



Describing Home Care Client Acuity in Istanbul

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TURKEY
A country that combines both the Asian and European continents

Location of TURKEY in World



ISTANBUL



The city which bridges two continents

“Using the Omaha System to Describe Health Problems, Interventions, and Outcomes in Home Care in Istanbul, Turkey: A Student Informatics Research Experience”

- This descriptive study was planned within the Omaha System Partnership for Knowledge Discovery and Health Care Quality.
- ✓ The study team: Semra Erdogan, PhD; Selda Secginli, PhD; Gulhan Cosansu, PhD; Nursen O. Nahcivan, PhD; M. Nihal Esin, PhD; Emine Aktas, MSc; Karen A. Monsen, PhD, RN, FAAN
- ✓ This study was published in CIN: Computers, Informatics, Nursing, 2013

Study purpose and ...

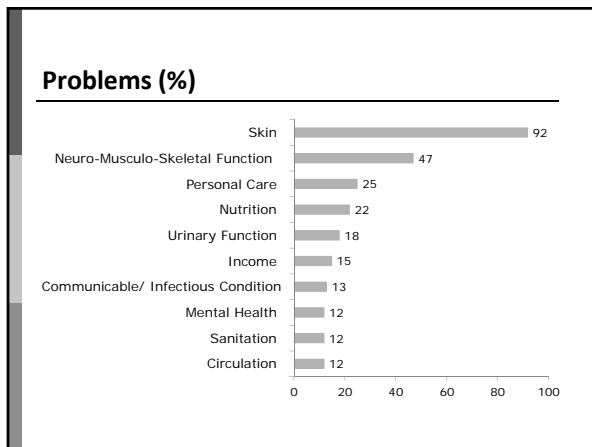
- To provide identify the frequency and type of home care clients’ health problems, nursing interventions, and outcomes using a standardized nursing terminology, the Omaha System.
- A purposive sampling strategy was used to identify clients from these home care centers (n= 598).
- Following the student nurse training, 159 students conducted face-to-face interviews with home care patients
- Students entered Omaha System data from patient interviews into OHEBIS (A Turkish Nursing Information System) to manage data more efficiently at the university computer laboratory.

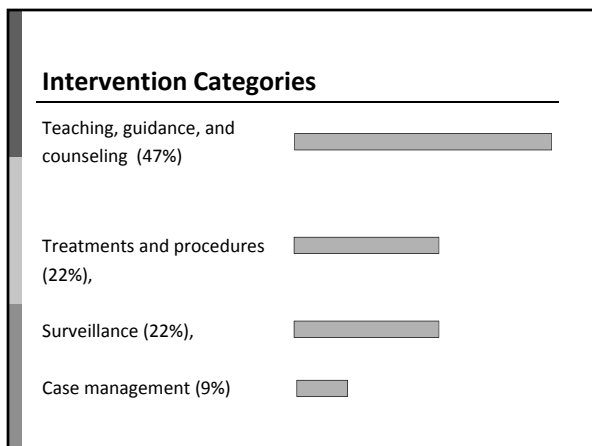
Data analysis

- ❑ Data were queried from OHEBIS and imported into Excel and SPSS.
- ❑ Frequencies and descriptive statistics were used to describe characteristics of the sample, frequencies of problems and interventions, and pre- and post-intervention problem ratings (knowledge, behavior, and status).

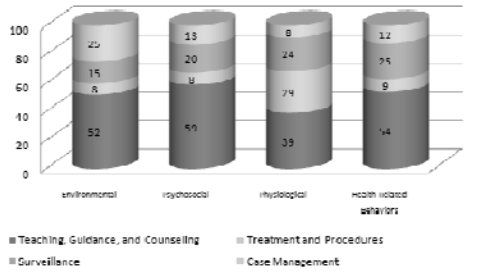
Sample Characteristics

Characteristics		Frequency	%
Gender (n:598)	Women	318	53
	Men	280	47
Age (years) (n:547)	<18	11	2
	19-64	209	38.2
	≥65	327	59.8
Education level (years) (n: 598)	No education	150	25
	Primary school (1-5)	242	40.5
	Middle school (6-8)	42	7
	High school (9-11)	126	21
	University (12 and more)	5	1
	Other*	33	6
Marital status (n: 598)	Married	259	43
	No married /single	96	16
	Divorce /widowed	243	41
Having health insurance (n:585)	Yes	466	79.6
	No	119	20.4

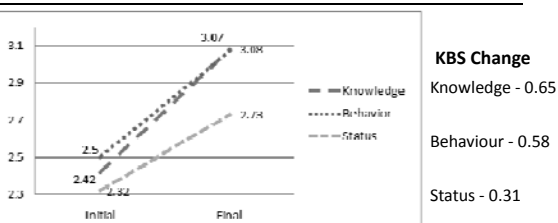




Categories- Omaha System Domains



KBS Initial and Final Ratings for Problems



Last words....

- ❑ In the study, the Omaha System data provided important information about home care patients in Istanbul.
- ❑ The Omaha System allows us to show differences between populations
- ❑ THANK YOU...
