

Pre-Appointment Mobile Laboratory Testing for Management of Geriatric Patient: A Way for Increasing Quality of Service

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Abstract

Laboratory investigation is usually important for diagnosis of the patient. In general, the patient has to visit to the laboratory at the hospital for receiving specimen collection and investigation. This process might not be convenient for geriatric patient. To increase quality of service, the active service is needed. The pre-appointment mobile laboratory testing for management of geriatric patient is a good example.

Keywords: Mobile, Laboratory, Geriatric, Laboratory.

Introduction

Laboratory investigation is usually important for diagnosis of the patient. In general, the patient has to visit to the laboratory at the hospital for receiving specimen collection and investigation. This process might not be convenient for geriatric patient. To increase quality of service, the active service is needed. The pre-appointment mobile laboratory testing for management of geriatric patient is a good example.

Mobile laboratory

Mobile health care is an important concept at present. Yu et al. noted that “*Current literature supports that MHCs are successful in reaching vulnerable populations, by delivering services directly at the curbside in communities of need and flexibly adapting their services based on the changing needs of the target community* [1].” Mobile laboratory is an important concept in laboratory medicine. It is usually designed for serve the case that needs laboratory test but not convenient to visit to the hospital. It is also already applied in laboratory medicine business for making profit as checking up team. The mobile laboratory is proven a way for decreasing workload at the hospital but it requires a good setting and investment of mobile laboratory unit.

Pre-appointment test for geriatric patient

In geriatric medicine, it is necessary to give a fast service at the lowest risk to the patient. Pre-appointment test for geriatric patient is an important recommendation. In geriatric patient, fasting for a long time and waiting at the hospital for getting laboratory test might increase risk. A sudden death during blood collection is already reported [2]. The Pre-appointment test for

geriatric patient is a way that increase safety but it requires a good appointment system. However, this system requires more than 1 visit for the geriatric patient to have one visit for getting laboratory test and the other visit for seeing the physician.

Pre-appointment mobile laboratory testing for management of geriatric patient

Pre-appointment mobile laboratory testing for management of geriatric patient is a new way to support the elderly. In many areas, this kind of active management team set and it can help decrease crowdedness at hospital. It is also useful for promoting of social distancing during the COVID-19 outbreak period.

For running of the process, the good planning is needed. Complete data is required and it should be a good system for appointment. The team has to group the laboratory request data and plan to the travelling route to achieve the most cost-effective process in each mobile laboratory trip.

Conflict of interest: None

References

1. Yu SWY, Hill C, Ricks ML, Bennet J, Oriol NE. The scope and impact of mobile health clinics in the United States: a literature review. *Int J Equity Health*. 2017; 16: 178.
2. Wiwanitkit V. Case of sudden death in venipuncture clinic. *Phlebology* 2004; 4:193.