



COMITÉ PERMANENT DES MÉDECINS EUROPÉENS
STANDING COMMITTEE OF EUROPEAN DOCTORS



The Standing Committee of European Doctors (CPME) gathers COVID-19 related information amongst National Medical Associations on a continuous basis and releases weekly updated status reports¹.

COVID-19 in Europe: Status report from the National Medical Associations

24 April 2020

This report provides an overview of the national responses to the COVID-19 outbreak in Europe and the medical profession's involvement in the fight against the virus*.

Disclaimer: As national situations constantly evolve this report does not claim permanent or comprehensive validity but rather provides a snapshot at a given point in time. The information provided originates from different dates.

* References to Kosovo are without prejudice to positions on status. They are in line with United Nations Security Council Resolution 1244/1999 and the opinion by the International Court of Justice on the Kosovo declaration of independence.

¹ Fields marked with a « 0 » imply that no response has been received so far.

	Availability of PPE
Austria	Equipment of this kind is in high demand in Austria in the course of the epidemic just as in any other European country. Additional equipment has been ordered. The biggest problem is the supply of FFP 2 and FFP 3 masks - both in doctors`offices and in hopsitals; The Austrian Medical Chamber provided doctors`offices with masks and gowns. However, the lack of PPE persists. At the beginning of the crisis Germany blocked the export of masks to Austria.
Belgium	There are shortages across all sectors.
Bulgaria	There is a shortage across all sectors.
Croatia	Equipment availability is improved with regard to the beginning of the epidemic but it is still challenging. Regular additional equipment deliveries are set between the Croatian and Chinese governments. The biggest problem is the supply of FFP 2 and FFP 3 masks. The Croatian Medical Chamber is raising funds for additional PPE supply for its members.
Cyprus	<p>There is a create shortage of PPE in Cyprus now. The stock is limited, and in a few days, we will have only basic PPE.</p> <p>b. We must import everything from abroad. And that is a problem especially after the general shut down.</p> <p>c. Fortunately, today we had a delivery of some extra PPE from a flight that delivered PPE from China to Greece. Some of that PPE wasbdirected to Cyprus.</p> <p>d. By the end of this week we have some more PPE – a full cargo flight with PPE is expected from China. Some of these PPE are a donation from the government of China, some are donations from various companies and the rest is been bought by our government.</p> <p>e. Is very important to say that we had NO response from EU-located companies – countries.</p> <p>f. The Cyprus Medical Association, because of the lack of PPE for our doctors, is ordering more PPE – we are giving most of our money from our bank account, for this order to support our DOCTOR members. Their lives are very precious to us!</p>
Czech Republic	The Czech Republic faced a very difficult situation at the beginning of the pandemic – PPE was only available in specialized departments and generally in shortage. The Czech Ministries of Health and Interior had recently been purchasing PPE primarily from China. Currently, the Ministry of Health and Interior as well as authorities in regional districts are in charge of distributing PPE. The Czech Medical Chamber is also assisting doctors to get the proper equipment. There is still a lack of PPE in the outpatient sector, and the quality of the protective equipment is questionable.

	Availability of PPE
Denmark	<p>For the next 2-3 weeks we have sufficient PPE in the healthcare sector. Denmark has managed to buy PPE from China. As a result of the campaign named "Denmark helps Denmark", a number of Danish companies such as Lego have altered their production to producing PPE and that has increased the capacity.</p> <p>At the same time, it seems as if the pandemic is in control at a suitably low level, so the healthcare sector both has the resources and the capacity to manage the situation.</p> <p>The authorities are still focus on purchasing PPE. The Danish Prime Minister will put the issue on the EU agenda.</p>
Estonia	0
Finland	<p>Equipment of this kind is in high demand in Finland in the course of the epidemic, just as in any other European country. The Ministry of Social Affairs and Health decided on 23 March to open the national stockpile to guarantee the availability of PPE, but shortages still exist. Procurement of PPE from abroad and domestic production has started. Finland has been preparing for a largescale epidemic, tripling ICU beds.</p>
France	<p>There is a shortage, due to which there was an order of masks by the Ministry of Health, also masks are requisitioned from all legal entities and a priority is given to health professionals. There is no policy on the compulsory wearing of masks for the whole population. As to hydroalcoholic gel, French companies of all categories, which have the ability to manufacture it, are participating in the national mutual aid.</p>
Georgia	There is a shortage.
Germany	There is a shortage across all sectors.
Greece	<p>At the beginning of the pandemic, we dealt with a shortage in PPE, but now no specific shortage of PPE is reported. The PPE available in the market is adequate for the doctors in private practice. Some factories in Northern Greece started to produce protective shields, which are available in the market.</p>
Hungary	There is a relative shortage of surgical masks, plastic covers, and suits, as well as an absolute shortage of FFP3/2 respirators.
Iceland	<p>There is a shortage of PPE as in many other countries. The Icelandic government is currently trying to acquire more. Two plane loads of PPE and medical equipment has arrived and the third is expected. One was from private donors, the second and third governmental.</p>
Ireland	There are shortages across all sectors.
Israel	<p>There are problems with procuring PPE, for which a black market has developed; however improvements can be seen. The Ministry of Health is in charge of securing supplies, the army is helping.</p>

	Availability of PPE
Italy	Shortages still persist. Availability is increasing thanks to donations from abroad, from the pharmaceutical industries and other donors. The Civil Protection Department purchased PPE and medical devices thanks to the citizens' donations. Some fashion textile industries converted their production and are now producing face masks and medical gowns.
Kosovo*	There are shortages.
Latvia	PPE are currently produced in Latvia by a joint effort of different institutions and the industry. The initiative has been launched by the president of the Latvian Medical Association. National Health Services are helping with the distribution of equipment.
Lithuania	In the beginning there was a shortage of tests and PPE for healthcare professionals. The situation improved due to the activity of the Lithuanian Medical Association together with the Lithuanian government.
Malta	PPE availability is increasing. However, the situation is still challenging. Should the reproduction rate not exceed 1.1, there should be enough PPE. Supplies are tending to be very challenging. Shipments are blocked in other countries (e.g. being lost in transit countries). It is much more difficult to import PPE as governmental measures of other countries block supplies from being delivered to Malta.
Montenegro	The situation is optimal for now.
Netherlands	There is a PPE shortage.
Norway	There is a PPE shortage for the time being, although testing capacity is improving. As of 17 April Norway still lacks PPE and test capacity.
Poland	There is a PPE shortage.
Portugal	There is limited supply of PPE.
Romania	There is limited supply of PPE.
Serbia	There is enough PPE in healthcare institution; Citizens can purchase a limited amount. In the first 24-48h there was "panic" and after that supply was stabilised.
Slovakia	There is a shortage across the sector.
Slovenia	There is a shortage.

	Availability of PPE
Spain	During the month of March 2020, the almost total absence of some elements of the PPE was critical in various Spanish hospitals. The situation has gone back, and has relatively normalized, but the reprocessing of some equipment is still being considered against the manufacturer's indications (disposable, single-use).
Sweden	Shortages and the recommendations as to which PPEs' are needed vary in healthcare regions.
Switzerland	Problems exist.
Turkey	0
UK	There are shortages despite continued reassurances that more PPE is on the way. The BMA Chair of UK Council has previously written to the Prime Minister to request that "healthcare workers have the proper protection for caring for patients with COVID-19 as well as being given priority testing." The BMA has surveyed members and found that just 12% of hospital doctors said they felt fully protected from the virus at work and that 55% felt pressured to work in conditions without proper PPE. 27% of hospital doctors reported running low on basic anti-infection supplies such as soap. Similarly, for the following PPE supplies, the percentage of BMA members who reported shortages/no supply at all: FFP3 masks (53.7%), FFP2 masks (39%), disposable gowns (43%), full face visors (71%), scrubs (51%)
Ukraine	There are extreme shortages. The Ukrainian Medical Association has written an open letter to the President and Prime Minister demanding the proper protection for doctors, nurses and other workers caring for patients with COVID-19 as well as being given priority testing.

	Testing Protocol: Medical professionals
Austria	The Austrian Ministry of Health announced that testing of medical personnel shall be increased as soon as possible.
Belgium	Medical professionals are tested only when symptomatic.
Bulgaria	There are no specific guidelines.
Croatia	According to the national protocol issued by the Croatian Public Healthcare Institute, healthcare workers are a priority group for COVID-19 testing.
Cyprus	a. The testing protocol is liberal. Anyone who was in contact with proven COVID-19 case without the appropriate PPE, is being tested.
Czech Republic	There is no regular testing for COVID-19 antibodies among healthcare workers. Testing concerns only the workforce operating in long-term care. There are no regular and specific tests among the health care personnel and among the population as the whole. Healthcare facilities use antibody tests for rapid detection made in China (company Innovita).
Denmark	Health care staff in health care and elderly care with light symptoms of Covid-19 – the staff refer themselves as agreed with their superior; Health care staff without symptoms of Covid-19 in institution where infection is found among the clients or the staff; Health care staff without symptoms who have been in close contact with a Covid-19 patient without PPE; Routine test of staff without symptoms in health- and elderly care, institution etc. who has contact with persons in one of the vulnerable groups – under consideration.
Estonia	0
Finland	Medical professionals are mainly tested if symptomatic. The testing volume has been increased but still there are challenges regarding access. According to a members' survey (16 April), one sixth of physicians working with COVID-19 patients have not had access to testing.
France	There is PCR testing only for those with symptoms suggestive of COVID-19
Georgia	They are tested every 2 weeks.
Germany	Medical professionals are tested only when symptomatic
Greece	The testing for medical professionals is revised frequently according to the need arising and as the pandemic progresses. For the moment, we test professionals who have either symptoms or unprotected contact with COVID-19 patient (unprotected means that neither the patient nor the doctor wear surgical face masks). In general, there is a lack of testing capacity.
Hungary	Medical professionals are treated as others - there is limited testing all over the country and no "special treatment".

	Testing Protocol: Medical professionals
Iceland	Doctors are tested only when symptomatic or if they have been in contact with infected individuals.
Ireland	There is some fast-tracking of testing for frontline health professionals.
Israel	The IMA demands more testing for health professionals. In an experiment in one hospital, 13 asymptomatic health professionals were tested positive, thus proving the risk of spreading the disease unintentionally.
Italy	Medical professionals are tested if symptomatic. In some regions, hospital doctors, general practitioners and pediatricians are tested. The priority is given to those that have other diseases (hypertension, diabetes,etc..).
Kosovo*	Doctors are tested only if they are suspected of being infected.
Latvia	Latvia follows the WHO guidelines. All doctors who have been or there is a probability that have been in contact with an infected person are self-isolated and if they are symptomatic, they are also tested. There is no shortage of tests and the testing is broad.
Lithuania	0
Malta	Any medical professional with symptoms is tested on the same day with the results available a few hours later. Malta is doing a lot of testing.
Montenegro	Medical professionals are occasionally prioritized in testing. However, there are not enough tests available.
Netherlands	Randomised testing was in place in the early stages of the outbreak. Now tests are conducted when medical professionals are symptomatic.
Norway	Health personnel is only tested when symptomatic. The Institute of Public Health recommends that persons with acute respiratory, fever, cough or short-winded should be tested according to this priority: <ol style="list-style-type: none"> 1. Patients in need for hospitalization 2. Patients/persons living in health institutions 3. Employees in the health care service with close contact with patients 4. Persons over 65 with other diseases (cancer, diabetes, chronic obstructive lung disease etc) 5. Person that has been in close contact with a person tested positive for COVID-19.
Poland	At present, there is no special protocol. The Polish Chamber advocates for establishing it as soon as possible.
Portugal	0
Romania	Medical professionals are tested only if suspected.
Serbia	Patients/persons living in health institutions are tested.
Slovakia	Employees in the health care service with close contact with patients are tested.
Slovenia	0

	Testing Protocol: Medical professionals
Spain	Officially, at this time, the guiding test is PCR. Rapid tests and conventional serologies are considered “under investigation”, so there are still no guidelines for their use. Reincorporation to the work of health professionals requires a negative PCR and their reincorporation will be done for the care of patients suspected or confirmed of COVID-19. In case of new positive PCR after 14 days of symptoms, it will be repeated every 72 hours.
Sweden	Medical professionals are prioritised but mainly tested when symptomatic.
Switzerland	0
Turkey	0
UK	Following the BMA Chair of UK Council's letter to health secretary Matt Hancock urging priority testing for healthcare workers at the NHS's time of 'greatest need', the government has promised that this will be prioritised. The BMA's latest member survey has revealed that nearly 30% of hospital doctors said their trust did not offer any COVID-19 testing for staff with self-isolating symptoms, and only 18% of members said their trust offered testing for all hospital doctors.
Ukraine	The actual protocol says that only workers with symptoms could be tested.

	COVID-19 prevalence amongst doctors (Infection/death rates among doctors and other health professionals)
Austria	We do not have exact data on this issue. To date, the death of one doctor (GP) is known.
Belgium	No specific statistics on death rates are available so far.
Bulgaria	As of 21 April, there were 966 confirmed cases of which 76 are medical professionals, 45 are deceased, and 170 are healed.
Croatia	12 April 2020 data: General population: 1600 infected/ 23 deceased Healthcare workers: 212 infected (101 nurses, 75 medical doctors, 11 dentists, 11 pharmacists) / 0 deceased
Cyprus	a. Unfortunately, several doctors and nurses had been exposed and tested positive to the virus. 25% of positive cases are health professionals; among 67 infected health professionals in total, there are 15 doctors, 35 nurses and 17 other professionals. b. We had to close 2 major hospitals for a few days just to test staff and patients and regain control of the situation. c. And we have about 25 doctors and around 60 nurses in self isolation waiting to be tested as they were in contact with the proven positive cases without PPE.
Czech Republic	Due to the lack of proper protective equipment during the first phase of the response, there were a lot of healthcare professionals infected and showing symptoms. Data from 20th April in the Czech Republic shows there were 6 950 infected people, of which more than 10% were infected healthcare workers. Of these 716 infected workers, 148 were physicians and 50 have already recovered; 301 were nurses and 50 have recovered and there have been 2 fatalities; 17 were laboratory technicians; and the remaining 250 were other healthcare staff. Healthcare workers are the most affected group of workers in the Czech population. Moreover, most of them do not receive any financial compensation, because the authorities do not recognise it to be eligible for the status of an occupational risk. The Czech Medical Chamber strictly condemns such an approach.
Denmark	A new survey based on tests on health personnel shows that approx. 4% of the healthcare personnel is infected with COVID-19. Approx. 3,5% of the population is infected with COVID-19. The increased incidence is not significant and could be explained by the fact that the healthcare personnel have been tested more than the population in general. About 108,000 persons have been tested, almost 8,000 persons are infected of which 324 are admitted to a hospital. 384 persons have died, and a little more than 5,000 persons have recovered from COVID-19. One general practitioner is dead. We do not know whether he was infected at work.
Estonia	In the main hospital of the island, 41 staff members are infected.
Finland	0

	COVID-19 prevalence amongst doctors (Infection/death rates among doctors and other health professionals)
France	There is no data provided at this date for health professionals. The numbers given are updated daily but not by category (children, elderly, health professionals).
Georgia	Up to this date, we do not have COVID-19 among healthcare workers.
Germany	There are no statistics available on death rates so far.
Greece	170 medical professionals tested positive to COVID-19 with mild symptoms, 1 doctor passed away, but it was not related with COVID-19 patients' treatment
Hungary	There are fewer than 20 confirmed cases, but around 30 in home isolation. However, there is only informal information about deceased health care professionals available. The government does not grant access to this data. No one appears to have died but one is in a severe condition.
Iceland	As of 17 April 2020, Iceland registered 4 doctors as being infected, who are now in quarantine. None have been hospitalized. All infected individuals are followed by a single outpatient clinic with daily phonecalls to check for deterioration and then called in for assessment. The clinic is following 591 individuals on a daily basis of which about 57 are children. The total number of COVID-19 deaths is 8.
Ireland	Figures from 15 April show 9,599 overall cases of COVID-19 in Ireland of which 2,501 (26%) are healthcare workers including 287 doctors (3%).
Israel	294 healthcare workers are infected (3 April 2020).
Italy	As of 22 April 2020, 145 doctors died from COVID-19 infection. The healthcare workers represent 10,6% of the positive tests. As of 22 April there are 18553 infected healthcare professionals.
Kosovo*	Healthcare workers represent almost 4% of those tested positive.
Latvia	As of 03 April, there are 26 COVID-19 cases of healthcare professionals, 4 of which are doctors.
Lithuania	113 medical professionals are infected. 44 doctors are ill. A total of 125 corona virus patients are under treatment in hospitals and 10 of them are in intensive care.
Malta	19 healthcare professionals have been tested positive in hospitals.
Montenegro	Montenegro still has a small number of cases (47). There is no information available for COVID-19 prevalence among professionals.
Netherlands	Early testing showed an infection rate of 4% amongst hospital personnel.
Norway	This is difficult to say as health personnel is only tested when symptomatic. However, the number of health personnel in quarantine is going down.

	COVID-19 prevalence amongst doctors (Infection/death rates among doctors and other health professionals)
Poland	According to official data published on 2 April, in Poland there are 461 healthcare professionals (doctors, nurses, paramedics) with confirmed contagion, and approximately 4 500 professionals are in quarantine at the moment. 1 doctor with SARS-Cov-2 death is known.
Portugal	Healthcare workers represent almost 20% of the persons tested positive.
Romania	The Healthcare workers represent 17% of those tested positive.
Serbia	So far 1 specialist doctor and 1 dentist (in serious condition) are confirmed. More colleagues are in isolation.
Slovakia	No data available.
Slovenia	There are data on infected health professionals, but not separately collected for different professions although these numbers exist. Latest data is 110 in total of 934 infected.
Spain	Some 30,000 health professionals in Spain have been diagnosed with COVID-19 as of mid-April 2020-04-20. 26 doctors have died (as of April 17), 11 pharmacists (as of April 16) and a number not yet determined of nurses.
Sweden	No complete data are available. 5 medical professionals have received ICU care (2 doctors, 3 nurses). One nurses's assistant has deceased.
Switzerland	0
Turkey	0
UK	There is no widespread data available although some smaller scale testing in individual hospitals indicate an infection rate of ~15%.
Ukraine	4 infected doctors out of 136 cases in total as of March 25. Fears exist as to be on the verge of an outbreak.

	Testing Protocol: Testing of doctors` families
Austria	There is no standard testing of family members of medical professionals for the time being.
Belgium	Doctors' families are only tested when symptomatic.
Bulgaria	Doctors' families are only tested when symptomatic, as is the rest of the population.
Croatia	Doctors' families have no priority in testing.
Cyprus	<p>a. The testing protocol is liberal. In the case of a positive test on a doctor, the whole family is tested – if the doctor is still living with the family.</p> <p>b. The aim now is to give shelter to the staff (doctors and nurses etc.) working at the COVID-19 reference hospitals, away from their families.</p> <p>c. For this reason, hotels are housing staff – like self-isolation.</p>
Czech Republic	No testing for medical professionals and their families is being provided.
Denmark	For the population: Patients with light symptoms of COVID-19 infection; Patients with moderate and severe symptoms of COVID-19 infection; Clients without symptoms in institutions where other clients or staff are infected; Patients who are expected to be admitted to a hospital in less than 24 hours regardless of the reason for being admitted; Patients – regardless the cause – who shall receive special treatment in a specialist practice, at a dentist or being an out-patient at a hospital; Persons who have close contact to a COVID-19 infected person – shall be tested on day 4,6 and 8.
Estonia	0
Finland	The same rules apply as for the rest of the population.
France	France increased the testing protocol for frail people and healthcare professionals. On another note, the Pasteur Institute is working on serological blood tests.
Georgia	There is no priority yet for testing doctors' families.
Germany	Doctors' families are tested only when symptomatic
Greece	The procedure of testing also applies as for the general population, provided that the doctor is positive to COVID-19
Hungary	There is no specific testing protocol.
Iceland	Doctors' families are tested along the same guidelines as the rest of the population.
Ireland	Testing for doctors' families is carried out along same guidelines as for the rest of the population.
Israel	Testing for doctors' families is carried out along same guidelines as for the rest of the population.
Italy	Testing for doctors' families is carried out along same guidelines as for the rest of the population.

	Testing Protocol: Testing of doctors` families
Kosovo*	Doctors' families are tested only when symptomatic.
Latvia	At present, the protocol is the same as for the rest of population.
Lithuania	0
Malta	If a doctor is tested positive the family/household is tested.
Montenegro	The same guidelines apply as for the rest of the population.
Netherlands	Families are not tested unless families are symptomatic including fever.
Norway	This is not prioritised.
Poland	At present, there is the same protocol as for the rest of population.
Portugal	Families are tested only when symptomatic.
Romania	Families are tested only when symptomatic.
Serbia	Families are tested along the same guidelines as the rest of the population.
Slovakia	The same rules apply as for the rest of the population. Families are tested only when symptomatic.
Slovenia	0
Spain	0
Sweden	The same rules apply as for the rest of the population.
Switzerland	0
Turkey	0
UK	Only 34.5% of respondents to the BMA`s latest survey said that their trust offered testing for members of the household in which a member has been self-isolating.
Ukraine	No priorities for doctors families exist. Tests are conducted on a common basis in the presence of symptoms of the disease.

	Testing Protocol: Self-isolation of infected medical professionals
Austria	Infected medical professionals have to stay in quarantine, usually for 14 days just as any other infected person upon order of the regional sanitary authority (in line with the Austrian Law on Epidemics).
Belgium	The same rules apply as for the rest of the population.
Bulgaria	0
Croatia	Medical professionals have priority in testing.
Cyprus	a. They have to have two negative tests before they are able to return to work.
Czech Republic	Medical personnel with proven COVID-19 infection have to self-isolate. They undergo the next PCR test after the two-week period. Two negative PCR tests are required to terminate the quarantine.
Denmark	Any persons infected with the corona virus, including medical professionals, must isolate themselves until they no longer have symptoms.
Estonia	0
Finland	The same rules apply as for the rest of the population. If COVID-19 was not diagnosed but doctors show mild similar symptoms, they can go back to work when there have been two days without symptoms.
France	The same rules apply as for the rest of the population.
Georgia	Yes, this applies in case of being in close contact of confirmed case of COVID-19 or in case of unprotected contact while treating a patient with COVID-19.
Germany	The same rules apply as for the rest of the population.
Greece	For suspected COVID-19 cases in doctors there is a 7-day isolation. They can go back to work after the test becomes negative. For positive cases of COVID-19 in doctors, the protocol is the same as for general COVID-19 patients.
Hungary	Infected medical professionals are in isolation by the order of the preventive medical authority. Self-isolation is a preventive measure for contacts with confirmed cases.
Iceland	Self-isolation is mandatory as for the rest of population.
Ireland	The same rules apply as for the rest of the population.
Israel	Over 2000 health workers are in isolation, including 20% medical personnel.
Italy	The same rules apply as for the rest of the population. They need to have two negative tests before they are able to return to work. There are 14 days of self- isolation in case of being in close contact with a confirmed case of COVID-19.
Kosovo*	Doctors self-isolate only when symptomatic.

	Testing Protocol: Self-isolation of infected medical professionals	
Latvia	At present, the protocol is the same as for the rest of population.	
Lithuania		0
Malta		0
Montenegro	Infected medical staff is in isolation for two - four weeks without any obligation to return to work until tested negative.	
Netherlands	Self-isolation is applied when tested positive.	
Norway	Infected health personnel must be in isolation, normally in their home until tested negative.	
Poland	At present, there is the same protocol as for the rest of population.	
Portugal	The same rules apply as for the rest of the population.	
Romania	The same rules apply as for the rest of the population.	
Serbia	The same rules apply as for the rest of the population.	
Slovakia	The same rules apply as for the rest of the population.	
Slovenia		0
Spain	There is a protocol that determines the home quarantine of the healthcare professional in close contact with COVID-19 patients treated without protection. There is a recommendation for daily self-monitoring of symptoms for all professionals caring for COVID-19 patients.	
Sweden	The same rules apply as for the rest of the population. If COVID-19 is not diagnosed but symptoms occur, medical professionals can return to work after two days without symptoms.	
Switzerland		0
Turkey		0
UK	The same rules apply as for the rest of the population.	
Ukraine	The same rules apply as for the rest of the population.	

	Death Reporting/Recording Protocol: How to record deaths due to COVID-19	
Austria	Deaths are reported by local health authorities and collected by the ministry of health. Data is published twice daily. https://info.gesundheitsministerium.at/?l=en	
Belgium	Belgium is including all potential deaths in nursing homes — even if COVID-19 has not been confirmed as the cause of death. Of Belgium’s registered deaths, 44 percent died in hospital (and were tested). The majority of 54 percent died in a nursing home — and only in 7.8 percent of those cases was COVID-19 confirmed as the cause (20 April 2020).	
Bulgaria		0
Croatia	The classification of deaths due to COVID-19 is made on the grounds of the clinical judgment of a competent physician.	
Cyprus		0
Czech Republic	The process of death reporting/recording is based on the positive PCR test. Thus, the number of fatalities due to COVID-19 could certainly be higher.	
Denmark		0
Estonia		0
Finland		0
France		0
Georgia		0
Germany	The Robert Koch-Institut (national public health authority) registers all deaths that were tested positive on SARS-CoV-2.	
Greece	As of 22 April, there are 121 deaths.	
Hungary		0
Iceland	There have been 8 deaths.	
Ireland		0
Israel		0
Italy	In line with the guidelines issued by the Ministry of Health in its circular published on February 2020, all certificates recording COVID-19 as the cause of death shall be accompanied by an opinion of the Istituto Superiore di Sanità (ISS). A working group has therefore been created to study the cause of death of patients who were tested positive for SARS-CoV-2. Only those that were tested positive to SARS-CoV-2 are registered on the statistics as deaths due to COVID-19 - 19.	

	Death Reporting/Recording Protocol: How to record deaths due to COVID-19
Kosovo*	0
Latvia	In order to identify all deaths due to COVID-19 as well as to register COVID-19 as a significant condition contributing to the death in other cases (and to make the data internationally comparable), Latvia is following the principles of international guidelines for certification and classification of COVID-19 as cause of death issued by WHO on 16th of April. Based on the guidelines, the Latvian Centre for Disease Prevention and Control issued the recommendations that are also being disseminated.
Lithuania	0
Malta	0
Montenegro	0
Netherlands	0
Norway	0
Poland	0
Portugal	0
Romania	0
Serbia	0
Slovakia	0
Slovenia	0
Spain	Urgent notification of all COVID-19 cases, both confirmed and probable, as well as their situation (ICU, exitus ...) is mandatory. There is a recommendation to certify clinically and epidemiologically compatible tables as COVID-19, even if there is no confirmatory PCR, in the context of the pandemic.
Sweden	0
Switzerland	0
Turkey	0
UK	0
Ukraine	0

	Availability of medicines (e.g. Propophol)	
Austria	There are no problems or shortages reported so far.	
Belgium		0
Bulgaria	At the moment, there are no shortages.	
Croatia		0
Cyprus	a. For now, no shortage of medicines is being reported. b. In the case of massive numbers of ICU cases, there is a strong possibility for medicine shortage.	
Czech Republic	We have no specific treatment for COVID-19. In general, the Czech Republic does not have a shortage of medicine.	
Denmark	Access to medicines and medical equipment, including ventilators and other equipment is sufficient and under control. The healthcare staff has been busy, but in general, the pandemic has been and is under control, so the healthcare system can keep up. The authorities have started a re-opening of the elective healthcare system and taken up postponed operations.	
Estonia		0
Finland		0
France	There is no stock shortage at the moment, however 1. Hydroxychloroquine is restricted and available with a hospital only initial prescription followed by a possible renewal by any doctor. 2. For Paracetamol there is a limitation of dispensing, and 3. there is a limited drugs prescription renewal.	
Georgia	There is a shortage.	
Germany		0
Greece	There are no medicine shortages so far.	
Hungary	There is no shortage so far.	
Iceland	There is no shortage for now.	
Ireland	There is a shortage of reagents for tests.	
Israel		0
Italy	There is no shortage, apart from a slight shortage of hydroxychloroquine.	
Kosovo*	Certain medicines are in short supply because there is an existing problem.	
Latvia	There is no shortage of medicines.	
Lithuania		0
Malta	There are no reports of medicine shortages.	

	Availability of medicines (e.g. Propophol)	
Montenegro		0
Netherlands	No shortages exist yet. However, essential drug supplies are running low. The availability of essential drugs is monitored.	
Norway	Most medicines are available for the time being.	
Poland	There are no reports of medicine shortages.	
Portugal	The situation is Ok for the time being.	
Romania	Some hospitals in first line have medicines for a few more days, others have medicines for 2 weeks.	
Serbia	There is no shortage of drugs due to the COVID-19 19 pandemic. Certain medicines are in short supply because there is an old problem with suppliers. There are not enough tests, only 5000 symptomatic patients were tested.	
Slovakia	There is a shortage.	
Slovenia		0
Spain	There has been no shortage of drugs, although there is a limitation with anti-leukin drugs.	
Sweden	There is some shortage of drugs. Propophol is replenished from the veterinarians. In order to stop hoarding of prescription drugs, the government does not allow to purchase for more than 3 months.	
Switzerland		0
Turkey		0
UK		0
Ukraine	There is a critical number of antiviral drugs.	

	Availability of Medical Devices (e.g. ventilation devices)
Austria	There are no problems or shortages reported so far.
Belgium	There are shortages of A) ventilators (an additional 10,000 ventilators have been ordered by the government, B) breathing tubes, and C) canulas for ECMO.
Bulgaria	At the moment, the available equipment is sufficient.
Croatia	We have 800 ventilation devices available in Croatia which is quite satisfactory.
Cyprus	<p>a. For now, we do not have shortages of medical devices.</p> <p>b. But this will be a huge problem if we do not manage to stop the spread of the disease.</p> <p>c. We are trying to order more ventilators but there is a big shortage of ventilators worldwide.</p> <p>d. We did however manage to get some extra machines and we hope to have them in time to support us when we reach our ICU capacity.</p> <p>e. We have 50 more ventilators coming from Israel – we have close collaboration with Israel at this difficult time for us. In exchange we are giving Israel Chloroquine – a medication that is being produced in Cyprus in big amounts.</p> <p>f. We have some more ~ 30 ventilators coming from China with the following cargo flights.</p>
Czech Republic	A shortage of ventilators and drugs has not been reported so far.
Denmark	In April, according to the available Danish data; the need for ICUs and respirators decreased slightly.
Estonia	0
Finland	Finland has been preparing for a largescale epidemic, tripling ICU beds. So far, capacity has been sufficient in all parts of the country.
France	0
Georgia	Partially there are enough medical devices.
Germany	There are shortages of A) ventilators (an additional 10,000 ventilators have been ordered by the government, B) breathing tubes, and C) canulas for ECMO.
Greece	There is an increase in ICU beds (existing ICU beds before pandemic: 564, now 850 ICU beds approximately). The Ministry of Health tends to increase the ICU beds further.
Hungary	There are more than 2000 available, as well as ongoing manufacturing and importing of more.
Iceland	The status as to ventilators is now deemed sufficient as is for diagnostic sampling kits (sampling pins).
Ireland	25 ICUs machinerries and 150 beds have been delivered from China. / While 25% of ventilators in the world are produced in Ireland, the health system envisages future shortages of ventilators.

	Availability of Medical Devices (e.g. ventilation devices)
Israel	0
Italy	There was a lack of ventilators and intensive care beds during the first weeks of the pandemic. Today, no shortage of medical devices is registered, especially thanks to the large number of ventilators acquired or donated to hospitals and to the significant decrease of infected patients.
Kosovo*	142 are available and an additional 50 are already contracted. This can be considered enough based on the present situation.
Latvia	There is no shortage of medical devices. At present, all COVID-19 cases are mild. Latvia has responded to the pandemic very early and has taken all the precautionary steps.
Lithuania	0
Malta	Malta has a number of ventilators and is trying to acquire more. There is no shortage yet but it may develop in the future.
Montenegro	0
Netherlands	There is a scarcity of medical devices, in particular of ventilators. The distribution and purchase of medical devices and PPE are coordinated by a national consortium.
Norway	The demand is met for the time being. The number of hospitalised patients are steadily going down. At present 171 patients are in hospital and 52 are ventilated.
Poland	There are enough medical devices for the moment but the probability of the occurrence of shortages is high if the number of cases will be increasing.
Portugal	The situation is Ok for the time being but will depend on the evolution of the disease.
Romania	Around 1,600 ventilators are available at 8,000 beds of anesthesia-intensive (supplemented through opening of new anesthesia-intensive care units). Several hundred ventilators have been ordered but they will arrive in the coming weeks.
Serbia	There is no shortage for now. Serbia received a big donation from China.
Slovakia	550 pc / 5 million inhabitants
Slovenia	The supply is enough for now.
Spain	During the month of March and until the first fortnight of April, 100 % of the mechanical ventilation devices installed, have been used primarily for COVID-19 patients, in the Autonomous Communities most affected by (País Vasco, Madrid, Catalonia, Castilla y León and Castilla -La Mancha). In addition, the installation of mechanical ventilation equipment in surgical areas has been doubled, using the units and equipment for resuscitation.

	Availability of Medical Devices (e.g. ventilation devices)	
Sweden	Future shortages might occur.	
Switzerland		0
Turkey		0
UK		0
Ukraine	There are extreme shortages. For example, there are only 180 mechanical ventilation units in Lviv region with more than 2 million inhabitants.	

	Availability of workforce	
Austria	There are no problems or shortages reported so far.	
Belgium	The government plans a change to the law, enabling students to start the practical element of medical education (year 6) earlier.	
Bulgaria	We have an old issue with the age structure and specialty of the workforce. We expect this issue to be aggravated further in light of COVID-19.	
Croatia		0
Cyprus	<p>a. There is a big shortage of workforce. State hospitals are suffering most as most of the positive cases are from the state hospitals</p> <p>b. For this reason, workforce from the private sector is being moved to support the state hospitals</p> <p>c. Furthermore, all the private hospitals are working along with the government to help manage the COVID-19 crisis.</p> <p>d. For now, the private sector is offering a supportive role covering all the non COVID-19 cases, but getting ready for all possible scenarios.</p>	
Czech Republic	The Czech healthcare system suffers not only from the lack of financial resources, but also from the lack of medical personnel. This situation undermines the system in the long-term. The Czech Republic is successful in dealing with the epidemic so far, thanks to the quick introduction of the preventive anti-epidemic measures. The number of patients with COVID-19 admitted to the hospital is around 400, 20% of them are in a serious condition on artificial ventilations. Furthermore, healthcare facilities restricted their operations, as they reduced the non-essential care to acquire the capacities for treating COVID-19 patients.	
Denmark		0
Estonia		0
Finland	There has been sufficient workforce availability. Some healthcare personnel has been retrained and/or reassigned to different positions. Elective medical care has been run down in many health care units, and patients have cancelled their scheduled appointments in fear of exposure to the virus. Based on emergency situation and legislation, authorities can, if needed because of the epidemic, require healthcare personnel to work in a certain healthcare facility.	

	Availability of workforce
France	Alongside the French Council of Nurses and public health authorities, the French Medical Council requested non-practicing doctors to join the health reserve. All doctors concerned have been contacted to increase the intervention capacity of the health reserve and give it the necessary means to deal with the epidemic, in particular in nursing homes and healthcare establishments. This call for solidarity can help guarantee the best possible care for the entire population. / In the 3 main regions, there are tension of hospital staff and reinforcement by the structures set up by the States, e.g. the Health Reserve. / Many patients have been moved from the most affected areas to the less affected ones. Also, Germany, Switzerland and Luxembourg are taking patients from France.
Georgia	There are enough health workers.
Germany	The government plans a change to the law, enabling students to start the practical element of medical education (year 6) earlier.
Greece	The availability of the workforce is good enough for time being. Additionally, several calls from the Ministry of Health are in progress for doctors willing to work in and around the National Health System. For the following weeks, we do not expect to experience shortages in workforce. Retired doctors and medical students are volunteering.
Hungary	1/3 of doctors and nurses are withdrawn from the frontline as they are older than 65.
Iceland	In the long run, there might be a shortage of skilled healthcare professionals working in ICUs. The health system can today count on a reserve of 1000 healthcare professionals.
Ireland	There has been a good response from recently retired and emigrated to return. / Medical students are used to monitor patients in ICUs. Many students will get qualifications to practice earlier. / To save resources, some measures have been adopted: if someone is suspected of having Coronavirus, they can phone any GP even if they are not registered with them. Death certificates can be issued by senior nurses together with guidance from doctors over the phone. / Community Assessment Hubs are being established by the HSE around the country to allow a safe environment for COVID-19 patients to be physically assessed should that be required. The hubs are staffed by GPs, nurses, other healthcare professionals and administrators, with a mixture of staff deployed from hospitals and voluntary participation. The Hubs allow for GP assessment of the patient's condition to determine if they are well enough to be managed at home or if they need referral into a hospital setting. The use of these Hubs will increase the ability of GPs to manage COVID-19 patients in the community outside of the GP Surgery thus allowing the surgeries to manage non COVID-19 patients more effectively
Israel	0

	Availability of workforce
Italy	In the past weeks, the Civil Protection Department launched two calls for doctors and nurses, as the most affected areas were in strong need of healthcare professionals. Thousands of doctors and nurses from each part of Italy and of different ages and years of expertise showed their interest. As a consequence, many doctors and nurses moved to the north of Italy and started working in those hospitals registering a lack of professionals and situated in the most affected areas. Moreover, some retired doctors returned to their job and junior doctors were employed in the hospitals.
Kosovo*	Currently, we are managing successfully the situation but if the situation escalates, unemployed and retired doctors could be included to work if needed.
Latvia	In general, there is a shortage of workforce as there is no sufficient funding from the Ministry of Health. However, there is no specific shortage due to COVID-19 and all healthcare workforce is supportive. Medical students are working as volunteers in testing units.
Lithuania	0
Malta	Many doctors (over 100 doctors, more than 10% of hospital workforce) are in quarantine due to the exposure to a confirmed case.
Montenegro	0
Netherlands	There is no shortage yet. Additional workforce is created by reactivating former health professionals.
Norway	The demand is met for the time being.
Poland	There are considerable shortages. In a number of hospitals, normal activities have been limited and medical personnel has been delegated to respond to the pandemic.
Portugal	Healthworkers are becoming exhausted.
Romania	Health Workers are becoming physically and mentally exhausted.
Serbia	Currently, a list of physicians working in private practice, as well as the unemployed and retired, could be included in the workforce if needed. Potentially needed specialties would be: anesthesiologists, infectious disease specialists and emergency medicine specialists.
Slovakia	There is a lack of doctors and nurses.
Slovenia	0

	Availability of workforce	
Spain	In Spain, there have been more than 20,000 healthcare professionals affected with SARS-CoV-2 (+) or in close contact quarantine. Various specialists have voluntarily collaborated, for example anesthetists acting as intensivists, general practitioners replacing internists; including orthopedic surgeons, surgeons or gynecologists, as support or general internists for the care of COVID-19.	
Sweden	The acute need for health educated staff has resulted in shifting workplaces for healthcare staff. There is a call to reactivate students, pensioners, staff from other sectors with a health care education to join in.	
Switzerland		0
Turkey		0
UK	The BMA's recent survey results show that 36% of hospital doctors said capacity had significantly reduced because of colleagues having to self-isolate.	
Ukraine	Before the pandemic, the shortage of infectious disease specialists and epidemiologists was up to 30% of the calculated need.	

	Violence against workforce (see here: https://www.wma.net/news-post/world-medical-association-condemns-attacks-on-health-care-professionals/)
Austria	No incidents have been reported yet.
Belgium	0
Bulgaria	0
Croatia	0
Cyprus	0
Czech Republic	No violence against the workforce has been reported.
Denmark	0
Estonia	0
Finland	0
France	0
Georgia	0
Germany	0
Greece	No incidents have been reported.
Hungary	0
Iceland	0
Ireland	0
Israel	0
Italy	0
Kosovo*	0
Latvia	0
Lithuania	0
Malta	0
Montenegro	0
Netherlands	0
Norway	0

	Violence against workforce (see here: https://www.wma.net/news-post/world-medical-association-condemns-attacks-on-health-care-professionals/)
Poland	0
Portugal	0
Romania	0
Serbia	0
Slovakia	0
Slovenia	0
Spain	0
Sweden	0
Switzerland	0
Turkey	0
UK	0
Ukraine	0

	Working Time	
Austria	The Working Time Directive can be suspended in hospitals only with the consent of the employee.	
Belgium		0
Bulgaria	Working time is as usual.	
Croatia	There is a recommendation from March 25 by the Ministry of Health to divide the healthcare workforce in healthcare facilities into 3 equal teams. Team A is responsible for regular tasks, team B is ready to be assigned to other healthcare facilities and team C is to be on stand-by at home.	
Cyprus	a. All medical personnel is now divided in groups, so that in the case of exposure, the others can continue their work. b. We are working long hours – 12 hours shifts.	
Czech Republic	There are certain measures to ensure the operation of most hospitals in the Czech Republic. Medical personnel are divided into teams to prevent COVID-19 exposure; most elective surgeries were postponed as well as care for patients with chronic illnesses. Medical personnel in acute-care facilities are working in 12 hour shifts. The employers have been violating the European Working Time Directive (EWTD) for a long time. We recorded cases of attempts to reduce salaries of medical staff in relation to organisational changes.	
Denmark		0
Estonia		0
Finland		0
France	This has not been evaluated but there is a very large volume of hours of activity for health professionals in the highly affected regions.	
Georgia	Working time is 24 hours- 7 days a week, i.e. 24/7.	
Germany		0
Greece	Doctors' working time remains the same till now. There are plans for weekly shifts if necessary. Patients are admitted to Greek hospitals 24/7.	
Hungary	This is still normal but slowly switching to a duty - schedule.	
Iceland	Working time has increased for doctors in ICUs, and for primary healthcare workers and those in special COVID-19- outpatient and COVID-19 inpatient wards.	
Ireland	Working time is extended on a case by case basis.	
Israel	8 different collective bargaining agreements were negotiated to adjust working time and secure salaries.	
Italy	There was no formal change, but doctors' working time has significantly changed during this pandemic.	

	Working Time	
Kosovo*	Working time has not changed from normal, but teams have been boosted with extra staff. All elective surgical procedures have been postponed.	
Latvia	At present, only the working time of doctors at emergency units has been extended. They're working extra hours for which they are additionally paid.	
Lithuania		0
Malta	There have been some changes to working times but so far no one is being obliged to work extra. However, Malta is still in the containment phase.	
Montenegro		0
Netherlands	The working time depends on the situation in a hospital. Shifts in critical care are being extended according to the situation.	
Norway	According to the wage agreement – but depending on the situation - the government can use the infectious disease law to order doctors to take part in prevention of corona and to examine and treat patients with corona. The emergency law orders doctors to work more than ordinary working hours.	
Poland	At present, the working time has not been extended.	
Portugal	There is an overload.	
Romania	There is an overload.	
Serbia	Working time is differently organized in every hospital. The staff is divided into 2 groups, which are changed every 7 days or 3 days. According to the Healthcare Law, working time can be extended from 40 hours/week to 60 hours/week.	
Slovakia	There is an exceeding overtime even in normal operation.	
Slovenia		0
Spain	Work has been done in double shifts, 12 hours, and weekends, with morning shifts, at least during the month of March and April.	
Sweden	Working time has changed to 12-hour shifts. Overtime rate is increasing rapidly.	
Switzerland		0
Turkey		0
UK		0
Ukraine	In the infectious wards working time is 12 hours, in the intensive care units 24 hours.	

	Number of children who have been tested who are COVID-19 negative? Change in attendance pattern (eg reduced or increased) attendances of children to urgent care facilities (of any kind) since the pandemic began?	
Austria	This has not been reported.	
Belgium	A very small number of children are also counted in the deaths.	
Bulgaria		0
Croatia	There is no available data.	
Cyprus		0
Czech Republic	We have the following data at disposal: of a total of 6950 confirmed cases (since 20th April) 3,1% of cases were among children younger than 10 years and 5,5 % among those in the 10-18 age group.	
Denmark		0
Estonia		0
Finland	This data is not available. More than 71000 tests have been performed as of 23 April. The number of tests by age group has not been published. The attendance of children in any healthcare facilities has decreased significantly.	
France	This has not evaluated at this time but the tests will be generalized in France between April and June. The government has ordered 5 million tests to be able to test the entire population (see with the National Professional College(CNP) of Pediatrics).	
Georgia		0
Germany	According to the daily Robert-Koch-Institut update, 458 children under the age of 5 and 1213 children between 4 and 14 have been tested positive (as of 31 March 2020).	
Greece	There is no data available.	
Hungary		0
Iceland		0
Ireland	As of 30 March, of 2615 confirmed cases in Ireland, a total of 44 cases are children under 15 years – 6 of which have been hospitalised. There is no information on the numbers that have been tested in this age group. There has been a reduction in paediatric ED attendances but no statistics are available.	
Israel		0
Italy		0
Kosovo*		0
Latvia		0
Lithuania		0

	Number of children who have been tested who are COVID-19 negative? Change in attendance pattern (eg reduced or increased) attendances of children to urgent care facilities (of any kind) since the pandemic began?	
Malta	There is no data on how many children have been tested. There has been much reduced urgent attendance at community level of children. There has been an increase of people asking for advice over the phone about children. The schools are closed so possibly there is less transmission of 'normal' microbes.	
Montenegro		0
Netherlands	There are no data available. Currently, research is being conducted to understand the role of children in transmitting the virus.	
Norway	Norway only has numbers for those tested positive: 76 (increase of 31 over the last two weeks) children in the age of 0-9 and 289 (increase of 127 over the last two weeks) in age of 10-19. Regarding the attendance: 12 between 0 – 39 have been attended to urgent care. We do not have numbers for those under 18.	
Poland		0
Portugal		0
Romania	There are 47 positive individuals between 0-19 years old, that is 2.1%. We do not know how many children were tested. The number of children affected is extremely low and this situation continues.	
Serbia		0
Slovakia		0
Slovenia		0
Spain	In the Comunidad de Madrid, the urgent care of children was centralized in a hospital (Hospital Niño Jesús de Madrid).	
Sweden		0
Switzerland		0
Turkey		0
UK		0
Ukraine		0

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor
Austria	<p>Austria has introduced strict regulations regarding meetings, people`s movement and businesses which were closed two weeks ago. Supermarkets are still open. The government has decided that people should wear surgical masks starting 6 April. Big supermarket branches have enough stock.</p> <p>Austria has similar restrictions as in Germany which are not as strict as in Spain; only in special areas there are higher restrictions. Ischgl along with other ski resorts (Zell am See, Saalbach and others) are under complete lock down and declared quarantine areas.</p>
Belgium	<p>The lockdown is almost complete: schools, universities, restaurants, soccer games, meetings with more that 5-10 people are forbidden, 2 metres of social distance are required (150 Euro fine otherwise), as well as home office solutions for companies. / There is a general discussion on whether masks should be worn in public. The government encourages people to wear them, but so far this is not mandatory.</p>
Bulgaria	<p>Bulgaria introduced social distancing measures on the 13 March, which were made stricter a week later- parks are closed, only essential services are operating.</p>
Croatia	<p>Starting 00:01 Thursday, March 19, a new series of measures takes place to ensure stricter social distance and reduce the possibility of spreading the virus among population. Iti s advised to keep social distance between individuals: a distance of 2 meters is required to be kept indoors and a distance of 1 meter outdoors.</p> <p>All non-essential activities are closed.</p> <p>The wide range of facilities and stores are not closed to ensure normal supply of food and goods. Freight traffic and supply lines operate regularly.</p> <p>Employers are required to organize work from home for their employees, arrange teleconferences, cancel all business trips and forbid workers with acute respiratory illness from coming to work.</p> <p>A temporary ban on the movement of civilians across borders is also enforced, with an exception of healthcare professionals, elderly care professionals, cross-border workers, police officers, civil protection teams, military personnel, international military personnel, passengers in transit. This permission will need to be granted individually.</p> <p>Croatian citizens are be allowed to return to the Republic of Croatia and EU citizens are be able to return to their countries of origin. All facilities allowed to operate will have to comply with the measures given by the Croatian Institute for Public Health. Croatian Institute for Public Health will issue transport recommendations valid at the national level.</p>
Cyprus	<p>In Cyprus, there is a shutdown as in most countries.</p>

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor
Czech Republic	The Czech government declared a state of emergency in the middle of February. Borders are closed. People can travel only when necessary. The public is disciplined and people cover their faces. Moreover, more than two people are not allowed to meet. The government is considering to reduce the measures. However, from the scientific perspective, there have been not enough tests and nobody carried study dealing with the extent of the COVID-19 in the population.
Denmark	After Easter, the government and the authorities have started a cautious re-opening of the society. Childcare and schools (only the younger classes), high schools (only the senior year) have opened but with controls as to infection risk. Also, some of the liberal professions such as hairdressers, physiotherapists, etc. have re-opened but also with strict controls as to infection risk. New actions will be taken in May 2020 depending on the development of the pandemic.
Estonia	One of the hotspots is the Saaremaa Island with 30.000 population which means only 2.5% of the total population of Estonia. However, over half of all hospitalised patients are in Saaremaa. The virus was brought there by an Italian volleyball club from Milano in the beginning of March. From 14 March, Estonia's western islands, such as Saaremaa, were closed to all but residents.
Finland	Public gatherings have been limited to 10 people. Restaurants are closed until 31 May except for take away. Schools and universities work mostly remotely. Also working remotely has increased significantly. The Uusimaa region / the capital region was closed off from the rest of Finland from 28 March-15 April. Traffic over the regional border was restricted with certain exceptions. Leisure travel across the Uusimaa regional border was not permitted. National borders are closed. Worries exist as to the border to Sweden, as Sweden is having a different strategy. Many people work in the Swedish healthcare system crossing borders every day.
France	There is a full lockdown. The government is currently discussing the possibility to implement a partial lift of these measures in some areas in the next one or two months.
Georgia	0
Germany	The lockdown is almost complete: schools, universities, restaurants, soccer games, meetings with more than 5-10 people are forbidden, 2 metres of social distance are required (150 Euro fine otherwise), as well as home office solutions for companies. / There is a general discussion on whether masks should be worn in public. The government encourages people to wear them, but so far this is not mandatory.

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor
Greece	Schools/universities closed on 10/3/20, exit/contact bans were issued on 23/3/20, meaning that public gatherings over 10 persons have been banned. All shops have been closed apart from pharmacies, supermarkets, pet-shops, gas-stations. All companies and the public sector have been recommended to have their employees work remotely. Additionally, people's circulation is under police control, and allowed for only specific reasons.
Hungary	0
Iceland	A vigorous testing strategy is in place and includes tracing. There have been a total of 38 000 tests, covering approx. 12% of the population. Now, there are 1800 in quarantine and 17000 who have completed quarantine. Confirmed cases total at 1700, recovered cases at 1400. There are 587 in isolation (confirmed infected). There is tracing of numbers by app, which has been downloaded 100 000 times to mobile phones. Nurseries and schools are open for under 16 year olds. Universities and colleges are closed. No more than 20 people are allowed to meet , and they must keep a 2 meter distance. There is a restriction on numbers of customers in shops at any given time. Swimming pools and gymnasiums are closed. Night clubs are closed. Restaurants are open but need to ensure 2 meters of distance between guests, so there is not much demand. / The relaxation of restrictions will commence in steps from 4 May. Then 50 people can gather together but still with the 2 meter distance rule.
Ireland	There has been a full lockdown for three weeks now. Individuals can only move within two kilometers to go to the supermarket, pharmacy or for physical exercise. / While Ireland is following the WHO/ECDC system of 14 days isolation, the UK system is to develop herd immunity with only 7 days of self-isolation. Having two different systems appears inconsistent and does not help.
Israel	Those patients with only mild symptoms are treated at home or designated facilities (e.g. converted hotels), this is not fully aligned with WHO recommendations, but relieves pressure off hospitals, to also continue treatment of other patients. In the multicultural country there are secluded communities such as the ultra-orthodox who do not follow usual media (therefore have less access to information on social distancing or the need to close synagogues) and often live in small houses with large families. These have become hotspot of infection; one example is Bnei Brak, where around 38% of the population is infected and a lockdown is enforced with police and the military. This experience has shown that any community with certain risk factors such as low socio-economic class, large families, and general lack of belief in government policy, requires specific government outreach to effectively ensure compliance with general containment protocols. If there is no tailored action, these communities can become heavily affected and also endanger the rest of society. In general it is feared that the upcoming holidays (Passover, Easter, Ramadan) pose a risk for an increase in infections.

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor	
Italy	There is a lockdown, meaning that schools, universities, churches, restaurants, shops (with exemption of food suppliers, computer shops) are closed, and soccer games and meetings are forbidden. It is required to maintain a social distance of 1.5 meters. There are flexible working solutions for workers. All non-essential activities are prohibited.	
Kosovo*		0
Latvia	A "Stay at home" campaign is widely run. A 14 days self-isolation protocol is mandatory for travellers coming from other countries. Home office is encouraged. Only 2 people can gather. Citizens are urged to not use public transport.	
Lithuania	<p>The government declared quarantine and introduced restrictions which are similar to other Member States. The quarantine expiration deadline was extended and all borders were closed since the virus has not yet reached its peak. From the onset, the country established a COVID-19 hotline, free and available 24h to get truthful and precise information about COVID-19. Lithuania has an official website – Corona stop – containing updated safety instructions and recommendations. Moreover, new structures providing healthcare services were established:</p> <p>1) mobile stations/external checkpoints to survey for Corona virus. These are located in all municipalities. Arrival at the checkpoint is possible by car only and registrations are facilitated by the hotline service (1808). The person attending must have symptoms or must have been in contact with an infected patient. The mobile drive-in teams take samples from individuals for laboratory testing on COVID-19. The patients are informed and consulted by a team of doctors in the hot line. This procedure ensures that patients receive a faster diagnosis.</p> <p>2) clinics of fever in all municipalities. The registrations are made by the family doctor who evaluates the situation during a phone conversation. The doctor registers the patient online for a more detailed examination.</p>	
Malta	Restrictions were introduced, i.e. public meetings above 3 people are forbidden and public events and religious gatherings are cancelled. The delivery capacity is extended to meet the need of quarantined citizens. "Cocooning" of the population with the highest risk (1/4 of the total population) is applied. The first case has been identified on 7 March. At the beginning of the response there was a very close cooperation with Chinese experts working in Malta to develop special materials in different languages. Then, the focus changed to the cases from Italy as they became the most problematic for Malta. There are disadvantages of Malta's geography, i.e. a lack of flexibility to spillover to another country or region should the health system be overwhelmed. Moreover, Malta is very densely populated. Lately, there was an outbreak in a refugee reception centre that is now under quarantine.	
Montenegro		0

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor
Netherlands	Physical distancing was introduced for one region on 6 March and extended to the entire country 12 March. As of 23 March fines can be levied if more than 2 people stand less than 1.5 metres apart. Universities were closed 12 March. Schools and daycare were closed 15 March. Public gatherings over 100 people were prohibited 12 March. On 23 March all public gatherings were prohibited (with some exceptions such as funerals). Shops are still open but these need to take sanitary measures (e.g. 1,5 m distance). Bars and restaurants are closed as of 15 March. Flight bans exist a of 13 March. Restrictions are extended until the end of April.
Norway	Authorities declared the emergency status, locked down the country and now are facing economic problems. The government is using economic resources to save working places and companies. Kindergartens and schools (1-4) opened 20 April. In Oslo restaurants are not allowed to serve alcohol. Most offices are closed until 27 April. People work from home. Border are still closed. From 20 April people are allowed to stay overnight outside the community where they live, for example in their summer houses and cabins in the mountains, but people are asked to reduce domestic travels. Shops are open, but some are closed due to lack of customers. The hospitals plan to accept ordinary patients again, but the problem is the lack of protective equipment. The government launched a corona app that people can voluntarily download. The app sends you a SMS if you have been close to an infected person for more than 15 minutes. Some are sceptical due to privacy, but several 100 000 have already downloaded it. However, the testing must be intensified if the app shall be efficient. By 15 April 133 707 individuals (appr. 2,5 % of the population) have been tested for korona.
Poland	Personal distancing and closure of schools were introduced 3 weeks ago along with the ban of meetings >50 persons, closure of malls, restaurants etc. Stronger measures have been introduced gradually, at present going out of home is prohibited unless for work, shopping, support to dependent persons, very short walk with a pet. Only 2 persons can meet.
Portugal	The state of emergency was declared and the country is in lock down; The Portuguese Airport will be closed from 9-13 April.
Romania	1. on 23rd March physical distancing was introduced 2. all schools, day care and universities are closed 3. all public gatherings over 3 pax are prohibited 4. all shops are closed, with the exception of food suppliers 5. yes
Serbia	There is a quarantine from 17.00h-5.00h on week days, at weekends after 13.00h on Saturday to 5.00h on Monday. This does not apply to doctors. It is feared that returning expats (300 000-400 000 persons estimate) will increase infection rates.
Slovakia	0
Slovenia	There is a voluntary tracing device which works very well introduced by the national statistical office.

	Non-Pharmaceutical Countermeasures (NPCs) introduced (physical distancing, working remotely, day care, schools, universities, public gatherings, shops)? / Plans and schedules to roll-back NPCs. An overview of the NPCs can be found in the Health System Response Monitor
Spain	On March 15th, Royal Decree 463/2020, of March 14, entered into force, declaring the state of alarm for the management of the health crisis situation caused by COVID-19. This RD establishes compulsory home confinement, the suspension of teaching activities, the promotion of teleworking and the closure of bars, restaurants and shops of all kinds except food. On March 29th, the suspension of non-essential work activities was established, which was reactivated on Monday, April 13th, by Royal Decree-Law 10/2020, of March 29th, which regulates a recoverable paid leave.
Sweden	Citizens voluntarily try to respect social distancing of 1,5m.
Switzerland	On 28 February, the Federal Council banned events involving more than 1000 people. On 16 March, schools and most stores were closed nationwide. Additionally, the government has gradually imposed restrictions on border crossings. The state of emergency was introduced. Social distancing required as in other countries, 2m.
Turkey	0
UK	0
Ukraine	0

	Other workforce Measures of Note (e.g. student involvement - please note an ongoing survey here: https://docs.google.com/forms/d/1rSlml-qoaSTUK8rLVj8DsCszkvq7A3DCN-rjIKyxUkc/viewform?edit_requested=true#responses)
Austria	Austria has introduced "COVID-19 hospitals". For instance the Salzburg University Hospital is a COVID-19 hospital. Access is limited to patients and healthcare professionals working in these hospitals.
Belgium	All unnecessary operations have been postponed to allow the medical workforce to concentrate on COVID-19 related cases.
Bulgaria	0
Croatia	Starting from March 13th, elective surgeries are postponed. Starting from March 27th, it is mandatory to ensure body temperature and respiratory symptoms are checked for all workers in healthcare facilities upon arrival and departure from work.
Cyprus	0
Czech Republic	The lesson learned from this crisis is that health professionals can organize their work by themselves and external management has been found ineffective. Moreover, the government provided insufficient support to medical personnel in terms of testing, accommodation (in case of quarantine or isolation) as well as for assistance with family matters as schools and kindergartens have been closed since March 2020.
Denmark	Regional job fairs have been established for retired health personnel and medical students. So far, their services have not been needed.
Estonia	0
Finland	We get a lot of questions related to COVID-19 from our members but they mainly relate to the terms and conditions of employment, emergency powers that the Government has decided to put into operation etc.
France	Confined private doctors are offered guarantees in terms of social protection, which the French Medical Council notably obtained from public and private insurers to cover these doctors, starting from the first day of their possible confinement. / There is the creation of "call-to-volunteer" platforms for all health professionals: requisitioning, retired doctors who return to work, medical students and nurses. There is the development of moving intensive care patients into hospitals to less affected regions (in France or to European countries such as Germany, Switzerland). There is also the voluntary mobility of health professionals to help the staff hospitals in affected areas.
Georgia	1. Health personnel is no longer allowed to work between different hospitals. 2.Scheduled surgeries are delayed for 4 months.
Germany	Elective surgeries have been postponed to allow medical workforce to concentrate on COVID-19 related cases. DE: www.mediCOVID-19.de ; https://friedeh.github.io/MediCOVID-19/COVID-19eos.html

	Other workforce Measures of Note (e.g. student involvement - please note an ongoing survey here: https://docs.google.com/forms/d/1rSlml-qaSTUK8rLVj8DsCszkvq7A3DCN-rjIKyxUkc/viewform?edit_requested=true#responses)
Greece	a)The Panhellenic Medical Association has established a "helpdesk", a helpline in Athens and Thessaloniki, operating 7 days/week, 9am-9pm. Through this helpline doctors can receive guidance on the management of COVID-19 cases. b) There is an interactive forum uploaded on our website, providing information and guidance to citizens and doctors.
Hungary	Autopsies are stopped countrywide. Dentists' practice is stopped countrywide (only 2-3 per region remain for emergency cases). - elemedicine is widely supported (trans-telephony ECG, electronic prescription of medicines, doctors "on call" literally through phone/Viber/social media, etc.).
Iceland	All work which requires a contact closer than 2 meters is restricted. All elective invasive medical treatments in private setting are on hold unless acute.
Ireland	0
Israel	All elective surgery was stopped on 23 March after an IMA request. Workforce in hospitals and ambulatory settings were divided into separate teams to be able to isolate infections.
Italy	0
Kosovo*	Retired doctors, unemployed doctors and students of the 6th year in the medical faculty, have been put on standby.
Latvia	The Latvian Medical Association has established two phone lines which doctors can contact asking for advice. A third special line is currently established to provide doctors with mental health support. Latvian Medical Association helps with distribution of necessary equipment.
Lithuania	The Government decided a pay rise for medical staff. All staff working in corona hotspots will receive double pay.
Malta	In primary care a video consulting hub was set up where government contracted GPs work who have an increased risk of complications due to exposure. Malta is trying to move more consultations online. Many hospital outpatient visits are being held over the telephone. The Medical Council has approved electronic prescriptions for this period. Most elective services are cancelled.
Montenegro	0
Netherlands	There is a website hosting volunteers willing to help in hospitals taking care of patients or working in laundry or administrative facilities. Hospitals are in need of assistance due to personnel shortages. Health personnel is no longer allowed to work / travel between different hospitals.

	Other workforce Measures of Note (e.g. student involvement - please note an ongoing survey here: https://docs.google.com/forms/d/1rSlml-qaSTUK8rLVj8DsCszkvq7A3DCN-rjIKyxUkc/viewform?edit_requested=true#responses)
Norway	Norway had reduced hospital capacity in general and for intensive care over the last years, which was done against the medical profession's advice. The capacity to offer public healthcare was also reduced due to the agglomeration of communities. Despite these policies, Norway is managing to limit the exponential curb.
Poland	The Polish Chamber is looking at the economic effects for the healthcare professions (doctors and dentists as both part of the Chamber). The Government recently adopted a law providing economic support, which is welcomed by the Chamber, and will be analysed in detail.
Portugal	The doctor's organisation has a group of doctors monitoring the Ministry of Health measures (in this group there are doctors of several areas: Public Health, Family Medicine, Pneumology, infectious diseases, pediatrics and intensive care).
Romania	Romania's health system, which is already facing problems due to the lack of medical personnel, is further restrained as more and more doctors are becoming infected with the new coronavirus, while others have chosen to resign, citing lack of adequate protective equipment.
Serbia	Institution GM decided to ban additional work at another institution. Some doctors were discontinued specializations and returned to their home institutions. Prohibition of going on vacation during the state of emergency. In the last few weeks doctors' wages were increased, and the Chamber advocated for providing financial support to doctors' families.
Slovakia	0
Slovenia	The chamber publishes daily information updates for its members. The chamber also carries out a weekly survey among its members to check on the equipment situation and concerns.
Spain	In the Comunidad de Madrid, and other highly affected Autonomous Communities, all the hospitals were "COVID-19 hospitals" during the weeks that run from March 15th to April 12th, times when more than 90 % of their capacity was allocated to patients with COVID-19 and some came to have more than 1,000 beds for this disease. "Field hospitals" were installed with the one located in Ifema (Madrid), with the capacity to care for less serious patients, which came to house around 1,500 patients, in need of oxygen therapy. Likewise, hotels were "medicalized" for convalescent patients, without the need for oxygen therapy.
Sweden	On 2 April, the healthcare region of Stockholm decided to activate a 'crisis situation agreement' for the ICU's in Stockholm, giving power to the employer to freely dispose of their workforce, while the employees received 220% salary.
Switzerland	0
Turkey	0

	<p>Other workforce Measures of Note (e.g. student involvement - please note an ongoing survey here: https://docs.google.com/forms/d/1rSlml-qaSTUK8rLVj8DsCszkvq7A3DCN-rjIKyxUkc/viewform?edit_requested=true#responses)</p>
UK	<p>Despite only making up 13% of the population, BAME patients represent 35% of all critically ill COVID-19 patients to date. A disproportionate number of doctors who have died also come from BAME background. BMA Chair of UK Council, Chaand Nagpaul, has written to Simon Stevens, Director of NHS England, alerting him to this worrying trend and urging an immediate investigation to determine the causes and ensure the experiences and needs of the BAME population are properly addressed.</p>
Ukraine	<p>The additional wage of the medical staff, which is directly involved, an amount of 200%, is foreseen. The Ministry of Health has called for volunteers to assist medical staff. Also a 100% payment for transportation to/from work is provided. In some regions, local authorities prepare hotels near hospitals or separate sections in hospitals for medical personal.</p>

	Treatment guidelines (Triage Protocol)
Austria	These exist in most hospitals and offices.
Belgium	0
Bulgaria	0
Croatia	0
Cyprus	0
Czech Republic	Treatment guidelines were provided by professional medical societies together with the Ministry of Health and State Institute for Drug Control in the middle of March. The Czech Medical Chamber also provides available information to all physicians. There is e.g. a special coronavirus section on the website of the Chamber including information from the Ministry of Health, regional districts, health insurance providers, legal and practical information and offers of PPE.
Denmark	On a regular basis, the Danish National Board of Health publishes guidelines on triage, treatment, use of PPE, tests etc.
Estonia	
Finland	0
France	0
Georgia	0
Germany	0
Greece	Treatment is delivered according to WHO guidelines.
Hungary	0
Iceland	The guidelines foresee HCQ and AZT for most patients in ICU and tocilizumab for some in ICU.
Ireland	0
Israel	0
Italy	0
Kosovo*	0
Latvia	0
Lithuania	0
Malta	0
Montenegro	0

	Treatment guidelines (Triage Protocol)
Netherlands	0
Norway	0
Poland	0
Portugal	0
Romania	0
Serbia	0
Slovakia	0
Slovenia	0
Spain	0
Sweden	0
Switzerland	0
Turkey	0
UK	0
Ukraine	0

	Malpractice claims in times of COVID-19 (increase of complaints and regulatory response planned?)	
Austria	This has not been reported.	
Belgium		0
Bulgaria		0
Croatia		0
Cyprus		0
Czech Republic	We have no information about malpractice claims yet. People strongly support the healthcare workers. Based on previous experiences such claims would probably appear after the situation stabilizes.	
Denmark		0
Estonia		0
Finland	In Finland, malpractice issues regarding doctors have not (yet) been discussed during COVID-19 epidemic. In Finland there is a no fault/no blame compensation system for patient injuries, and therefore malpractice claims are generally quite rare (https://www.pvk.fi/en/).	
France		0
Georgia		0
Germany		0
Greece	No incidents have been reported.	
Hungary		0
Iceland		0
Ireland		0
Israel		0
Italy	At the end of March, FNOMCeO sent a letter to the president of the lawyers' organization (Consiglio Nazionale Forense) criticizing that some lawyers are advertising to sue doctors for alleged malpractice during the pandemic and offering their legal assistance: https://portale.fnomceo.it/pubblicita-studi-legali-che-invitano-a-far-causa-a-medici-anelli-scrive-a-mascherin-rafforzare-vigilanza-su-deontologia-le-nostre-professioni-tutelano-diritti-di-rango-costituzionale/	
Kosovo*		0
Latvia		0
Lithuania		0
Malta		0

	Malpractice claims in times of COVID-19 (increase of complaints and regulatory response planned?)	
Montenegro		0
Netherlands		0
Norway		0
Poland	Doctors in Poland from time to time encounter unsubstantiated claims by "advisors" encouraging patients and their relatives to initiate malpractice actions. The Chamber is considering to encourage regulatory change.	
Portugal		0
Romania		0
Serbia		0
Slovakia		0
Slovenia		0
Spain		0
Sweden		0
Switzerland		0
Turkey		0
UK		0
Ukraine		0

	Other comments	
Austria		0
Belgium		0
Bulgaria		0
Croatia	<p>On April 14th, the digital assistant 'Andrew' was presented by the government of the Republic of Croatia. Andrew is a digital assistant who uses artificial intelligence to simultaneously connect with millions of citizens and all relevant institutions in the fight against coronaviruses. In contact with citizens, Andrew provides assistance as follows:</p> <p>It educates people on how to recognize the symptoms of a coronavirus infection in themselves and others through assisted self-assessment; citizens gain a better understanding of the potential for infection, when they can be calm and when they need to do something for the benefit of themselves and others.</p> <p>It assists people in contact with competent institutions, sending everyone to the right address, saving time and energy for citizens and doctors.</p> <p>It allows people to report relevant information from their household, thereby fulfilling their civic duty of helping in real-time, allowing data-dependent epidemiologists to establish or lift safeguards.</p>	
Cyprus	The cases started as imported cases originating from UK and Greece. Three hotspots exist (Larnaca, Paphos and British bases) which are/will be under quarantine. A lot of cases just came in; the health system is predicted to no longer cope with these after 20 April.	
Czech Republic		0
Denmark	The admission rate in hospitals is flattening as the virus reproduction rate has decreased from 2,4 to 1,3. A geographical spread of the virus is observed leading to a more regional approach. The virus spread originates from Austria (2 outbreaks could be traced to ski resorts); what is worrying is the spread in nursing homes.	
Estonia	By 3 April 2020, 858 positive tests were made. In total, 85 people are hospitalised, 16 of them in ICU.	
Finland	Updated information on the COVID-19 epidemic is available here: https://thl.fi/fi/web/infektiotaudit-ja-rokotukset/ajankohtaista/ajankohtaista-koronaviruksesta-COVID-19 .	
France		0
Georgia		0
Germany		0
Greece		0

	Other comments	
Hungary		0
Iceland	Please find information on the status of the COVID-19 in Iceland with a daily update at https://www.COVID-19.is/english , www.COVID-19.is/data ; https://www.COVID-19.is/data Please find a prediction model for COVID-19 in Iceland, with an update twice per week at https://www.COVID-19.is/english A NEJM article published 14 April on the Spread of SARS-COV-2 in the Icelandic population by Gudbjartsson et al. can be found at https://www.nejm.org/doi/full/10.1056/NEJMoa2006100?query=RP	
Ireland		0
Israel		0
Italy		0
Kosovo*		0
Latvia		0
Lithuania		0
Malta		0
Montenegro		0
Netherlands	The main challenge is the country's intensive care capacity of around 1150 ICU beds (very low). Currently 1273 COVID-19 patients have been admitted into ICU and they normally stay for 3-4 weeks. The country is increasing capacity for a total of 2400 ICU beds. However, it is estimated that within two weeks this will no longer be sufficient. A solution that regional authorities are considering is the possibility of sending patients to Germany.	
Norway		0
Poland	Many contagions happen at hospitals and this is debated in the media. The Polish Chamber is actively advocating for better supply of PPE and better protective equipment for healthcare staff.	
Portugal		0
Romania		0
Serbia		0
Slovakia		0
Slovenia		0
Spain	Likewise, hospital geriatricians and family doctors supported the classification, referral and care of patients from nursing homes and social health centers.	

	Other comments
Sweden	Sweden might lack ICU beds. As a result, a new field hospital in Stockholm will open with a capacity of 140 ICU beds. The infection reached nursing homes – 60 % of the homes in Stockholm reported having infected patients – even though no visitors were allowed. It is suspected that healthcare professionals without symptoms might have spread the virus.
Switzerland	An official website providing information to the public as well as health care workers has been put in place, see https://www.bag.admin.ch/bag/en/home/krankheiten/ausbrueche-epidemien-pandemien/aktuelle-ausbrueche-epidemien/novel-cov/situation-schweiz-und-international.html
Turkey	0
UK	UK: https://www.bma.org.uk/news-and-opinion/ppe-protect-your-face-wash-your-hands-arms-and-clothes
Ukraine	



COMITÉ PERMANENT DES MÉDECINS EUROPÉENS
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