



# Assessment the Requirements and Competency of Nurses and Physicians in Plan 724

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Article Info	ABSTRACT
<b>Article type:</b> Original article	<b>Background and Aim:</b> Delay in the treatment of cerebrovascular accidents will result in irreversible neurology negative effects, which may impose heavy medical costs on the patients and health systems, decrease quality of life and occupational-individual functions. Therefore, timely identification and treatment of cerebrovascular accidents can be effective in reducing its complications.
<b>Article History:</b> Received: 20 January 2020 Revised: 04 March 2020 Accepted: 14 May 2020	<b>Materials and Methods:</b> This was a cross-sectional study, carried out in 724 hospitals of Alborz, Iran in 2019. In this study, the required requirements and competencies of managers and clinical nurses and physicians in two specified hospitals of Plan 724 were evaluated in two stages before and after the establishment of this plan. before and after the implementation of the Plan 724, the requirements and clinical competency of the subjects in Plan 724 were evaluated. The dimensions examined include: awareness about disease symptom based on NIHSS & MRS Scale (D.1), awareness about content of questionnaire for evaluation of venous thrombolytic injection of Alteplase and its correct completion (D.2), awareness about Algorithm on how to serve stroke patients Acute stroke and medicines (D.3), awareness about medical supplies to provide plan 724 service (D.4). Data were collected using a checklist designed by the Nursing Offices of the These hospitals and Alborz University of Medical Sciences. Examination times was one week before the implementation of the plan and one month after its implemented. The requirements of the staff were also collected through individual interviews with the samples.
<b>Keywords:</b> Cerebrovascular accident Competence Nurse Plan 724 Physicians Requirements	<b>Results:</b> 171 clinical nurses from emergency and neurology units, intensive care units, 10 nursing managers and 13 physicians were studied. The requirements and competencies required in 85% of cases before the implementation of the plan in both hospitals is very poor and 15% were good and one month after its implementation of 90% good and 10% very good. Also the most important staffing requirements include periodic training, familiarity with the latest changes in the algorithms of plan, lack of novice staff in the plan, and coordination of various hospital departments in clinical and administrative departments.
	<b>Conclusion:</b> Competence of nurses and physicians are one of the most important prerequisites for successful implementation of this national plan. Given the significant benefits of this plan at the individual and national level, the competencies of all staff involved in this plan should be periodically reviewed. In-service training courses are needed to address deficiencies and continuous upgrading personnel capabilities in this project plan.

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