RESPONSE TO THE COVID-19 PANDEMIC
IN THE REPUBLIC OF UZBEKISTAN

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The Caspian Sea

Kazakhstan

Uzbekistan

Turkmenistan

Kyrgyzstan

Tajikistan
On the eve of the year 2020, the humankind faced the global challenge posed by COVID-19 which revealed the economic and political realities of the countries, their preparedness to prevent and act in response to global challenges. The coronavirus infection pandemic has shown that infectious diseases pose a grave threat to the present-day world.

All national governments have been trying to strike a balance between saving human lives and saving their economies. In this most challenging period of the COVID-19 pandemic, a continuous sharing of international experience is the most effective way to join efforts in response to this new challenge to the entire humanity.
Population: 34,190,000 people
Area: 448,924 km²
Average age: 28.6 years
The epidemic situation and COVID-19 spread in Uzbekistan as of October 17, 2020

****** confirmed cases
**** (0.8%) deaths

Out of ***** patients, *** are severe cases,
*** are critical cases.

Republic of Karakalpakstan
Andijon Region
Buxsoro Region
Jizzax Region
Qashqadaryo Region
Navoiy Region
Namangan Region

Samarqand Region
Sirdaryo Region
Surxondaryo Region
Farg'ona Region
Xorazm Region
Toshkent Region
Toshkent City

***** under treatment
***** (95%) recovered

Uzbekistan
PREPAREDNESS STEPS IN UZBEKISTAN

• December 2019: the novel coronavirus outbreak in China reported;
• January 15, 2020: the COVID Response Headquarters established under the Agency of Sanitary and Epidemiological Wellbeing;
• January 30, 2020: the international public health emergency announced by the WHO;
• Daily updates of the situation provided for the civil society sector and regular press-releases issued for the public;
• Infection prevention messages and video clips in the Uzbek and Russian languages released;
• A training exercise for specialists from the entry points conducted jointly with the WHO
• Safety of inpatient health facilities assessed, and an Action Plan to repurpose inpatient health facilities prepared;
For purposes of an effective response to the coronavirus infection, the President of the Republic of Uzbekistan established an **Ad Hoc National Committee** headed by the Prime Minister of the Republic of Uzbekistan.

Basing on the existing needs, the country created a reserve of **test systems**, **personal protection equipment** and **disinfectants**;

**Medical equipment:** ventilators, cardiac monitors, PCR machines.

**Gating systems** were equipped with:
- Portable thermal imagers
- Stationary thermal imagers
- Pyrometers
- Digital thermometers

**PRE-PANDEMIC PERIOD IN THE REPUBLIC OF UZBEKISTAN**
In Uzbekistan, the first case was notified on March 15, 2020.

Tough quarantine measures were taken in the country. All ministries, agencies and civil society were actively engaged in this work.

When the disease was detected, a system of emergency warning was approved.
LARGE-SCALE EFFORTS WERE MADE TO ENSURE PREPAREDNESS OF THE
HEALTH SECTOR FOR THE PANDEMIC

New inpatient facilities
To treat patients with COVID-19, 4 new hospitals for a total of 4,000 beds were constructed.

The integrated laboratory centre
An up-to-date integrated laboratory centre was constructed and made operational

The test system
The National Technology Centre of Excellence designed a domestic test system to diagnose COVID-19

Quarantine zone
A special zone for 20,000 beds was put in place and made operational to isolate contacts

Support fund
The President of the Republic of Uzbekistan put forward an initiative to support the poor which resulted into the Generosity and Support Nation-Wide Movement.

Support of the economy
A number of regulations were adopted to support the economy and entrepreneurship.
The Ministry of Health in partnership with the World Health Organization issued 7 updates of the *National Guidance on COVID-19* which describes needed measures to combat the coronavirus infection.

Ad hoc sanitary rules & regulations were developed and disseminated - they are called *On organizing the work of government bodies and other organizations as well as managing entities in the context of restrictions during the COVID-19 pandemic.*
Videoconferences with top international experts are regularly held as part of the cooperation with the SCO and CIS countries as well as with specialists of other countries.

There is regular sharing of experience with highly skilled physicians from South Korea, China, Russia, Germany, USA, France, including exchanges via telemedicine; and their best practices of medical treatment are widely used.
Sharing of experience with colleagues from other countries

Experts from South Korea, Germany and a group of Chinese physicians, engaged in fighting the epidemic in China, were invited to share their experience.

In addition, 3 teams of Russian physicians worked in Uzbekistan for two months.
Highly skilled Uzbek physicians went to Tajikistan to help the neighboring country to fight against the coronavirus infection. The team included anesthesiologists/resuscitation specialists, lung specialists, epidemiologists, infectious disease specialists and virologists.
CURRENT CHALLENGES

- Lack of up-to-date equipment
- Lack of applied research
- Deficit of skilled human resources
- Outdated monitoring and assessment of risk factors
- Want of modernization of the human resource development and training system
Pursuant to Decree of the President of the Republic of Uzbekistan UP–#6035 of July 25, 2020

ON MEASURES TO MITIGATE THE CORONAVIRUS PANDEMIC AND TO CAUSE THE SYSTEM OF SANITARY AND EPIDEMIOLOGIC WELLBEING AND HEALTH CARE TO BE FUNDAMENTALLY IMPROVED, the Sanitary and Epidemiologic Wellbeing and Public Health Service was established in the Republic of Uzbekistan.

Its Integrated Plan of Activities includes the following efforts and outputs to improve its infrastructure:

- Civil works: construction, reconstruction and total renovation;
- Up-to-date laboratories;
- High-tech equipment;
- Special-purpose equipment;
- Test systems;
- Protection equipment, etc.;
- Recruitment and training of skilled human resources in this area.

Operations to build up capacity and improve infrastructure of the Sanitary and Epidemiologic Wellbeing and Public Health Service and its units are to be financed from the national budget in an amount of UZS 1.7 billion, and out of provided funds of international financial institutions (the World Bank, Asian Development Bank, Asian Infrastructure Investment Bank) in an amount of US$ 194.5 million.
HEALTH CARE INFRASTRUCTURE IMPROVED
OWING TO THE INTERNATIONAL HUMANITARIAN ASSISTANCE

PPE sets
Test systems
Reagents
Consumables

Medical equipment
Laboratory equipment
Pharmaceuticals
The project would include surveillance to monitor the spread of the coronavirus infection, preventive interventions and provision of care in severe and critical cases of coronavirus infection to patients in intensive care units; procurement of essential laboratory consumables, test systems and equipment for COVID-19 diagnosis, with laboratory staff to be provided with additional training in operating the new equipment.

Public awareness and outreach work

The next component of the project would include public awareness and outreach work to inform people about the risks of coronavirus infection and training in how to behave in the case of an infection outbreak; provision of economic assistance to poor families and a lump-sum benefit for the unemployed.
A COVID-19 Emergency Response Project in Uzbekistan

现代医院基础设施现代化和卫生专业人员的培训和职业发展

- 为各自的教育设施提供医疗设备，这些设备将根据此项目进行采购。
- 建立一个应用研究和模拟中心，培训人员进行以下服务，以发展他们的应用技能：
  - 实验室诊断
  - 强化护理
  - 卫生和流行病学服务
  - 感染后康复

现代医院基础设施的现代化和卫生专业人员的培训与职业发展

- 要为冠状病毒感染康复的患者建立一个康复中心，包括呼吸系统障碍、神经系统障碍的康复和心理康复。到目前为止，该国正经历康复设施的严重短缺。
THANK YOU FOR ATTENTION