



# Clinical Significance of Action Research-Based Seamless Care to Improve Imaging Efficiency and Patients' Cognition, and Alleviate Patient Anxiety [Letter]

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## Dear editor

The article entitled “Clinical Significance of Action Research-Based Seamless Care to Improve Imaging Efficiency and Patients' Cognition, and Alleviate Patient Anxiety”<sup>1</sup> caught our attention because it has advantages: 1) Using an action research approach that involves researchers and practitioners, so that enable the active involvement of researchers in real practice and solving existing problems; 2) Using a seamless care approach, which allows increasing the efficiency of imaging examinations and reducing anxiety, thereby reducing the duration of imaging examinations, treatment duration, increasing understanding of examinations, and reducing negative emotions; 3) Provide clinical evidence about the effectiveness of action research-based seamless care in increasing the efficiency of imaging examinations and reducing anxiety; 4) Has high clinical relevance because it focuses on patient care during imaging examinations, which can be used to improve the quality of care practice; 5) Provide a basis for research and development of better care practices in the future.

However, we also found limitations, namely: 1) It did not involve a suitable comparison group (although there was a control group, they did not receive other treatment techniques that could be compared with seamless care based on action research, thereby limiting the ability to directly evaluate the effectiveness of the treatment; 2) There is no objective measurement (some research results, such as examination comprehension and patient's negative emotions, are measured based on subjective psychometric scales).

Therefore, we recommend conducting further research with improvements: 1) Using a comparative study approach with an appropriate comparison group,<sup>2</sup> for example a comparison group with other treatment techniques that have proven effective in clinical practice (not just routine care); 2) The use of objective measurement methods,<sup>3</sup> for example physiological measurements such as blood pressure, heart rate, or stress hormone levels can be objective indicators of the patient's anxiety level. In addition, direct observation by investigators or the use of monitoring devices such as cameras or sensors can provide more accurate data about patient responses during imaging studies.

With this recommendation, it is hoped that further research results will be obtained which will result in a deeper understanding of the effectiveness of action research-based seamless care in order to improve the efficiency of imaging examinations and reduce patient anxiety.

## Disclosure

The authors report no conflicts of interest in this communication.

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