

Summary

Business Administration of PET Facilities: A Nationwide Survey for Prices of PET Screening and a Cost Analysis of Three Facilities

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The purpose of this study is to analyze the business administration of PET facilities based on the survey of the price of PET cancer screening and cost analysis of PET examination.

The questionnaire survey of the price of PET cancer screening was implemented for all PET facilities in Japan. Cost data of PET examination, including fixed costs and variable costs, were obtained from three different medical institutions.

The marked price of the PET cancer screening was ¥111,499 in average, and the most popular range of prices was between ¥80,000 and ¥90,000. Costs of PET per examination were accounted for ¥110,675, ¥79,158 and ¥111,644 in facility A, B and C, respec-

tively. The results suggested that facilities with two or more PET/CT per a cyclotron could only secure profits.

In Japan, the boom in PET facility construction could not continue in accordance with increasing number of PET facilities. It would become more essential to analyze the appropriate distribution of PET facilities and the adequate amount of PET procedures from the perspective of efficient utilization of the PET equipments and supply of PET-related healthcare.

Key words: Positron emission tomography, Cancer screening, Cost analysis, Business administration analysis.