

# An Overview of Epidemic Prevention and Control and a Brief Analysis on the Cultivation of Medical Students' Professional Ethics and Life Value Orientation

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**ABSTRACT.** *since December 2019, a new outbreak of coronavirus pneumonia in China has brought great disaster to the whole country. Up to now, great progress has been made in the prevention and control of the epidemic, and the number of pneumonia patients cured and discharged from hospital has been increasing. During the epidemic prevention and control process, the professional ethics of the medical staff has pointed out the direction for the students in the medical nursing school of turpan vocational and technical college, and has a clear goal for their life value. Based on the touching examples in the prevention and control process, this paper analyzes how to cultivate students' professional ethics and life value orientation in the future teaching, and provides reference for the future medical nursing college students to establish correct values.*

**KEYWORDS:** *School of medical nursing; The outbreak, Professional ethics; The value of life*

## 1. Introduction

At the beginning of December 2019, the outbreak of coronavirus disease 2019 (COVID-19) occurred in many places in hubei province. By February 25, 2020, China had reported 77782 confirmed COVID-19 cases and 27,486 cured [1]. The World Health Organization (WHO) declared COVID-19 to be a “public Health emergency of international concern” on January 30, 2020[2]. Meanwhile, in order to effectively curb the spread of the epidemic, the ministry of education launched an emergency plan for public health emergencies in the education system on January 21[3]. Universities across the country delayed the start of classes, and the exact start time was not announced in many places, which effectively curbed the spread of the epidemic. Therefore, it is of great significance for colleges and universities to adjust student management positively and rationally for students' physical and mental health, teaching activities and preventing the spread of the epidemic. Based on the current situation, combined with living examples at home and abroad, this paper provides practical materials for the professional ethics training of students in the school of medical nursing of turpan vocational and technical college during the epidemic of covid-19, and points out the direction of professional ethics training.

## 2. Obligor and professional ethics[4]

That is, medical ethics, that is, professional ethics of medical personnel, is the ideological quality that medical personnel should have, and the sum of the relationship between medical personnel and patients, society and medical personnel. The code of medical ethics is the criterion to guide the medical staff to conduct medical activities. Involving medical ethics norm mainly includes the following aspects:(1)rescue the wounded and the dying, dedication to work (2) patients with respect to heal the wounded and rescue the dying, loves the hillock professional, love life (3) medical skill refinement, who keep tight (4) loyal to their duties, the patient first (5) to work hard, keep improving (6) mutual respect and mutual aid, solidarity and collaboration, such as demands for doctors professional ethics cultivation. This article will combine the above several aspects with the national outbreak of covid-19 since the emergence of the hero examples, a brief analysis of the practical significance of turpan vocational and technical college of medical nursing students professional ethics training.

### 2.1 Rescue the Wounded and Rescue the Dying, Love the Job

That is, always for the patient, do everything possible to remove the pain for the patient. Since the outbreak of the new coronavirus pneumonia, the distinguished pioneers represented by the 84-year-old academician zhong nanshan gave up the happy moment of reuniting with their families and resolutely went to the front line of the

anti-epidemic work, racing against time to develop the vaccine, racing against time, and dying day and night for the lives of the masses. In addition, a large number of excellent frontline nurses and doctors have emerged. Some family members died can not go home to see off the last minute, some “period” came, because work, also can not rest a moment. When they took off the masks on their faces that moment, looking at the deep scars, all let people heartache, admiration. They are the most respectable and lovable people. During this period, pile by pile, a case of fresh examples are too numerous to enumerate, we can only pray for their health here, as soon as possible to achieve “anti-epidemic” victory in the decisive battle.

## ***2.2 Respect Patients and Cherish Life***

At the beginning, the epidemic was only found in hubei province, and the hospitals in hubei province still had carrying capacity, but with the outbreak and spread of the epidemic, the carrying capacity of the hospitals appeared to be stretched. The central government allocated one billion yuan for the construction of the hospital, and completed the construction of the two hospitals, Raytheon mountain and vulcan mountain, and put them into use in just ten days. This caused a big shock in the international community, foreign people are amazed at the implementation of our country, as amazing. It is because of the correct leadership of the CPC central committee, the backing of the country and the strong support of the people that we believe we will win the final victory. With the operation of the two major hospitals, more and more patients have been properly settled, and more patients have been effectively treated and isolated for the first time, which has blocked the spread of the virus to a certain extent.

## ***2.3 Refinement of Medical Skills and Confidentiality of Words***

Outbreak, rushed in the front line is not many “white angels”, they use a doctor should have the professional ethics bolt to release a doctor should have the noble sentiment. The old saying, “trouble on one side, help on all sides,” no longer applies not only to the army, but also to our worthy angels in white. Since the outbreak of the disease, teams of experts from all over the country actively went to wuhan to contribute their own strength. Thirty-one provinces, autonomous regions and municipalities have selected experts from the department of infectious diseases and volunteered to support the fight against the epidemic in hubei. Sadly, many angels in white gave their lives in the process. These include Dr Lee wen-leong, 34, who discovered the covid-19 virus as part of his highly professional performance as one of the eight doctors who first warned of the dangerous disease last December. Li wenliang's death in the line of duty was heroic, unpretentious and especially heartbreaking.

## ***2.4 Loyalty to Duty, Patients First***

That is, love nursing profession, respect the life value and personality of patients, and respect the equal right of patients to seek medical treatment. Do not discriminate, do not in any case belittle or insult the patient's medical staff in any way. Since the outbreak of the epidemic, in line with the principle of “everyone is equal”, regardless of the status, have been timely treatment. Every nurse is dedicated to fight in the first line of life and death. Because the situation is urgent, the incident is sudden, can not have a moment to slack off, a lot of nursing staff, in their own job to work day and night. It is reported that “put on this clothes, is to shoulder the responsibility on the body”, how simple words, it is there are so many such practitioners, we have the courage to overcome the disease.

## ***2.5 Study Diligently and Keep Improving***

Namely, keep improving on technology and knowledge, update knowledge structure in time, and constantly broaden professional knowledge. The novel coronavirus is a new thing in the cognition of human medicine. But after many days of continuous experts in all aspects of the pool of wisdom, mutual cooperation. The new coronavirus pneumonia (coronavirus e2019, covid-19) was further recognized as an acute respiratory infection caused by severe acute respiratory syndrome (SARS) coronavirus 2 (sars-cov-2) infection and as a new coronavirus not previously found in humans. The clinical manifestations were mainly fever, weakness and dry cough. A few patients presented with nasal obstruction, runny nose, pharyngeal pain, myalgia and diarrhea, and in severe cases, dyspnea. Respiratory droplets and close contact are the main means of transmission and can also be transmitted through the digestive tract. In addition to the above transmission pathways, there may be aerosol transmission pathways when exposed to high concentrations of aerosols in a closed environment for a long time. Based on current epidemiological investigations, the incubation period of novel coronavirus pneumonia ranges

from 1 to 14 days. However, recently, there have been many reports of patients who had a disease onset of more than 20 days and who recovered and relapsed again after discharge. Based on this, zhong nanshan said that the above conditions are within a reasonable range and warned the public not to panic.

### ***2.6 Mutual Respect, Solidarity and Cooperation***

That is, colleagues respect each other, help each other, take the initiative and medical, technical, technical personnel solidarity, coordination to complete various medical tasks. "Great love is boundless. There is love in the world." Since the outbreak of the epidemic, the whole people, all walks of life unite as one, with great love to support the epidemic in hubei province, especially in the worst-hit areas of wuhan prevention and control. For example, there are donations of money, clothes, medicine and so on. It demonstrates the inherent appeal and cohesion of the Chinese nation. Provide adequate logistical support to win the "smokeless war".

## **3. The Emergence of Some Social Disorder Not Conducive to the "Anti-Epidemic"**

While the whole nation was in full swing in the fight against the epidemic, there were also various kinds of chaos in the society that were not conducive to the fight against the epidemic.

### ***3.1 Government Level***

So far, reports say hubei province has sacked many officials for not acting during the protests. Still have a few days ago online report hubei province Red Cross society donates the incident such as unidentified, caused the public high concern.

### ***3.2 At the Enterprise and Merchant Level***

The outbreak has touched the hearts of hundreds of millions of people across the country, and they are all looking forward to the early victory of the "anti-epidemic" campaign and the early resumption of production. However, when the experts put forward: "must wear a mask to go out" this initiative, a lot of businesses take the opportunity to raise the price of masks, the Internet once appeared "sky-high price masks". "Before, I just couldn't afford to eat pork. Now I think masks are the best," said most.

### ***3.3 Public Level***

The outbreak of the disease, the country linkage. The grassroots also responded to the call, taking active measures among the villages, setting up roadblocks, and arranging party members on duty, strictly checking people in and out, and doing a good job of registration and timely reporting, in case of emergency, take timely measures to deal with. Most people can lead by example and be strict with themselves. Do not go out, do not add to the burden of the country. However, some people still do not abide by relevant laws and regulations. They not only go out as usual, but also do not wear masks, which brings great challenges to our prevention and control. Renewed appeal; "Every man has his duty when the country is in trouble." What is gratifying is that the masses of the people are actively responding to the call of the state by using various media, such as weibo, kuaishou, douyin, etc., and spreading it widely through the new media, bringing a positive side to the fight against the epidemic.

## **4. As a Medical Student of Turpan Vocational and Technical College, How Should Students Relearn the Importance of Professional Ethics**

### ***4.1 Take This as an Example, Study Hard and Establish Correct Life Values***

At the present time of the epidemic, let us realize that the international community stands together in weal and woe, shares weal and woe with each other, has strong national cohesion, has the courage and responsibility of the communist party members, has the mutual assistance of the masses, and is simple and sincere. This is really the moment, on the one hand, as a college student in medical school should learn from the model. We should take this as an example, work hard, study hard, always with the strength of the example to motivate

themselves, with the faith in the heart to overcome all difficulties and obstacles. Young students are the hope of the country, only the youth strong, the country can be strong, so that the Chinese nation always stand tall in the world. On the other hand, young students should set up a correct value of life, always take the revitalization of the country as their responsibility. That “reading useless theory” has no place, both absurd and ridiculous. At present, academicians Zhong Nanshan and a large number of experts and scholars represented by him gathered in Wuhan to set up a special scientific research team, working day and night to make unremitting efforts for the early introduction of vaccine. These works and achievements, without exception, come from the accumulation of scientific and cultural knowledge. In today's society, young people are often idolized by movie and TV stars, which is almost crazy. The ancients cloud: “general solitary grave no one ask, play son family affairs all over the world know” this is how sad. Of course, I believe this is also a temporary phenomenon in China's social transition, everything will change. During the epidemic, more and more experts, scholars and political figures entered the lives of the people and became the idols of everyone.

#### ***4.2 The Eye Knows Gold, Does Not Believe the Rumor, Does Not Spread the Rumor, Sets Up the Correct Life Idea***

At this point, a variety of negative news, rumors using network resources flying. As the contemporary college students, we should actively refute rumors, start from their own, do not believe rumors do not spread rumors, with a scientific mind to judge the problem, with a rational thinking to analyze the problem, set up a correct concept of life. As a university in Xinjiang, this is particularly important. As college students of medical school, we should take our responsibility to educate and help our relatives and friends with practical actions and scientific and cultural knowledge, so as to eliminate their panic psychology, make the rumors go unsolved, and make people's inner peace. We believe that we will be able to overcome the epidemic, and finally achieve the “smoke free war” victory.

#### ***4.3 Do Not Stop Classes, Persevere, Grasp the Right Value Orientation of Life***

As for the epidemic period, primary and secondary schools and efficient school opening dates were listed on the hot search, to which the ministry of education responded. School opening dates in different regions depend on the progress made in local prevention and control, and I have given specific school opening dates. Many places were originally scheduled to open in early March, but have been postponed again and again, the exact date to be determined. This puts forward the new test to the student's study, according to this each institution responds positively to the ministry of education's call to carry out the network online teaching, must make sure that the student does not stop class, guarantees the student's study to be able to carry on in an orderly and normal way. However, online classes for students and put forward a series of new challenges, for example: some students family conditions are not allowed to, also not suitable to carry out online teaching, recently reported on the Internet a classmate accompanied by parents in the village committee in the middle of the night class, and students not in the minority in Xinjiang, how to ensure the quality of their normal class? Network class is a kind of virtual classroom, teachers and students belong to two different regions, how to ensure that students can complete the learning task with quality and quantity? This puts forward strict self-discipline requirements for students, and hopes that every student can be strict with themselves, to fight in the frontline of the medical staff as an example, perseverance, firmly set up the right value orientation, self-control, self-improvement, self-discipline.

#### **4. Conclusion**

Up to now, through the unremitting efforts of the Chinese people, especially the experts and scholars on the frontline and all medical personnel, remarkable progress has been made in the prevention and control of the epidemic. This war has most vividly demonstrated the determination of our people to come together as one and not stop until victory is won. In the course of epidemic prevention and control, the noble professional ethics shown by the medical staff and their spirit are also worthy of our medical students to learn and practice in the future work. At present, the prevention and control has achieved a staged victory, the number of patients discharged from hospital and the number of rehabilitation cases increases day by day, at this critical moment, we should be more vigilant, prevention and cure. As students of medical school in vocational schools, we should know that we should shoulder the mission and responsibility, always with heroes and models and advanced examples to spur themselves to study hard. With the professional ethics of doctors strict demands on their own, set up a correct value orientation. Actively participate in the network teaching, strict demands on themselves, actively complete the class tasks arranged by the teacher, timely interaction to the class process do not

understand the problem, class logistics practice, strive to learn from one example. With a positive attitude to respond to the hard dedication of teachers, but also to keep an eye on the national epidemic prevention and control progress. Tamping scientific knowledge, proficiency in operation skills, for the medical cause of our country to contribute a meager strength. We always believe that “winter has passed, spring will come”, China refuels! Come on wuhan!

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