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Barriers and Challenges of an Outsource Hospital Foodservice Operation: A Narrative Thematic Analysis (2022) *Malaysian Journal of Medicine and Health Sciences*, 18, pp. 97-107. Cited 3 times.

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Abstract

Introduction: Hospital foodservice is one of the key performance metrics that should be constantly monitored to maintain and improve the quality of hospital services. However, hospital foodservice must overcome obstacles and constraints that can impact the quality of services supplied. This study explored the barriers and challenges foodservice employees encountered during food production and serving meals to patients. Methods: A qualitative study was conducted with thirteen foodservice employees (N = 13) at a government hospital in Selangor, Malaysia, that outsourced its foodservice operations. The interviewees were chosen based on inclusion and exclusion criteria. The interviews were audiotaped, transcribed, and analyzed using narrative, and thematic analysis. Results: The narrative findings reported foodservice employees were able to define their job in the foodservice department and describe their responsibilities in delivering sufficient quality of service to patients. The findings showed foodservice staff confronts barriers and challenges related to the type of foodservice operation, budget allocation, menu served, employee issues, meal preparation, and equipment. Employees also proposed that the government should regularly revise the foodservice contract specifications, budget allocation, and upgrade the equipment used during meal preparation and delivery to patients for future improvement. Conclusion: Future studies should be conducted in different hospital settings, including government, semi-government and private hospitals or foodservice operation systems such as in-house and outsourced operations or centralized and decentralized plating systems to explore other barriers and challenges that may affect the overall foodservice performance. Therefore, intervention studies can be proposed to improve their operation in the future. © 2022 UPM Press. All rights reserved.

Author Keywords

Foodservice; Hospital meals; Narrative analysis; Outsource; Qualitative

References

- Rosario, VA, Walton, K.
 Handbook of eating and drinking (2020) Handbook of Eat and Drink, do
- Sahin, B, Demir, C, Celik, Y, Teke, AK.
 Factors affecting satisfaction level with the food services in a military hospital (2006) *Journal of Medical Systems*, 30 (5), pp. 381-387.
- Al-torky, MA, Mohamed, EA, Yousef, FMA.
 Inpatients' Satisfaction with Food Services in Sohag University Hospital (2016) The Egyptian Journal of Community Medicine, 34 (2), pp. 33-45.
- Otani, K, Kurz, RS, Harris, LE.
 Managing primary care using patient satisfaction measures/practitioner application (2005) *Journal of Healthcare Management*, 50 (5), pp. 311-325.
- Fallon, A, Gurr, S, Hannan-jones, M, Bauer, JD.
 Use of the Acute Care Hospital Foodservice Patient Satisfaction Questionnaire to

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monitor trends in patient satisfaction with foodservice at an acute care private hospital

(2008) Nutrition & Dietetics, 65 (1), pp. 41-46.

- Theurer, VA.
 (2011) Improving patient satisfaction in a hospital foodservice system using low-cost interventions: determining whether a room service system is the next step, p. 32.
 Utah State University; All Graduate Plan B and other Reports
- Wright, ORL, Connelly, LB, Capra, S.
 Consumer evaluation of hospital foodservice quality: an empirical investigation (2006) International Journal of Health Care Quality Assurance Incorporating Leadership in Health Services, 19 (2), pp. 181-194.
- Tappenden, KA, Quatrara, B, Parkhurst, ML, Malone, AM, Fanjiang, G, Ziegler, TR.
 Critical role of nutrition in improving quality of care: an interdisciplinary call to action to address adult hospital malnutrition
 (2013) Journal of the Academy of Nutrition and Dietetics, 113 (9), pp. 1219-1237.
- Mustapa, FD, Muzani, M, Ismail, F, Ali, KN.
 Outsourcing in Malaysian healthcare support services: a study on the causes of increased operational costs
 (2006) International Construction on Construction Industry, pp. 1-10.
- Vijayakumaran, RK, Eves, A, Lumbers, M.
 Patients emotions during meal experience: understanding through critical incident technique
 (2016) International Journal of Hospital Research, 5 (4), pp. 113-121.
- Jenster, P V, Pedersen, HS.
 Outsourcing-facts and fiction
 (2000) Strategic Change, 9 (3), pp. 147-154.
- Roberts, J, Henderson, J, Olive, L, Obaka, D.
 A review of outsourcing of services in health care organizations
 (2013) Journal of Outsourcing & Organizational Information Management, 2013 (2013).
- Aminuddin, NF, Vijayakumaran, RK, Abdul Razak, S.
 Patient satisfaction with hospital foodservice and its impact on plate waste in public hospitals in east Malaysia
 (2018) Hospital Practices and Research, 3 (3), pp. 90-97.
- Azeman, AR, Adenan, H, Ripin, A.
 Patient's satisfaction towards private hospital's food service in Melaka (2018) Journal of Hospitality and Networks, 1 (1), pp. 32-36.
- Tamby Chik, C, Zulkiply, NA, Bachok, S. Plate waste in public hospitals foodservice management in Selangor, Malaysia (2018) *Indian Journal of Science and Technology*, 11 (36), pp. 1-5.
- Vijayakumaran, RK, Eves, A, Lumbers, M.
 Understanding patients' meal experiences through staff's role: study on Malaysian public hospitals
 (2018) Journal of Hospital Practices and Research, 3 (2), pp. 50-58.
- Vijayakumaran, R.
 Differences between patients and staff's perception of food provision in malaysian public hospital
 (2012) Menu, Journal of Food and Hospitality Research, 1, pp. 55-66.

- Diez-Garcia, RW, Japur, CC, Medeiros, MAT.
 Food and nutritional care quality indicators in hospital (2013) Journal of Hospital Administration, 2 (3), p. 132.
- Collins, J, Huggins, CE, Porter, J, Palermo, C.
 Factors influencing hospital foodservice staff's capacity to deliver a nutrition intervention

 (2017) Nutrition & Dietetics, 74 (2), pp. 129-137.
- Kim, K, Kim, M, Lee, K-E.
 Assessment of foodservice quality and identification of improvement strategies using hospital foodservice quality model
 (2010) Nutrition Research and Practices, 4 (2), p. 163.
- Riessman, CK.
 Narrative analysis
 (2005) Narrative, Memory and Everyday Life, pp. 1-7.
- Ahmed, OM, Rab, EJ, Redmond, E, Hewedi, M, Wingert, A, El, MG.
 Food production and service in UK hospitals
 (2015) International Journal of Health Care Quality Assurance, 28 (1), pp. 40-54.
- Chon, K, Maier, TA.
 (2009) Welcome to Hospitality: An Introduction,
 3rd ed. New York: Delmar Cengage Learning. ISBN: 9781428321489
- Puckett, RP.
 (2004) Food service manual for health care institutions,
 3rd ed. San Francisco, CA: John Wiley & Sons. ISBN: 978-0-787-96468-9
- Gregoire, MB.
 (2017) Foodservice organizations: a managerial and systems approach,
 9th ed. New Jersey, NJ: Pearson Prentice Hall. ISBN-13: 9780134017723
- Payne-Palacio, J, Theis, M.
 (2009) Introduction to Foodservice, p. 714.
 11th ed. New Jersey, NJ: Pearson Prentice Hall; ISBN-13: 9780135008201
- Azadi, F, Azami, SR, Ghaziasgar, M, Pakdaman, M, Ansari, B, Zadeh, NS.
 The quality of food services through three various methods among selected hospitals affiliated to Tehran University of Medical Sciences, Based on the Servqual Model

(2014) Journal of Health Policy and Sustainable Health, 1 (4), pp. 115-120.

- Silverman, MR, Gregoire, MB, Lafferty, LJ, Dowling, RA.
 Current and future practices in hospital foodservice
 (2000) Journal of the American Dietetic Association, 100 (1), pp. 76-80.
- Yang, I-S, Park, S-Y, Kim, H-A, Park, M-K, Shin, S-Y, Lee, H-Y.
 Strategic planning for the contract-managed hospital foodservice through QFD methodology
 (2003) Korean Journal of Community Nutrition, 8 (5), pp. 744-745.
- Hartwell, H, Edwards, JSA.
 A preliminary assessment of two hospital food service systems using parameters of food safety and consumer opinion
 (2001) The Journal of the Royal Society for the Promotion of Health, 4 (121), pp. 236-242.
- Hartwell, HJ, Edwards, JSA, Beavis, J.
 Plate versus bulk trolley food service in a hospital: comparison of patients'

satisfaction

(2007) Nutrition, 23 (3), pp. 211-218.

 Jamaluddin, R, Manan, NAA, Basri, AM, Karim, MSA. Patients' satisfaction with the bulk trolley system in a government hospital in Malaysia

(2010) Leadership in Health Services, 27 (4), pp. 229-315.

Drain, M.

Quality improvement in primary care and the importance of patient perceptions (2001) Journal of Ambulatory Care Management, 24 (2), pp. 30-46.

• Capra, S, Wright, O, Sardie, M, Bauer, J, Askew, D. The Acute Hospital Foodservice Patient Satisfaction Questionnaire: the development of a valid and reliable tool to measure patient satisfaction with acute care hospital foodservices (2005) Foodservice Research International, 16 (1-2), pp. 1-14.

 Assaf, A, Matawie, KM, Blackman, D. Operational performance of health care foodservice systems (2008) International Journal of Contemporary Hospitality Management, 20 (2), pp. 215-227.

• Edwards, D, Carrier, J, Hopkinson, J.

Assistance at mealtimes in hospital settings and rehabilitation units for patients (>65 years) from the perspective of patients, families and healthcare professionals: A mixed methods systematic review

(2017) International of Nursing Studies, 69, pp. 100-118.

Walton, K, Williams, P, Tapsell, L.

What do stakeholders consider the key issues affecting the quality of foodservice provision for long-stay patients?

(2006) Journal of Foodservice, 17 (5-6), pp. 212-225.

- (2016) Center of Disease Control and Prevention,
- Fernando, GHS, Wijesinghe, CJ.

Quality and standards of hospital food service; a critical analysis and suggestions for improvements

(2017) Galle Medical Journal, 22 (2), p. 17.

• Fernando, GHS, Wijesinghe, CJ.

Patient perceptions on hospital food service at Teaching Hospital, Karapitiya (2016) Galle Medical Journal, 20 (2), p. 13.

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