

Using Case Management Model to Enhance Compliance with Osteoporosis patient medication

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Background

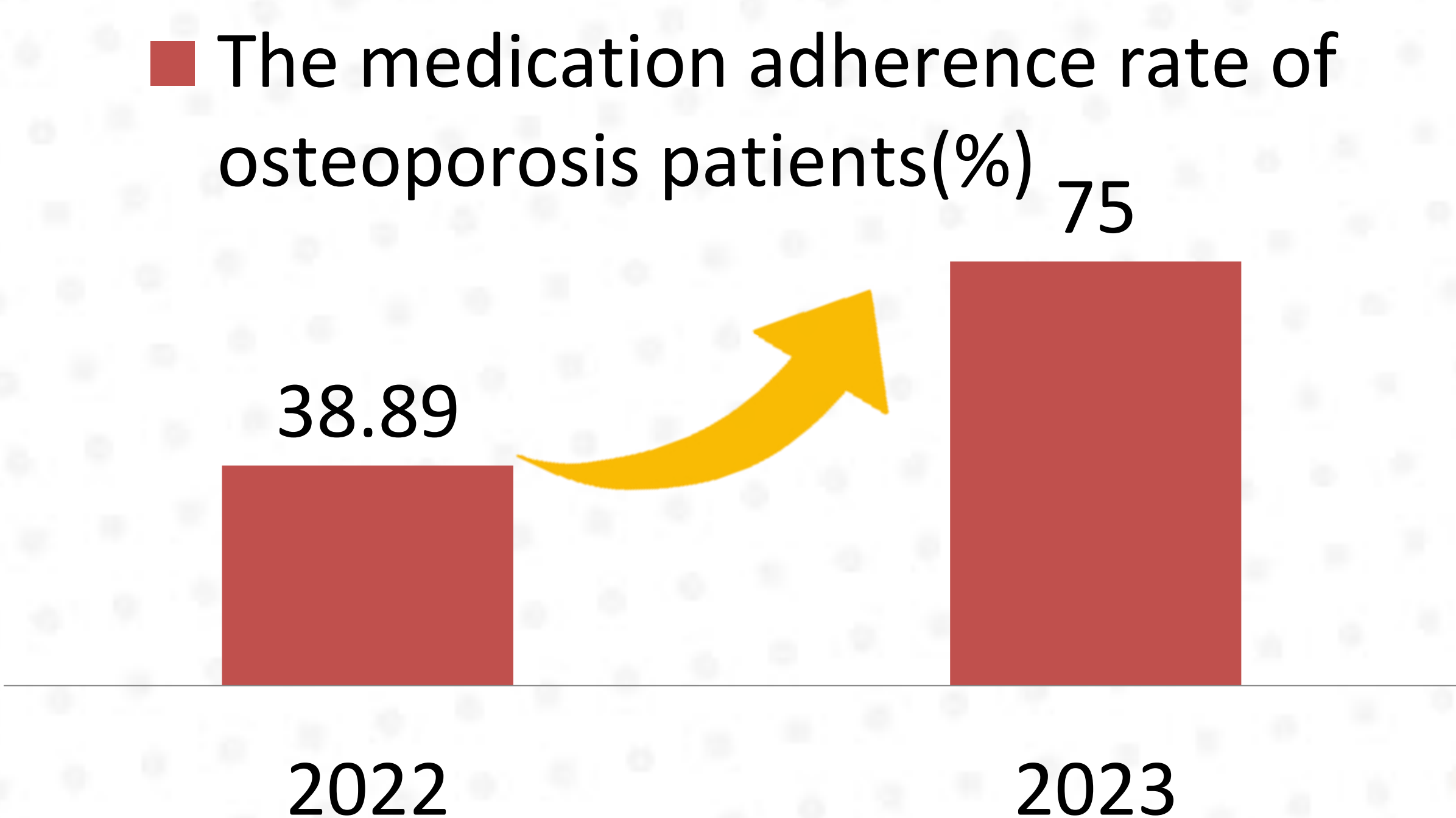
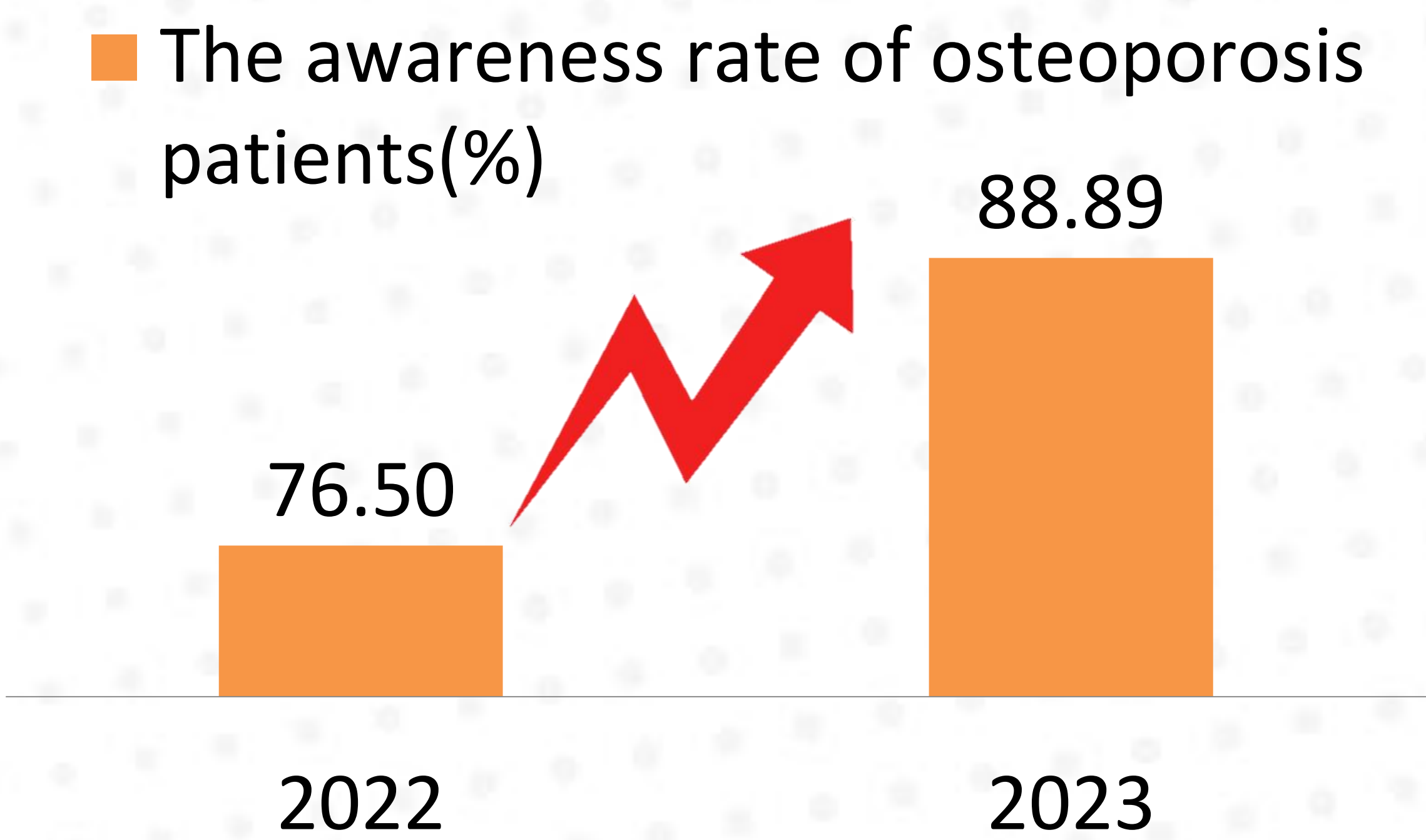
With the aging population, osteoporosis has become the second largest category of disease globally. Research indicates that effective use of osteoporosis medications can reduce the risk of fractures by 30-70%. According to data from the Central Health Insurance Administration, the treatment rate for osteoporosis is close to 40% for both males and females. As of June 2022, our hospital's medication treatment rate is only 38.89%. We hope to increase the medication rate for osteoporosis patients through a case management model.

Methods

Collaborating with the Benchmark Learning and Information Department, we have established a case management system to conduct fracture risk assessments for patients. We emphasize to patients the severity of recurrent fractures and the importance of continued medication use. Individualized health education is provided to address patients' insufficient knowledge. Regular follow-up calls are conducted to monitor medication and non-medication adherence. Conduct quarterly meetings to discuss and analyze issues, and propose improvement methods.



Results



Conclusions

The prevalence of osteoporosis places substantial demands on societal and healthcare resources. Utilizing case management models that provide personalized health education has demonstrated significant efficacy in enhancing medication adherence among patients. Osteoporosis represents a critical public health concern that cannot be overlooked. Proactive initiatives in osteoporosis prevention and management are crucial for reducing fracture risks, minimizing elderly disability, and mitigating healthcare and family expenditures, thereby fostering a mutually beneficial situation among society, healthcare systems, and families.

Keywords Osteoporosis 、 awareness rate 、 medication adherence