

## **Assisted reproductive technologies in Primorsky Krai**

*Mikhailyuk Elizaveta Vyacheslavovna, Simonova Nadezhda Yurievna*

*Pacific state medical university, Vladivostok*

*Tutor - Potekhina Evgeniia Semenovna, Pacific state medical university, Vladivostok*

### **Introduction**

Infertility is one of the most serious problems of reproductive health and for its solution methods of assisted reproductive technologies (ART) are used today. The state support and the legal regulation of the usage of ART are the most important tools of population policy: quantitative and qualitative indexes of birth rate are changing, economic and population processes are modifying, new social and legal norms as well as code of ethics are forming.

### **Aim of the study**

To study the availability of medical care using ART methods within the framework of the basic program of Complete Medical Insurance (CMI) in Primorsky Krai in dynamics from 2011 to 2017 years.

### **Materials and methods**

The material for this research was the data of the electronic waiting list for the direction of citizens of the Russian Federation living in Primorsky Krai for the in vitro fertilization (IVF) procedure within the framework of the basic program of CMI. Statistical processing of data was carried out using the methods of descriptive statistics by calculating average mean (M) and standard deviations of average mean (m).

### **Results**

During the period of research the number of implemented protocols out of public funds (high-tech medical care – HTMC) and funds of the CMI was increased by more than 6.5 times. In 2011 their number was 50, in 2012 – 42 (HTMC – 22, CMI -20), in 2013 – 54 (HTMC – 35, CMI – 19), in 2014 – 57 (HTMC – 30, CMI – 27), in 2015 – 65 (HTMC – 13, CMI – 52). In 2016 the usage of ART (IVF) within the framework of the basic program of CMI was implemented free of charge for patients, according to the Decree of the government of the Russian Federation of 19.12.2015 №1382 "The Program of state guarantees for free medical care for citizens in 2016 ". In addition to it, since 2016 there has been a great increase in the number of quotas allocated by the state: their number was 303 in 2016 and 326 in 2017.

### **Conclusion**

The availability of ART for the population of Primorsky Krai has significantly increased by inserting of ART methods in the list of medical services provided under the basic CMI program, and by increasing the number of quotas allocated by the state for their usage.