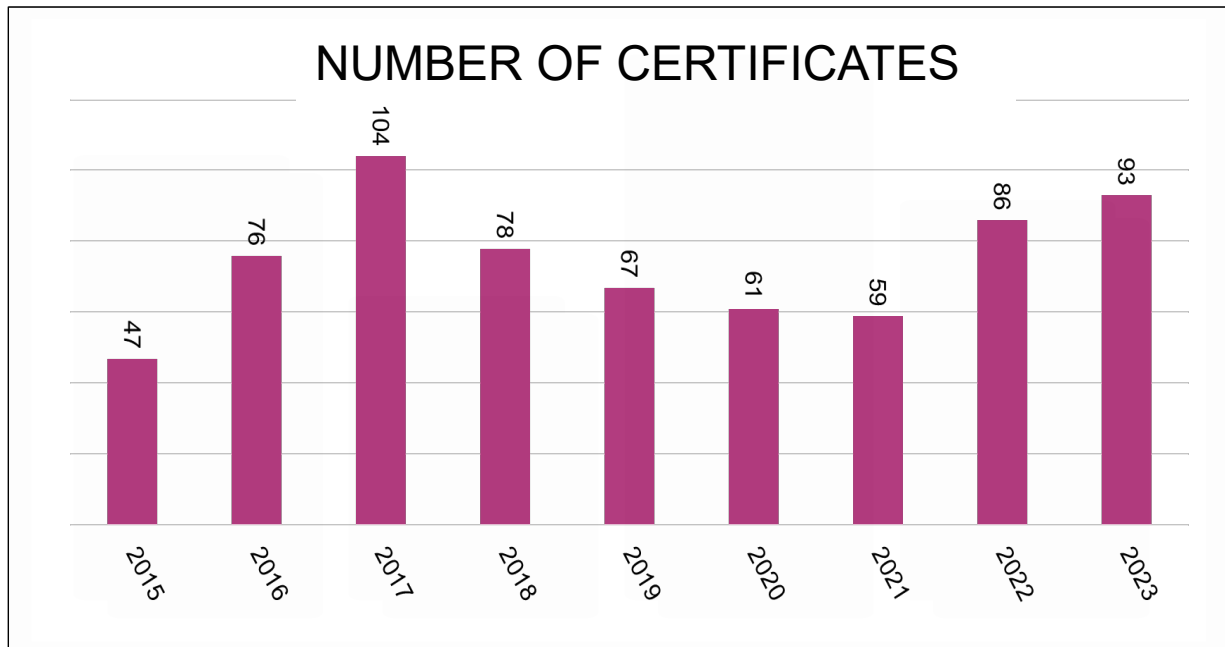
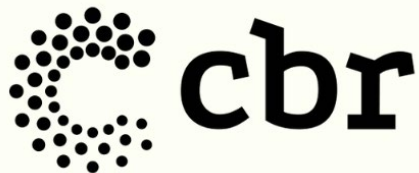
INTRODUCTION

- Thirty years ago, the Mammography Committee of the Brazilian College of Radiology and Image Diagnosis (CBR) created the first Quality Certification Program in Mammography. It played a fundamental role in assisting in the evolution of care and protocols for the diagnosis and treatment of breast cancer in the country and proved the importance of focusing on Quality in Health. One of the stages of certification in mammography is the technical evaluation of the exams, in which one of the evaluated criteria is the correct classification of the international systematization BI-RADS (Breast Imaging Reporting and Data System) for breast evaluation, interpretation and reports of breast imaging exams . The BI-RADS classification helps to estimate the chance that a given mammogram image is cancer.

INTRODUCTION

- After many failures due to the incorrect classification of the BI-RADS, the CBR Mammography Commission established the obligation of carrying out the PEC BI-RADS course, as an educational process for physicians who performed incorrect classification. PEC in Portuguese stands for “Programa de Educação Continuada”, in English: Continuing Medical Education.
- The PEC BI-RADS is an online course free for all CBR associates:
<https://cursosonline.cbr.org.br/curso/pec-online-bi-rads/>
- The objective of this work is to demonstrate the effectiveness of the mandatory attendance of the PEC BI-RADS course, in relation to the correct BI-RADS classification in mammography exams.

QUALITY CERTIFICATE IN MAMMOGRAPHY



METHODS

- We carried out a survey of clinics that participated in the mammography quality certification program from September 2018 to September 2022. 2018 to September 2021 period in which there was no obligation to take the course, and we made a comparison with the number of clinics that failed in the period from September 2021 to September 2022, where the obligation to take the course was established.

METHODS

- Of the 106 clinics that participated in the certification process from September 2018 to September 2021, 9 clinics failed the program due to incorrect BI-RADS classification. After the mandatory completion of the course, the clinics that had their exams failed, were informed that all doctors who performed mammography exams at the clinic, were obliged to present the certificate of conclusion of the PEC-BIRADS course, in order to return to the certification program of Quality. After completing the course, the clinic could resend new exams for a new quality assessment. This process started in September 2021. Of the 43 clinics that entered the certification process from September 2021 to September 2022, 10 clinics had failed exams in the first evaluation, took the course and all of them were approved in the second post-course evaluation. All clinics received the certificate of quality in mammography.

RESULTS

Results <u>before</u> applying the PEC BIRADS course:	
Period of participation in the mammography quality program	September/2018 até September/2021
Number of clinics participating in the mammography quality certification program	106
Number of clinics DISAPPROVED in the first submission, in the mammography quality certification program, due to incorrect BIRADS classification	9
Percentage of clinics DISAPPROVED in the second chance of submission, in the mammography quality certification program, due to incorrect BIRADS classification.	100%
Percentage of DISAPPROVED clinics	8%
Results <u>after</u> applying the PEC BIRADS course:	
Period of participation in the mammography quality program	September/2021 até September/2022
Number of clinics participating in the mammography quality certification program	43
Number of clinics DISAPPROVED in the first chance of submission, in the mammography quality certification program, due to incorrect BIRADS classification	10
Percentage of clinics APPROVED in the second chance of submission, in the mammography quality certification program, after completing the PEC BIRADS course	100%
Percentage of clinics DISAPPROVED after completion of the course	0

CONCLUSION

- We conclude that the implementation of the PEC BI-RADS course was effective, since the physicians who carried out the course were able to correctly classify the BI-RADS in the mammography exams evaluated, avoiding diagnostic errors and failures in indicating the best treatment for the patient.

REFERENCES

- <https://cursosonline.cbr.org.br/curso/pec-online-bi-rads/>
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THANK YOU

