

# PHYSICAL DESIGN OF A HEMOPHILIA SOCIETY CENTER: AN EXAMPLE FROM TURKEY

Bulent Zulfikar<sup>1,2</sup>, Yusuf Büyükpınarbaşılı<sup>2</sup>, Haluk Zulfikar<sup>3</sup>, Gülen Okumuş<sup>2</sup>, Fatma Bali<sup>2</sup>, Sule Kılıcaslan<sup>2</sup>

<sup>1</sup>Istanbul University, Cerrahpaşa Medical Faculty and Oncology Institute, İstanbulTurkey

<sup>2</sup>The Hemophilia Society of Turkey,

<sup>3</sup>Istanbul Üniversitesi, İktisat Fakültesi, İstanbul-Turkey

## OBJECTIVES

The main purpose of our study is to determine the factors for the most effective and efficient physical structure planning of the hemophilia non-governmental organization centers (NGO). For this purpose, first the needs for an effective and efficient center was determined, then an appropriate physical structure was designed according to the needs. The main factors for an effective an efficient center is listed in table 1. The present study analyzes the factors required for physical features, designing the effective and efficient physical structure, and the application and the continuity of the design.

**Table 1.** The main factors for the effective and efficient physical structure planning for an hemophilia society center

Features According to the Location	Features Related to the Function of the Center	
	Functional Features	Emotional Features
Accessibility of the target population	Functions related to the health services	Use of visual area
Suitability with the social activities	Functions related to the Social Services	Areas related to the state of belonging
To be recognized	Functions related to the Scientific Activities	
Suitability with the service	Functions related to the administrative duties	
Car parking	Functions related to the educational activities	

## MATERIALS AND METHODS

Firstly, the target population was grouped and each group was analyzed according to the expectations from those issues. Then, the internal and external limits were determined, and we applied the study by using “Compact and Combined Services Structuring method”. The detailed expectation study was important for the effective designing of the society center.

## RESULTS AND DISCUSSION

We determined five factors important for an effective and efficient physical structure design:

1. Easy accessibility and easy to access to the public institutions as well as hospitals.
2. Suitability of the physical structure with the mission of the non-governmental organization, target population and the member profile
3. It should maintain the interaction with other institutions
4. It should have the capacity to carry out all the services of the non-governmental organization. The size of the physical structure should be appropriate with the needs. If the physical structure is multi-story, there should be elevator in the building and it should have disabled accessibility.
5. There should be a separate room to provide health service. Besides, there should be separate rooms for seminar organization for the personnel development of the patients and their relatives. Moreover, there should be play areas for the motor development of the infant patients

## REFERENCES

1. Blackman, T., Mitchell, L., Burton, E., Jenks, M., Parsons, M., Raman, S., & Williams, K., The Accessibility of Public Spaces for People with Dementia: A New Priority for the Open City, *Disability & Society*, 2003,18(3), 357-371
2. Evcil, A. N., Wheelchair Accessibility to Public Buildings in Istanbul. *Disability & Rehabilitation: Assistive Technology*, 2009, 4(2), 76-85.

