

# Awareness of interventional radiology amongst the rural population and its availability in the less privileged areas of Pakistan



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## Introduction

Interventional radiology is an ever rising field of radiology. The advent of IR has reduced the need for more invasive procedures making the more difficult procedures easier and ultimately improving the patient management. However the underdeveloped countries are still striving to introduce this field to the people. Likewise, rural areas of Pakistan suffer a tragic setback owing to poor or least effective healthcare system. The local population is highly vulnerable and prone to disease and death due to lack of awareness of the latest trends and innovations done in the healthcare system throughout the world.

## Objective

basic aim of our research is to evaluate

- level of awareness about interventional radiology among our underprivileged population

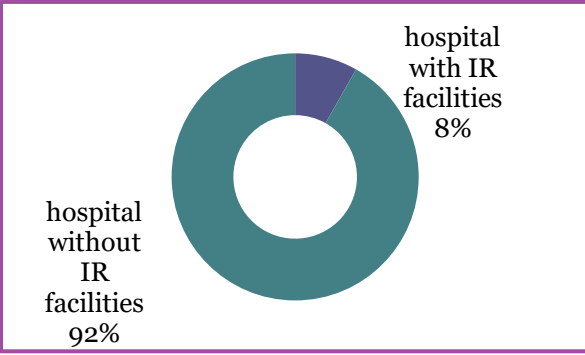
to find out ways to spread awareness.

## Results

This In-term Analysis was done for 234 respondents. The mean age of respondents was 30.65±11.36 years while majorities (75.2%) of respondents were males. Among 234 respondents, 20.5% were graduate and 57.3% were undergraduate while 22.3% had no formal education. We found 30.6% of respondents had knowledge regarding interventional while 69.4% of respondents had no knowledge. Only 20.2% have hospitals providing some interventional radiology services in their area. Majority of respondents think poor health facilities (39.3%) and lack of resources (32.5%) are the reason behind lack of interventional radiology services in their area. We found significant association of interventional radiology knowledge with gender (p=0.006), age (p=0.002), education (p=0.000) and Profession (p=0.000).

## Conclusion

Over all knowledge of interventional radiology in rural areas of Pakistan is quite unsatisfactory and most of the patients are unaware of the field due to overall crisis of health care facilities in the region. It is a dire need of time to improve healthcare facilities and arranging training programs in IR and initiating social awareness programs



## Methodology

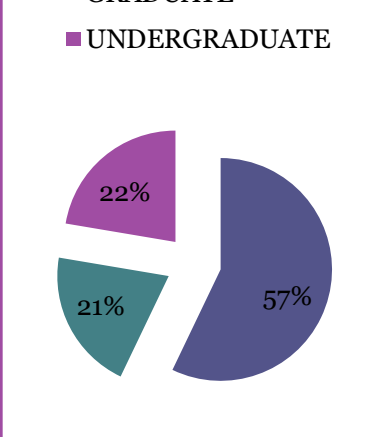
a cross sectional prospective study conducted at Liaquat national hospital and few other smaller setups in the rural areas of Sindh

Data was collected through a predesigned proforma, based on questions to assess the basic knowledge of people regarding interventional radiology

Sample size of 350 patients was calculated however as the study is still in progress the available data is only 234 patients. Analysis was done by using IBM SPSS Statistics v25



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## references

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