



MINISTRY OF HEALTH

SUMMARY 2020

The Ministry of Health worked in 3 main directions in 2020. They are: planned measures (medical care, maternity care, immunization, etc.), secondly, the struggle with the coronavirus disease, and thirdly, the organization of medical care for those wounded as a result of combat actions. The works performed according to the specified directions are presented below.

Program measures of the health system

1. Since January 2019, the surgical treatment of patients with diagnosed malignant neoplasms has been carried out entirely within the framework of the state order, and during the year 9960 operations were performed.
2. Since February 2019, the thrombolytic treatment and mechanical thrombectomy program for acute ischemic strokes of the brain has been implemented under free conditions guaranteed by the state. Since the start of the project, 746 patients have been served within the framework of the state order.
3. In April 2019, the medical aviation service has been introduced with the aim of arranging highest quality emergency medical care for the population in remote marzes, transporting patients by helicopters and organizing specialized medical care in the leading medical centers of Yerevan. So far, 216 flights have been carried out.
4. During 2019, about 15,000 medical workers in the regions and Yerevan received the right to use the social package, which is used today by employees and teachers of state institutions, with the exception of those under annual mandatory medical

examination service. Since June, medical workers of regional ambulance and blood transfusion stations have joined this group: 610 beneficiaries in total.

5. With the aim of improving preparedness of the emergency medical care system, the speed of response, availability and quality of medical care services financing of the “Emergency medical care program” was increased in June 2019 by 500 million Armenian drams (AMD), 250 million AMD of which were allocated to 14 marz medical centers (one brigade each), and the 250 mln AMD were allocated to the “Yerevan Ambulance” CJSC to increase the number of linear brigade by 15. Compared to 2020, the ambulance service budget was increased in 2021 by 16,49 percent.

6. Since June 2019 the radial therapy by free of charge guaranteed by the state and with a more powerful (megaelectronvolt) medical linear accelerator has been provided to beneficiaries, included in the family benefit system, with an 28.01 or higher insecurity score, participants of the Great Patriotic War and their equals, persons cared for in old people's homes and temporary shelters for the homeless, repressed citizens, participants in Chernobyl nuclear power plant accident elimination works, persons subjected to human exploitation (trafficking), arrested and detained persons, those sentenced to imprisonment, children up to 18 years of age and those persons aged 18-23, who were left without parental care. For all population groups, except for the above, the mentioned radiation treatment is carried out on preferential terms, using the co-payment principle. Since the start of the program up to date 6380 sessions have been performed.

7. From July 2019, for children up to 18 years of age the hospital medical care and service, including a number of surgeries performed with the latest and most expensive technologies, have been carried out entirely within the framework of the state order. Previously this opportunity was used by children up to 7 years of age. Since the start of the program up to now 243215 cases have been serviced. On January 1, 2020, the program was expanded, becoming free for children under 18 years of age for consultations and examinations to be carried out in hospitals for the purpose of determining diagnoses with a doctors’ referrals. Thus, thanks to the program the accessibility of the hospital medical aid and service for children has been increased significantly.

8. Since January 2019 (and in June it was expanded) by the Government decision 318-N of March 4, 2004, about 400,0 persons, included in the list of socially vulnerable population and separate (special) groups of population, began to use the improved hospital care package, including 18 types of the latest expensive services.

9. Since August, 2019, out-of-hospital palliative medical service has been introduced within the framework of state order. In 2020 the relevant list was expanded and the state order was introduced in 7 medical organizations: 2 in Yerevan and the others in Ararat, Kotayk, Tavush, Aragatsotn and Vayots Dzor marzes. At the same time the number of beds for the palliative medical care was increased at the National Center of Oncology after V. A. Fanarjyan under the Ministry of Health.

10. A program to support couples with infertility was launched in September 2019 and expanded in 2020, according to which the volumes of medical assistance and services with the use of assisted reproductive technologies have been defined for treatment and overcoming of infertility under free conditions guaranteed by the state. Within the framework of the program nearly 508 couples with infertility have been already provided with relevant services, including services with application of assisted reproductive technologies.

11. Since October, 2019, emergency heart surgery services (Stent for Life) provided free of charge within the framework of the state order have been expanded. After that change, 4340 operations were performed within the framework of the state order.

12. In January 2020, 620 special bags equipped with medical supplies for first medical aid and service were distributed to the primary health care services of the marzes with the aim of improving the quality of service.

13. Since January 2020, funding of medical organizations within the framework of "Medical assistance services to military personnel, as well as rescue workers and members of their families", "Obstetric medical assistance services" and "Urgent heart operations" programs has been carried out on the unlimited budget basis, in

exchange for the actual performance of work. Public tender contracts were signed in accordance with the established procedure.

14. In January 2020, a hemodialysis department with 5 hemodialysis places was opened in Martuni Medical Center of Gegharkunik Marz. All equipment required for the mentioned service has been procured and supplied. The service with contemporary equipment enables the patients in Martuni and Vardenis regions to get hemodialysis therapy near to their settlements. At the same time due to cooperation with private sector a homodialysis department has been opened in the medical center of Hrazdan as well. It is planned to open a similar department in the medical center of Artik.

15. Since February 2020, the out-of-hospital emergency medical care program has been introduced in hospital conditions. Within the this program, emergency care cases that do not require 24-hour supervision in 47 well-equipped medical organizations, are handled by the emergency care service at the reception. Since the start of the program up to now 62241 services have been provided.

16. In February 2020 a three-year program was signed with the world-leading insulin producing Danish “Novo Nordisk A/S” pharmaceutical company. Due to the signing of the contract, about 20560 insulin-dependent patients, registered in the RA and the Republic of Artsakh, were provided with insulin drugs without interruption.

17. Starting from February 2020, 25 titles of drugs instead of previous 14 titles will be purchased for treatment of children and adolescents suffering from pediatric onco-hematological diseases. 24 titles of drugs have already been purchased, and they are provided to relevant patients free of charge.

18. In February 2020, the law "On the reduction and prevention of health damage caused by the use of tobacco products and their substitutes" was adopted with the aim of having a healthy society.

19. In March 2020, the hip dysplasia newborn screening was introduced in 50 medical organizations, which is aimed at early detection of newborn children’s hip replacements and preventing their disability. Up to date 24739 examinations have

been performed.

20. Since March 2020, about 45 children with "pituitary dwarfism" symptoms, registered in Armenia, have been continuously provided with necessary amount of growth hormone medicine with appropriate pen-syringe.

21. Since March 2020, patients diagnosed with aggressive HER2-positive breast cancer of I-III stages receive treatment with the targeted drug Trastuzumab (Herceptin) within the framework of the state program. Since 2020, a new generation, expensive drug "Trastuzumab solution for injection 600mg/5ml," manufactured by the Swiss "F. Hoffmann-LAa Roche" company, is provided free of charge to cancer patients, especially those having a breast cancer. The National Oncology Center has already provided about 1656 vials to 132 patients, thanks to which their quality of life has improved.

22. Since March, prenatal surveillance of pregnant women has been improved due to expanded examinations of high-risk pregnancies, identifying and treating pathological situations with the result of reducing reproductive losses, including spontaneous abortions, intrauterine deaths, stillbirths, maternal and perinatal mortality, congenital malformations, and ensuring the increase of successful pregnancy outcomes with child birth.

23. Since April 2020, within the framework of the state order, the marginal unit of vulnerability of a family entitled to receive medical care and service has become "28.01" instead of the previous "30.01."

24. The procedure for referral of the beneficiaries of "Medical assistance services to military personnel, as well as rescue workers and their family members" program for difficult-to-access hospital and out-of-hospital diagnostic examinations was regulated. Since April 2020 the latest services with application of expensive technologies are provided to persons of the mentioned groups totally by the state order instead of the previous co-payment way.

25. During 2020, it was possible to halve maternal mortality compared to 2019. 8 maternal deaths in 2020 against 12 in 2019.

26. In 2020, the hepatitis C diagnosis and treatment program was launched, within the framework of which around 500 patients with "viral hepatitis C disease," registered in Armenia, were provided with the newest antiviral drugs without interruption.

27. With the aim of making screening examinations, a mobile mammographic device was purchased, which has already been placed in the Lori marz for making free of charge breast cancer tests for the local population.

28. In July 2020, the construction of a new building of the medical center in Martuni started. In 2021, it is planned to lay the foundation of the medical center, maintain engineering networks and continue building the roof.

29. With the funds of the 2020 state budget, the Ministry of Health purchased 30 Toyota Sand Cruisers and 10 Ford Transit ambulances.

30. Modern computer and magnetic resonance imaging devices have been installed in Vanadzor, Dilijan, Sevan, Artashat, Gyumri and Kapan medical centers.

31. From February 2019, the country switched from live oral polio vaccine to brass replacement of inactivated vaccines with the introduction of a single dose of hexavalent vaccine. The latter will contribute to the implementation of the requirements of the polio eradication strategy, namely to ensure the replacement of live poliomyelitis vaccine with inactivated poliomyelitis vaccine by 2020.

32. The Russian Federation donated 2 mobile laboratories to the Ministry of Health. Mobile laboratories are designed to carry out tests using classical biological as well as PCR methods for the detection of pathogens of particularly dangerous infections.

Actions performed in the process of fighting against the coronavirus disease

Anti-epidemic actions

1. Two emergency response plans have been developed and implemented in line with pandemic development phases.
2. Epidemiological examination of suspected and confirmed cases of coronavirus disease, at homes and organizations was carried out. Methodological assistance was provided in organizations to ensure and fully implement the anti-epidemic regime.
3. During the epidemic of the coronavirus disease, continuous epidemiological observation of persons who entered through all checkpoints of the state border of the Republic of Armenia and persons who were in contact with patients diagnosed with the coronavirus disease (COVID-19), as well as persons with a confirmed diagnosis who are asymptomatic or in need of diagnosis confirmation, an observation guide was developed and implemented at special quarantine places.
4. The persons who had contacts with patients diagnosed with coronavirus disease were isolated at quarantine areas with observation of their health state, carrying out laboratory tests, sampling, maintaining relevant data base and undertaking anti-epidemic measures under the 24-hour duty. In the process of quarantine (in February-March) 9,225 citizens were isolated and kept under observation, among whom 3032 (or 32,8%) positive cases were found out. At 30 quarantine areas activities were held with participation of medical personnel and volunteers (about 400 persons).
5. In the case of self-isolation, the health condition was monitored, personal data was collected, entered into the ARMED electronic national unified health system, and provided to the commandant's office to ensure self-isolation.
6. As of December 31, 593,903 laboratory tests have been performed in the Republic of Armenia to detect the coronavirus disease, and 159,409 cases of that amount were registered positive.

7. Laboratory capacity was strengthened by re-profiling, acquiring equipment and reagents, training of specialists. New PCR laboratories were established in Syunik, Lori, Shirak, Tavush, Gegharkunik marzes, as a result enabling to process more than 2000 samples a day, compared with 300 ones in the initial period. PCR laboratories were created and equipped in the Pulmanology center at "Arabkir" medical complex, enlarging the volume of analyses carried out there.

8. Epidemiological monitoring is continuously carried out in 119 medical organizations with the aim of preventing nosocomial infection of the coronavirus disease in medical organizations. Recommendations, based on the revealed gaps, are submitted to the concerned agencies. In the process of monitoring methodica and practical assistance is provided to medical organizations with the aim of effective introduction of safety rules and infection control components. As a result, a 1.6-fold decrease in the number of cases of coronavirus among the staff of the medical organizations was observed within a month.

9. Based on the multifaceted epidemiological analyses of the coronavirus disease, proposals were continuously submitted to the Ministry of Education and Science regarding the activity of pre-school organizations, secondary and higher educational institutions and, if required, termination of such activity. Trainings were organized for the staff of schools and pre-school organizations for introduction of sanitary and epidemiological rules.

10. A 24/7 "Operational Call Center" was established in March, which operated until June 2020. During that period, 83,092 calls from citizens were served. Calls to the indicated phone number are now transferred to the hotline of the Ministry of Health.

11. An real-time electronic system to collect the coronavirus-related information was created.

Reprofiling and equipping medical centers, their personnel potential

12. About 30 medical institutions in Yerevan and marzes have been re-profiled and are occupied for coronavirus disease. About 3,000 beds were added, 377 of which in intensive care units.

13. Nearly 5,000 medical workers were engaged in providing medical care and services for patients with coronavirus disease.

14. Information on the cases getting medical aid in hospitals, including those with pneumonia, oxygen dependent, requiring intensive care and resuscitation measures, as well as those connected to ventilation devices, is collected in the 24-hour mode.

15. Guidelines and orders regarding the coronavirus disease sampling, treatment, discharge have been elaborated and introduced. "Procedure for organization of medical care and service for patients with coronavirus disease in outpatient conditions" was approved, according to which the medical surveillance of COVID-19 patients with asymptomatic and mild course of coronavirus disease and persons in close contact with them shall be carried out by primary health care institutions.

16. Sampling and transportation of patients with suspicion of COVID-2019 by mobile brigades by means of ambulance service vehicles (drivers included) has been regulated.

17. Necessary protective equipment (mask, gloves and disinfectant) has been provided to the medical staff.

18. Within the framework of the fight against the coronavirus epidemic, the building of the Forensic Medical Research Center located in the city of Abovyan, Kotayk marz, was repaired and re-equipped to carry out autopsies of people who died from the coronavirus infection and infectious diseases.

19. A module with about 35 waiting rooms was designed and built at "Nork" infectious disease clinical hospital, and a new computer tomography building was also constructed.

20. One of the operating rooms at "Surb Grigor Lusavorich" Medical Center was re-profiled as a delivery room and equipped with a gynecological table, doppler device,

instruments and supplies necessary for childbirth, a neonatal intensive care and resuscitation center.

21. The laboratory of "Surb Grigor Lusavorich" Medical Center was equipped with the necessary devices to conduct polymerase chain reaction (PCR) tests.

22. A new intensive care unit with 40 beds was established at "Erebuni" medical center.

23. At the expense of Ministry of Health, the Mikayelyan University Hospital built and arranged a new 140-bed department, within which 40 beds were provided for resuscitation.

24. The new resuscitation department of "Surb Grigor Lusavorich" medical center is ready for operation with 50 newly placed beds.

25. In "Arabkir" medical complex, a new isolation ward was built in 14 days for reception of children with suspected COVID. The isolation ward has 8 wards and 16 beds.

26. The list of medical organizations (classified by zones), performing medical surveillance of the contacted persons in the out-hospital (home) conditions and the doctors, performing continuous surveillance of the persons, who contacted people with COVID-19, and the regulation for medical surveillance of the concated people in the out-hospital (home) conditions have been approved.

27. Training courses for the medical staff have been organized since March. In total about 10,000 participants were involved in the coronavirus disease related courses.

28. About 50 specialized international webinar discussions, related to the new coronavirus infection, have been held with total 7400 participants.

29. An online medical council platform has been created and launched to provide

professional advice on the treatment of the coronavirus disease for medical workers.

30. An information base of medical workers was created, by which nearly 4500 applications were collected: 1600 medical workers (doctors, nurses, orderlies, residents, students), others with other specialties. According to the applications submitted by the medical institutions, around 600 volunteers were involved in the works.

31. In case of the emergency situation, with the aim of providing medical care and service to the population in the conditions of coronavirus Covid-19 disease it was allowed by the government decision to engage medical workers without appropriate specialization, qualification and who have not been re-trained in the process of providing medical care and services.

32. 69 foreign specialists arrived in Armenia, including 17 from Germany, 18 from France, 5 from Russia, 11 from Italy, 11 from Italy and 7 from the United Kingdom. They are anesthesiologists-reanimatologists, intensive therapy specialists, infectious disease specialists, epidemiologists, secondary medical personnel.

33. On the national level a data base of personnel, infected by COVID-19 in the medical institutions, was created. Proposals, based on monthly analyses, are made with the aim of decreasing the cases of professional infection in the mentioned institutions.

34. Since December 31, 2020, the Ministry of Health has begun the process of centralizing emergency services. In the first phase of that process Patients with the coronavirus disease are transported to medical centers by ambulance service brigades operating under the ministry.

Acquisition of devices, necessary accessories, medicines

35. The Ministry of Health has acquired and distributed 194 artificial ventilation devices.

36. About 1,000 personal oxygen concentrators were acquired and distributed.
37. 80 patient monitors were distributed among medical institutions.
38. About 500 pulse oximeters, 20 laryngoscopes, 150 automatic injectors and 200 oxygen flow meters were acquired and distributed.
39. Armenia acquired 16 large oxygen producing units.
40. With the aim of increasing the efficiency of works of the National Center for Disease Control and Prevention SNCO under the RA Ministry of Health, additional 5 ambulance vehicles, as well as 6 all-terrain vehicles have been procured. 20 ambulances have been also procured and distributed :
41. The Scientific Center of Traumatology and Orthopedics, National Center of Pulmonology, National Center of Pulmonology, Surb Astvatsamayr Medical Center, the "Nork" Infectious Clinical Hospital, the "St. Grigor Lusavorich" Medical Center and the Hospital of the Medical Department of the Armenian Police, "Dilijan" Medical Center CJSC, Martuni Medical center, Vedi Medical Center and Spitak Medical Center were provided with one ultrasound examination device each.
42. Mobile digital X-ray units have been provided to "Surb Grigor Lusavorich" medical center of the RA MoH, "Surb Astvatsamayr" medical center and the Scientific Center of Traumatology and Orthopedy one each, and "Nork" infection clinical hospital received two mobile digital X-ray units. Four mobile digital X-ray units were purchased for regional (marz) re-profiled hospitals and delivered to medical centers in Spitak, Vedi, Martuni and Dilijan ("Irving" MC).
43. 3 stationary digital radiography and fluoroscopy X-ray equipment along with uninterruptible power supply equipment have been procured. In addition, 4 digital mobile X-ray devices and 3 mobile ultrasound examination devices were also purchased.

44. Devices necessary for fighting against Covid-19 have been collected from medical organizations of regional subordination to distribute among the selected medical centers involved in the process of disease management. In total, the material and technical base of 5 reorganized hospitals was replenished with 31 titles of approximately 1000 units of medical equipment and accessories.

45. Antibiotics, injection solutions, analgesics, non-steroidal anti-inflammatory, anesthetic, sedative, anti-allergic and anaphylaxis, cardiovascular, diuretics, antihypertensive, anesthetic, anti-nausea and blood coagulation-regulating drugs, related to the coronavirus disease, have been procured and distributed among the intensive therapy and intensive care units.

46. Antiviral drugs "Hydroxychloroquine 200 mg, Lopinavir-Ritonavir (Alupa), Toncilizumab (Actemra) 200 mg, 80 mg, Remdesivir 100 mg, Favipavir 200 mg" were acquired and provided to re-profiled medical centers.

47. For the prevention and treatment of the Kawasaki disease among children, caused by the coronavirus, procurement of Ogtgam medicine has been organized and provided to the re-profiled medical centers.

48. After the approval of the "Clinical guidelines for the management of outpatient pneumonia," drugs included in the aforementioned guidelines were purchased and provided to the medical facilities of Yerevan and marzes.

Development of guidelines, international cooperation, public awareness

49. During the development of temporarily unrestricted economic activities, safety rules for prevention of the spread of the coronavirus disease (COVID-19) have been developed for office conditions, construction sites, places of trade, wholesale and retail trade facilities, customer service facilities in the service sector, public catering facilities, medical care and in service organizations, sports facilities, hair salons and beauty salons, in the sphere of arrangement of other services, companies in the field of open pit operation, preschool education institutions, in the passenger

transport activities.

50. Methodological guidelines on the procedure for using N95 masks in laboratory conditions related to the coronavirus disease (COVID-19) in bio safety/ life safety and the medical organizations, as well as the measures to increase the effectiveness of their use have been developed and approved.

51. The principles of disease prevention in nursing homes, orphanages, psychiatric institutions, detention centers and military units were developed, and since March the visiting such places have been banned on the basis of the mentioned principles.

52. With the aim of increasing the coronavirus infection-related awareness among medical workers and the population, as well as for the safe and effective struggle against it, 57 awareness posters were made or translated and localized, 22 social videos were translated and prepared, as well as video courses on the new coronavirus infection were shot.

53. Recommendations for prevention of the coronavirus disease were printed and placed on 60 billboards. Social advertising (29-page scrolling, 59-page poster was placed for 3 months at bus stops.

54. As a result of negotiations with foreign states and international organizations, significant assistance has been received, including devices, diagnostic tests (about 200 thousand), masks (about 1 million) and supplies, as well as specialized teams.

55. Besides the basic medical products and equipment, Armenia also received financial support from China, Switzerland, Poland, Lithuania, the Czech Republic, Japan, New Zealand, the Russian Federation, India, the Republic of Korea, the United Arab Emirates, Serbia, Bulgaria, Romania, France, Iran, as well as from a number of international organizations, including WHO, EU, UN World Food Program, USAID, UN Children's Fund, Asian Development Bank, World Bank, etc.

56. Exchange of information, knowledge and experience and cooperation with

neighboring countries - Georgia and the Islamic Republic of Iran, as well as the Russian Federation, USA, Japan, Korea, Sweden, China, colleagues and diplomatic circles, representatives of the Robert Koch Institute of Germany is in progress. Consultations and video conferences are regularly organized with EAEU, CIS structures, the European Office of the World Health Organization and ministries of health of the member states of the region.

57. The National Institute of Health and the Medical Volunteer Union Against COVID-19 created a platform for medical workers <http://www.covidprotocols.am>, where international guidelines, related to the coronavirus disease, were presented in Armenian.

58. In May-June 2020, a grant application was developed and submitted to the Global Fund to respond to the new coronavirus infection COVID-19, and it was accepted. At the expense of financial funds, oxygen concentrators, patient monitors, ultraviolet lamps, oxygen station were purchased for the National Center for Pneumonia, mobile X-Ray equipment for institutions specialized in diagnostics and treatment of COVID-19, for laboratories, carrying out PCR tests, the reference laboratory of the National Center for Disease Control and Prevention, regional branches of the latter, the reference laboratory of the National Pulmanology Center, the laboratory of "Arabkir" Medical Center, devices and consumables, personal protective equipment, antigen rapid diagnostic tests for CVOD-19. In 2020, the renovation works of the newly established department for the treatment of COVID-19 at the National Pulmonology Center have been started. The construction works are planned to be completed in the first quarter of 2021.

Works performed during the martial law

1. Collecting and summarizing information received from regional (marz) and Yerevan medical aid and service organizations regarding the number of servicemen and persons wounded as a result of combat actions, as well as the occupancy of the bed fund was carried out on a daily basis.

2. 40 civilian medical centers were engaged in treating wounded victims of the war.

3. Medical aid to thousands of soldiers, wounded during the war (76% of the total number of the wounded) was provided by the Ministry of Health.
4. About 3,000 medical workers were involved in providing medical aid and service to the victims of the war.
5. Due to the effectiveness and efficiency of the ground and loop systems for the evacuation of the wounded (more than 80% of the total evacuated wounded), carried out and operated by the Ministry of Health, it became possible to save thousands of lives, bringing the mortality rate of the wounded to 1.65%.
6. MoH "Prof. Hematology Center named after R.O.Yolyan" CJSC and regional blood stations provided uninterrupted blood supply to servicemen and persons wounded as a result of combat operations.
7. Medical care and medicines, included in the basic list, are provided free to persons who participated in the military actions and volunteers. Medicines are provided by regional polyclinics. In the case of volunteers, they must submit certificates on enlistment in the reserve to the local polyclinics.
8. The medical care of the citizens temporarily transferred from Artsakh to Armenia, including those in need of hemodialysis, was organized in the circle of primary health care and hospital organizations.
9. The dental medical assistance to the citizens temporarily transferred from Artsakh to Armenia was organized.
10. With the aim of ensuring safe work of medical workers, in particular, protecting them from toxic effects of white phosphorus, awareness was raised to provide medical workers with necessary personal protective equipment while carrying out medical care and service of the people, who received burns during the military actions and were transferred to the relevant medical organizations.

11. The information received from medical organizations regarding the servicemen injured during the military actions, whose wounds may lead to disability, was collected and summarized. The information has been forwarded to the responsible departments.

12. Inventory and summarization of rehabilitation medical care and service organizations was carried out. As a result, the servicemen and volunteers, who suffered from the military actions, as well as the persons, who took part in defense of the Republic of Armenia, rehabilitation medical aid as for participants of military actions, is carried out within the framework of state order.

13. During the martial law, the data of the citizens who arrived from the Republic of Artsakh and were placed in temporary shelters were adjusted; the organizations that provided shelter (hotels, hostels) were provided with advice on measures to prevent the spread of the coronavirus disease.

14. With the aim of preventing the spread of cases of the coronavirus disease (COVID-19), epidemiological researches and laboratory tests for the coronavirus disease (COVID-19) were carried out among the people temporarily transferred from the Republic of Artsakh to Armenia, appropriate anti-epidemic measures were carried out. Persons with a positive laboratory test, in case of impossibility of self-isolation in the areas of temporary residence, were moved to special quarantine places.

15. A volunteer information base of senior and secondary medical workers, clinical residents and students was created, numbering 1516 medical workers: 1003 senior medical workers, 332 medium level medical workers, 181 junior medical worker.

16. Recruitment of relevant medical specialists and nurses/doctors was carried out, medical teams were composed, including reanimation ones, which moved to medical centers of Artsakh and Syunik marz for transportation of wounded servicemen. The daily number varied from minimum 12 to maximum 22 brigades.

17. An information base of operating room nurses and nurses willing to undergo training of anesthesiologists was created. 11 training courses for nurses were organized.

18. All the hospitals in Artsakh and of the rear were equipped with "life-saving" medical equipment, such as anesthesia devices, oxygen artificial respiration, electric knives, surgical accessories, X-ray devices, etc. In particular, about 2000 pieces of 80 titles medical equipment/supplies were provided to institutions, providing medical care to soldiers.

19. The works of determining the demand, receiving and transportation of the medicines and medical goods, supplied as humanitarian aid during the martial law were coordinated.

20. The works related to receiving, customs clearance, inventory, accounting and distribution of medicines and medical goods received as humanitarian aid to the RA and Artsakh medical centers, as well as providing them to the Artsakh Ministry of Health were organized.

21. The Ministry of Health has acquired another forensic genetic identification research pipeline, which will enable faster organization of DNA research of fallen soldiers.

22. As of December 31, 427 bodies were identified as a result of forensic genetic research.

23. The National Institute of Health together with the Armenian International Medical Committee organized "Modern Military Trauma, from Classification to Treatment", "Echoanatomy of Peripheral Nerves and Neuropathies", "Best Practices in the Management of Patients with Open Abdomen", "Crisis Leadership and Mass Casualty Care", "The Role of Endovascular Balloon Occlusion of Aortic (REBOA) Resuscitation in Military Traumatology" and webinars on other topics, which were attended by several hundred medical professionals in total.