

**Organizational technologies of medical and social  
care for people 60+ based on individual needs**

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## Regulatory framework

### 1996-2004

The President of the Russian Federation Order "On federal special purpose programme "Older generation"

### 2016:

RF Government directive « Strategy on Action in the Interest of the Older Population of the Russian Federation until 2025»

MoH order "On setting order of medical care provision in geriatric profile"

Methodological recommendations are confirmed on management of patients with senile asthenia in primary health care.

## **Regulatory Framework**

### **2017:**

Russian government direction ” On establishment of the government programme of RF “Healthcare development”: organization of the modern long-term model of health care provision for older population based on principles of multidisciplinary approach “Territory of care”.

### **2018:**

President of the Russian Federation Order

«On national goals and strategic objectives of the Russian Federation through to 2024» Increase life expectancy to 78 years (80 years by 2030)

Government assignment of MoH to conduct research

« Evaluation and development of recommendations for improving medical and social outpatient treatment of patients with multiple chronic non-infectious diseases in cooperation with NDPHS countries

Order of Kaliningrad «On improvement of work for accessibility of medical care for citizens over 60 y.o. who live on the territory of Kaliningrad region».

## **Pilot project's goal:**

Quality improvement of medical and social care provision to elderly population with multimorbidity in primary health care.

## **Conditions to be included into the project**

- ◆ **Age: male and female older than 60**
- ◆ **Patient's ability to visit clinic independently**
- ◆ **Written consent from the patient to participate in the project**

# **Stages of project implementation**

## **Stage 1**

**Work with regional government structures**

## **Stage 2**

**Work with decision makers in municipalities**

## **Stage 3**

**Selection of organizational work model**

## **Stage 4**

**Preparation work in CRH**

## **Stage 5**

**Application into a medical information system**

## **Stage 6**

**Work with patients**

# Models of PHC organization discussed in the Project

## MODEL 3

**3.**  
District physician for all assigned population in spite of age

General practitioner adds not less than 1 nurse for work with patients 60+

Not less than 1 additional nurse for work with patients 60+

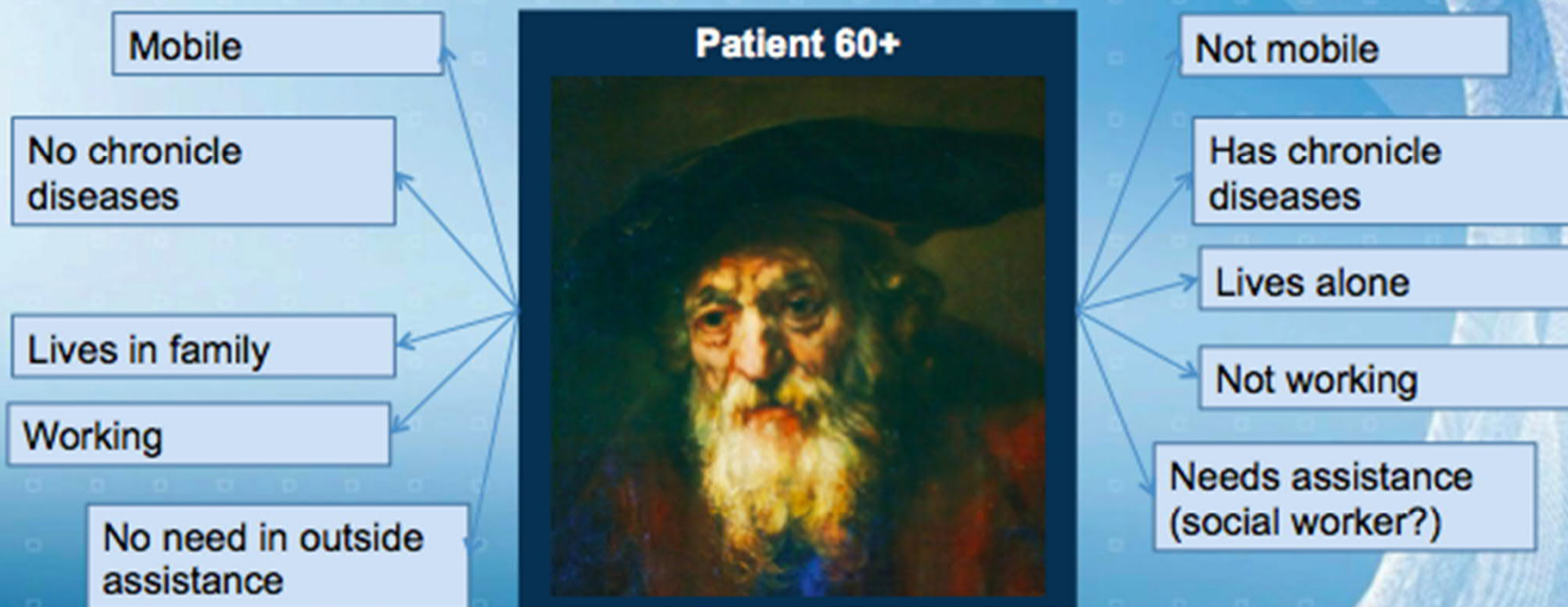
Requirements for medical staff preparation:  
General practitioner with training in geriatrics  
Nurses with training in geriatrics

Conditions for model implementation:

1. Middle or low population density or few doctors
2. Availability of enough number of mid-level medical staff

# Individual characteristics of elderly patients groups

FOLLOWING CHARACTERISTICS ARE CONSIDERED IN DETERMINATION OF PATIENTS' NEEDS

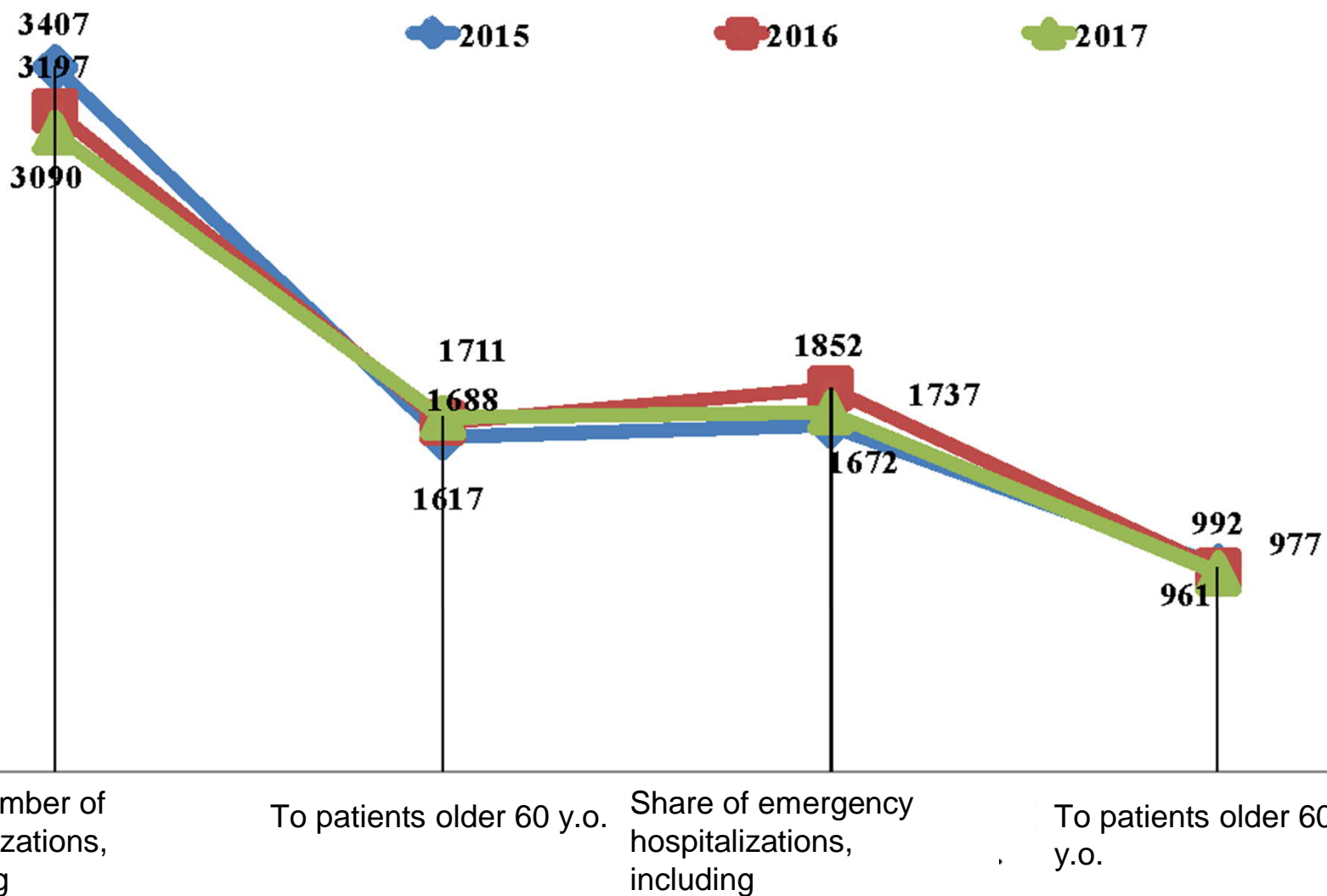


1. It is necessary to create multidisciplinary teams

2. It is necessary to develop personalized technology

3. It is necessary to stratify patients for different service types

## Dynamics of hospitalization cases among patients 60+





## Dynamics of hospitalization cases of patients 60+ per diseases

Title	2015 year		2016 year		2017 year	
	Older than 60 y.o.	%	Older than 60 y.o.	%	Older than 60 y.o.	%
<b>Total</b>	<b>1789</b>		<b>1643</b>		<b>1658</b>	
<b>Cancer</b>	<b>34</b>	<b>1,9</b>	<b>42</b>	<b>2,5</b>	<b>48</b>	<b>2,9</b>
<b>Endocrine diseases, including</b>	<b>46</b>	<b>2,6</b>	<b>32</b>	<b>1,9</b>	<b>53</b>	<b>3,1</b>
<b>Diabetes</b>	<b>34</b>	<b>73,9</b>	<b>30</b>	<b>93,7</b>	<b>53</b>	<b>100,0</b>
<b>Circulatory diseases, including</b>	<b>895</b>	<b>50,0</b>	<b>832</b>	<b>50,6</b>	<b>801</b>	<b>48,3</b>
<b>With increase of Arterial pressure</b>	<b>162</b>	<b>18,1</b>	<b>121</b>	<b>14,5</b>	<b>144</b>	<b>17,9</b>
<b>Ischemic heart disease</b>	<b>453</b>	<b>50,6</b>	<b>393</b>	<b>47,2</b>	<b>379</b>	<b>47,3</b>
<b>Respiratory diseases</b>	<b>86</b>	<b>4,8</b>	<b>102</b>	<b>6,2</b>	<b>94</b>	<b>5,6</b>
<b>Diseases of digestive system</b>	<b>189</b>	<b>10,5</b>	<b>178</b>	<b>10,8</b>	<b>175</b>	<b>10,5</b>
<b>Diseases of musculoskeletal system and connective tissue</b>	<b>65</b>	<b>3,8</b>	<b>182</b>	<b>11,0</b>	<b>258</b>	<b>15,5</b>
<b>Diseases of genitourinary system</b>	<b>103</b>	<b>5,7</b>	<b>83</b>	<b>5,0</b>	<b>87</b>	<b>5,2</b>

## Dynamic of emergency services calls for patients 60+

