

007: CLINICAL GUIDELINES ROLES IN THE REDUCTION OF PATIENTS' HOSPITALISATION WITH HYPERTONIC DISEASE

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Objective:

To study the impact of the introduction of clinical guidelines on patients' hospitalisation level with hypertonic disease in 17 Family Medicine Centers (FMC), in Bishkek throughout the period of 2002-2003.

Methods:

The methods and approaches used to assess the information were elements of mathematical statistics based on a randomised selection of representative units.

The steps used to study the given problem are as follows:

- Inclusion of "Clinical Guidelines" into the unit "Health Care Quality" by the Accreditation Program;
- The study of diagnostic compliance and patients' treatment with hypertonic disease to "Clinical Guidelines" in health care institutions at the primary level;
- The study of population hypertonic disease morbidity indicators in Bishkek for the period;
- The analysis of patients' with hypertonic disease hospitalisation level in Family Medicine Centers of Bishkek throughout the period of 2002-2003; and
- Output analysis and survey assessment.

Results:

- The level of patients' with hypertonic disease hospitalisation was studied on the conduction of an accreditation process in 17 Family Medicine Centers of Bishkek;

The table shows the number of patients directed to hospitalisation with a diagnosis of hypertonic disease and their specific gravity (in %) out of the total number of patients with the given disease.

| | FMC Name | 2002 | 2003 |
|-----|-----------------|-------------|-------------|
| 1. | FMC_2 | 22 (1,8%) | 14 (1,0%) |
| 2. | FMC_6 | 37 (0,9%) | 24 (1,2%) |
| 3. | FMC_5 | 10 (0,5%) | 8 (0,6%) |
| 4. | FMC_4 | 45 (1,7%) | 22 (0,7%) |
| 5. | FMC_3 | 45 (2,1%) | 36 (1,9%) |
| 6. | FMC_7 | 18 (2,6%) | 8 (1,3%) |
| 7. | FMC_8 | 32 (6,2%) | 26 (4,5%) |
| 8. | FMC_10 | 16 (1,6 %) | 42 (6,2%) |
| 9. | FMC_15 | 61 (7,3%) | 57 (3,1%) |
| 10. | FMC_12 | 15 (3,4%) | 36 (7,7%) |
| 11. | FMC_11 | 47 (4,3%) | 53 (5,2%) |
| 12. | FMC_17 | 21 (6,3%) | 15 (4,0%) |
| 13. | FMC_16 | 73 (10,0%) | 33 (4,3%) |
| 14. | FMC_14 | 25 (7,7%) | 12 (2,7%) |
| 15. | FMC_9 | 54 (6,0%) | 33 (3,0%) |
| 16. | FMC_13 | 9 (1,6%) | 7 (0,6%) |
| 17. | FMC_18 | 25 (2,6%) | 20 (1,9%) |

Conclusions:

- There is wide dissemination and application of clinical guidelines at the primary health care level;
- As a result of diagnostics and treatment according to clinical guidelines the hospitalisation level of patients with hypertonic disease decreased to 22.2% in total;
- In some FMCs there is a hospitalisation level increase which is connected with the formal hospitalisation necessity of some patients registered for disablement.