

## Radiographers' perceptions of patient safety culture

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## **Aims and objectives**

The purpose of this research was to evaluate the radiographers perception about patient safety culture in public and private facilities nationwide.

## Methods and materials

A web based survey composed by a sociodemographic characterization was added to the translated and validated to portuguese tool. This tool was the Hospital Survey on Patient Safety Culture (HSOPSC).

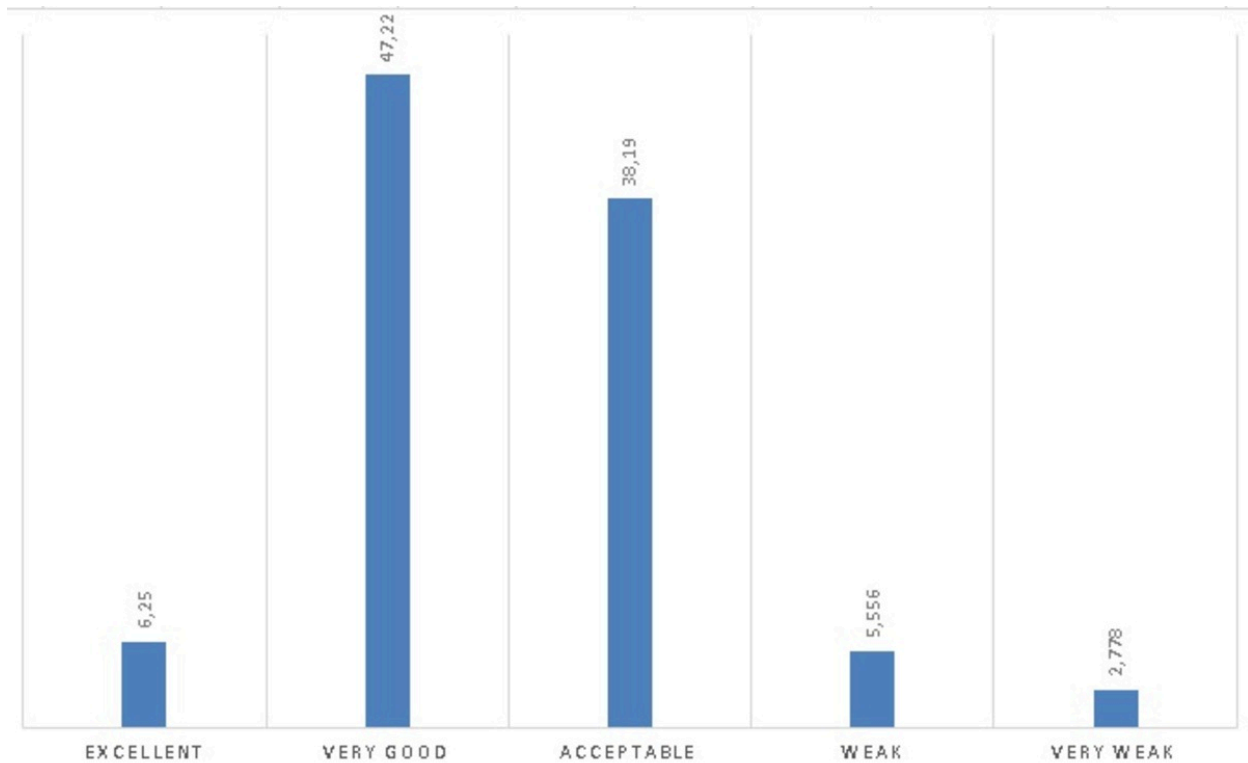
This digital survey was made available to all the radiographers that wished to participate at a nationwide level.

## Results

A total of 144 radiographers answered the survey.

The internal consistency assessed by the Cronbach's alpha was 0.927.

Only 9 participants classified the safety culture as excellent, whilst 68 participants classified the safety culture as very good and 68 while 55 classified it as acceptable. The remaining participants classified safety culture as weak (8) or very weak (4).



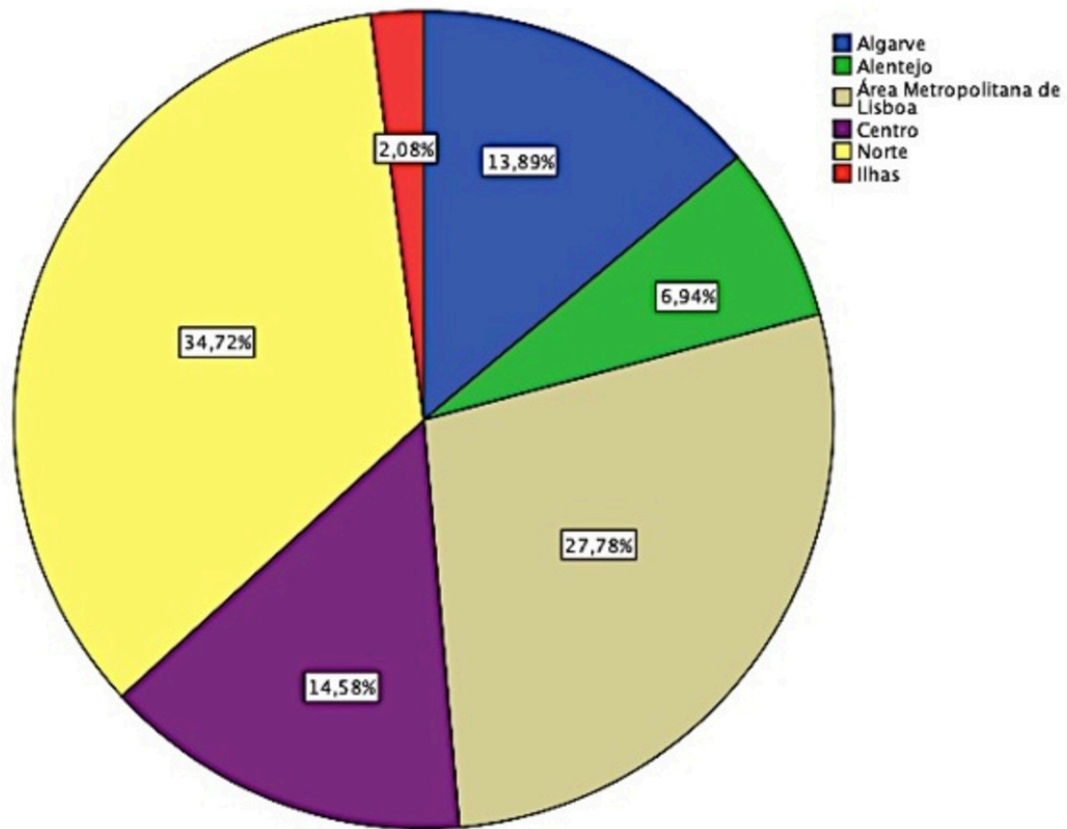
**Fig. 2:** Patient Safety Grade in Percentage

**References:** Medical Imaging and Radiotherapy, Health School - University of Algarve - Faro/PT

An expressive number of 58 participants did not filled any error in the last 12 months.

In the private facilities, some dimensions scored statistically higher than in the public sector, namely the support of managment for patient care is higher in private facilities.

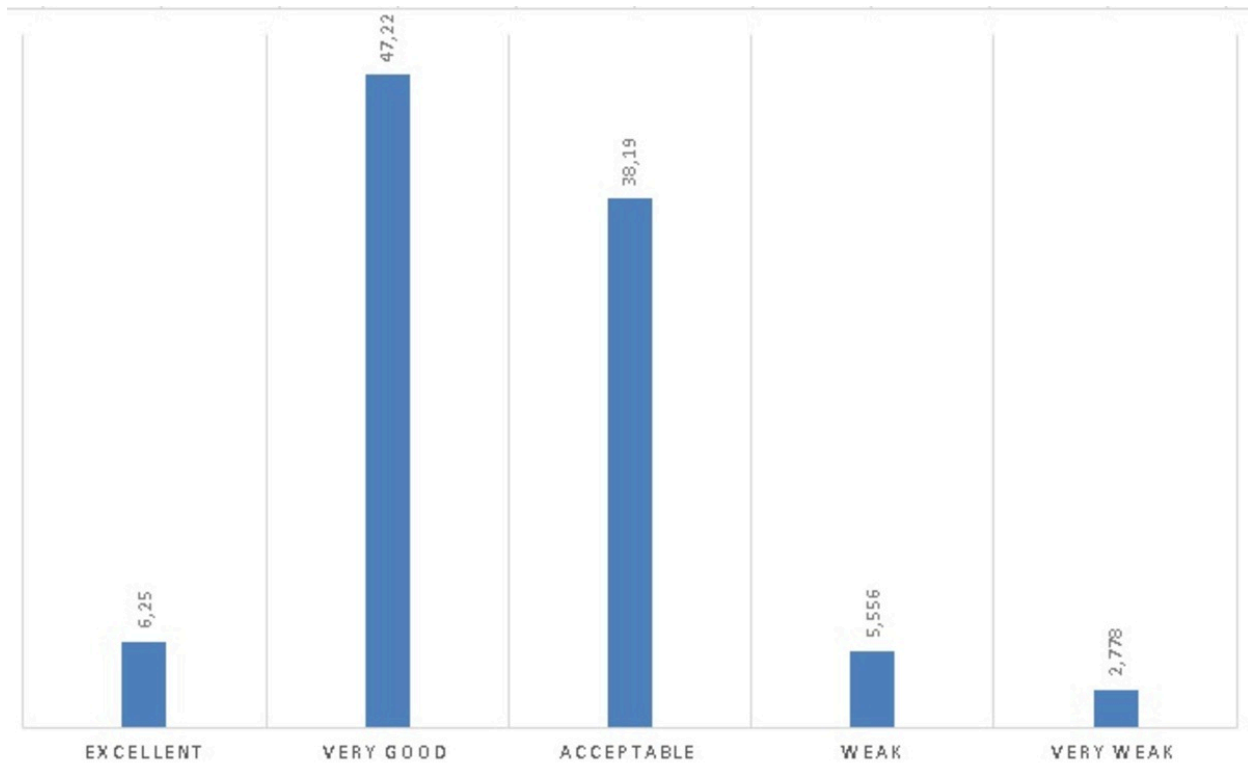
When compared the several regions of the country, no statistically significant difference were found.



**Fig. 3:** Percentage of Participants by Portuguese Regions

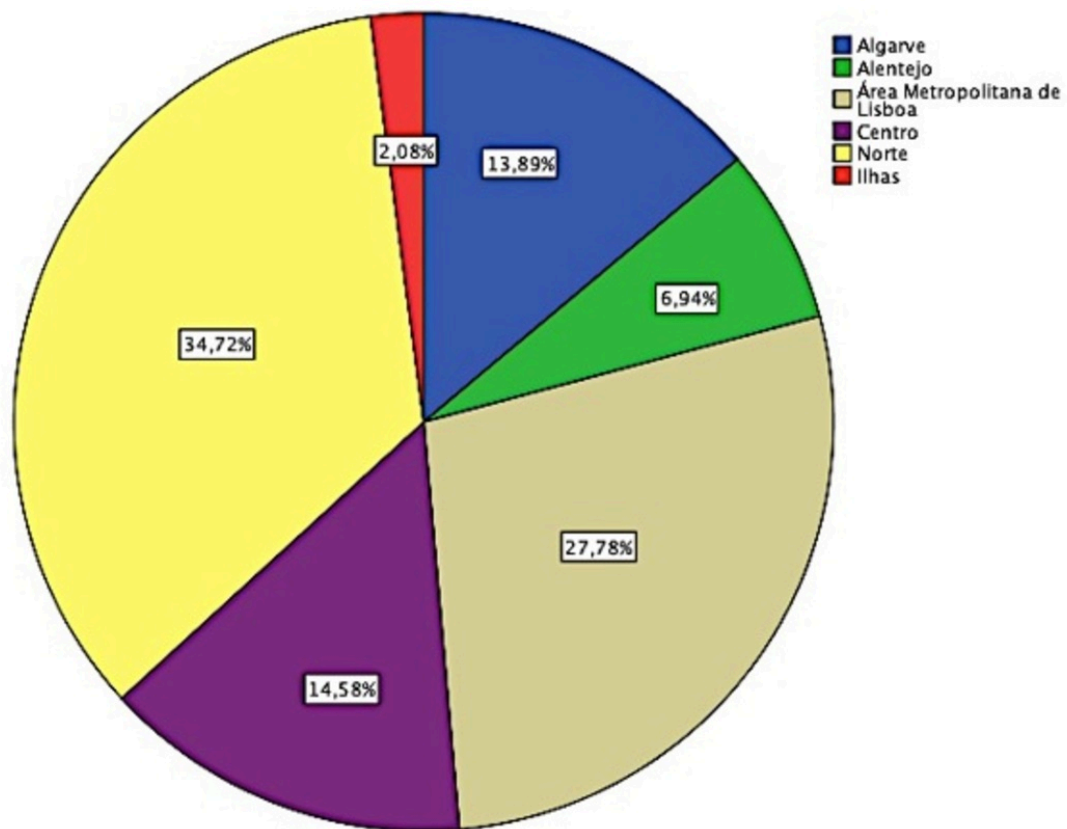
**References:** Medical Imaging and Radiotherapy, Health School - University of Algarve - Faro/PT

**Images for this section:**



**Fig. 2:** Patient Safety Grade in Percentage

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**Fig. 3:** Percentage of Participants by Portuguese Regions

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## Conclusion

With the development of this research, it was possible to conclude that radiographers have a positive perception of their department, in some dimensions, with greater failures in the areas of "Feedback and communication about errors" and "Workers".

Despite the existence of some weaker dimensions, the general security perception of radiographers is positive, with a very good opinion of patient safety at the radiology department.



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Images for this section:



**Fig. 1**

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