

Chapter 461

Ouyang's workload has finally been reduced a lot in the tea vegetable hospital. It's not that there were more businesses in the past than now, but that she is promoted by her own hands or all the people she trusts. She is also relieved.

Ren Li of internal medicine continues to expand her internal medicine business on the premise of strengthening her intracardiac advantages. For example, the original special needs ward, which must be at a certain level, is now completely open. In the nephrology department, more than a dozen advanced dialysis machines have also entered the hospital.

It has also carried out some scientific research projects with some famous hospitals in bird city and the mainland. The communication between hospitals is also more and more frequent.

Zhang Fan, the surgeon, has started to go hand in hand with various departments. For basic surgery, Zhang Fan is already the leading doctor in the municipal hospital, that is, the so-called first knife.

This is not a department, but the whole surgery. Although they are young, they have strong professional ability. They have brought in doctors from Qingniao, professors from the capital and experts from the bird market.

People are like this. As long as they trust, everything is easy to say. Ouyang's leadership of such power control almost does his best to support Ren Li and Zhang Fan.

She knew that Zhang Fan and Ren Li had surpassed her in medical knowledge. Therefore, she is quite relieved about professional things.

Zhang Fan said that the C-arm in the operating room was a little backward. Ouyang directly held a bidding meeting, "within two million, choose the best." Internal medicine needs a physical platform for chronic diseases. Ouyang directly pulls out a separate floor on the new emergency building and gives it to Ren Li for layout.

When Zhang Fangang first became assistant to the president, the directors of surgery were a little unconvinced. It was impossible to talk about the violation of yin and Yang, but there was still silent resistance.

Sometimes, I ask the medical department to inform me that I will go to a department for administrative

ward round in the morning. As a result, when Zhang Fan passed, his ward rounds had been completed and all of them had been operated on.

Zhang Fan was not angry either. He began to sort out the departments one by one.

"In order to make the surgical system more dynamic and dynamic and better serve the people. The surgical department is ready to start large-scale military training and select professional pacesetters. Each department must form a mobile team with combat effectiveness.

In the future, there will be no fixed inpatient general manager and assistant director in the surgical system. They will be selected every three months. Those who are capable will go up and those who are mediocre will go down, and the whole process will be open. "

Half a month later, Zhang Fan's first administrative order was issued. Zhang Fan found Ouyang about this. As a result, Ouyang waved his big hand, "the normal business of surgery, don't bother me!"

Doctors at the director level are not required to participate in the treatment of emergency patients, surgical competitions and professional knowledge examinations. Zhang Fan selects and evaluates one department by one. Anyway, in surgery, if it is difficult for him, it is estimated that there will be no way in the tea element medical field.

Therefore, Zhang Fan, the examiner, is quite authoritative. The first department is the first Department of orthopedics. The Department started by Zhang Fan has almost no resistance.

After the three-day examination, Xu Xian was the first and Cheng Yang, another attending doctor, was the second. Then a red headed document with the president's seal was issued.

"Dr. Xu Xian was appointed as the chief resident of the first Department of orthopedics for three months to assist the director in dealing with the related business of the first Department of orthopedics. The second general of the first Department of orthopedics of Cheng Yang was hospitalized for three months. " With the issuance of the red headed document, the surgical system was directly surprised.

What does hospitalization always represent? It represents opportunities, unlimited opportunities for exercise, and the improvement of professional ability. This is the position of a small director!

The reason why the level of surgery is very clear is that the promotion of surgery is too slow. As long as there is an opportunity and a platform, no one is stupid. In the past, this position was generally nominated by the director and appointed by the hospital.

We have to try our best to please the director. Now Zhang Fan directly breaks the rules and selects by examination.

"The small leader began to set up his own business team. He didn't know what the Dean thought. He didn't speak at all and was very supportive. If this goes on, within two years, these young people will get up completely. "

The director of Urology and the director of anorectal Department chat together. Because of the relationship between the director of Urology and Ouyang in his early years, it is estimated that there is no room for improvement, so he is almost a little transparent among the directors of surgery in the hospital.

The director of the anorectal department is now in a state of trembling. Zhang Fan worked in the anorectal department for a period of time, which directly broke his authority. Now the doctors in the Department have begun not to take him much.

"Tell me, why does this boy eat so deeply? It's only a few days. He's already a little like your old European style. Look, old one, he and Ren Li elevated Lao Gao and several other vice presidents.

You don't know that the bastard started the selection when he changed hands. Now the doctors in the Department are working harder and harder than one, waiting for Zhang Fan to be selected.

As long as these people endure for half a year, do you think we still have the right to speak? " The director of anorectal Department said sadly.

Because he said that Ouyang, the director of Urology, gave him a white look and drank a mouthful of water, "the president also took great pains to the small leader. Look at his track. He first represented your position in the anorectal department for a period of time.

Then he directly pulled away and became the general orthopedic inpatient. Within a few days, he became the assistant director. It is estimated that the president of Chen Qi is also investigating, and Zhang Fan passed the test.

Then the Dean completely began to delegate power. In terms of technology, in tea surgery, the little leader said he ranked second. Who dare to say first? Dare you? Anyway, I have no face to say that I do better than him in urinary surgery.

As long as the hospital can improve its technology, reputation and become a bully in Northern Xinjiang, Zhang Fan wants the stars in the sky. It is estimated that the president will find a way.

I heard that last time, he was going to your department for ward rounds. Did you stand him up? "

"Isn't there an emergency operation! I didn't mean to target him. " The director of anorectal Department explained that no one knows whether to believe it or not.

"Hehe, look, you're in trouble. If you don't give people face, they just lift the table. It is estimated that all

the surgical directors have little opinion on others, but they are angry with you, you! It seems that she has become younger since she married a beautiful woman! "

"Don't talk nonsense. It's definitely old Ou's idea. Hey! The old fox and the little tiger fight. We can't live this day. It's going to change! How can you carry it like that? If Lao Huang were there, it would be great. "

The directors can't stop them if they want to. They dare to object. The following doctors rebelled first. They can quickly improve their business level without pretending to be grandchildren. Who doesn't want to be happy.

For a time, as long as the surgeon is a little angry, no one does not start the liver.

"God, you've seen the middle volume of Huang Jiasi's surgery book! Stay up late every day? "

"You are not the same. Surgery must have been turned over countless times." The surgical atmosphere is completely different. Except for the usual work, I don't need to be urged by others, and I can hardly leave my book.

"Your family Zhang Fan didn't disclose any information in advance. I didn't read any books in this exam. I'm so angry. " Wang Yanan was the fourth in the examination department. Although it was good, she had nothing to do with the total hospitalization in the past three months.

Watching Xu Xian show off, she is going crazy. The level of surgery is like this. As long as others are one level higher than you, you must obey. In the past, the two people robbed each other of the position of the main knife. Now Wang Yanan has no confidence.

"Ha ha, OK. Come back in the evening and I'll beat him to relieve your anger." Shao Hua never interferes with Zhang Fan's work. At most, he comforts his best friend in words.

"OK, hit him more. Be sure to hurt him." Wang Yanan said angrily.

"No problem. Why don't you come out at night and call Shangyue Yue? We'll have hot pot. It's my treat."

"No, I want to prepare for the war. I must be the first next time. I have to fight for breath without steaming steamed bread."

Ouyang supports. The following doctors actively cooperate. They don't have a few days. The selection of all departments of the hospital surgical system was completed. With letters of appointment issued from the dean's office, these top doctors took office.

Not finished, then Zhang Fan incorporated all the doctors in front of the Department examination to form a department medical mobile group. The new inpatient general manager is responsible for carrying

out business training.

The emergency center requires consultation for surgery, and the mobile group of relevant departments is directly a medical group. When a new patient enters the Department, the inpatient always takes the doctor to deal with it first.

If you can't handle it, ask the superior doctor and the director. If the director can't solve it, ask Zhang Fan again. As long as there is prevarication, Zhang Fan will play the board directly.

The selected doctors have completely entered the purgatory mode, painful and happy, really painful and happy. In the past, we had to look at our faces and queue up in order to improve our level.

Not now. As long as you have the ability and energy, the operation can never be completed. There are opportunities for promotion. The relative workload is also several times larger. Doctors who haven't been home for three or four days are too common. No one forces you not to go home. But the doctors who have not been selected are already eyeing.

"The atmosphere of surgery has changed greatly recently. I wanted to change it like this before, but after all, I came from internal medicine. At the critical moment, some directors put off the challenge, and I really can't help it.

Hehe, there are a lot of complainants recently. At this time, we should be steady. Don't let the doctors get too tired. As long as there are no medical accidents and keep these two or three rounds, it will become a routine of the hospital. "

Ouyang doesn't worry about other aspects, but he is afraid of medical accidents. So I took the time to explain to Zhang Fan.

The selected doctors are tired, and Zhang Fan is not relaxed. For many difficult operations, Zhang Fan must take the lead. In more than a dozen surgeries, Zhang Fan is almost connected.

Everyone is cooking, everyone is fighting. This opportunity is like sailing against the current. If you don't advance, you will fall back. Once you are separated by others, it may be a lifelong distance.

China's medical system is relatively stable compared with other industries, especially in class III hospitals. As long as you enter the hospital, it's almost a lifetime, so no one dares to relax.

Inside the hospital, doctors are in full swing. Outside the hospital, the patient group has also changed.

"My varicose veins are getting more and more serious. I'm going to have an operation in a few days. Do you want to go to the traditional Chinese medicine hospital or the municipal hospital?" A middle-aged woman chatted with another middle-aged woman.

"Of course, go to the city hospital. You don't know yet. The level of the municipal hospital is getting

higher and higher. The hospital does not make an appointment a week in advance. There is no bed directly. Even if the emergency department goes in, it can only live in the corridor.

Look at the traditional Chinese medicine hospital, such a large hospital. There are still some patients in the morning. There is no one in the afternoon. You go to the traditional Chinese medicine hospital and don't worry about being damaged by two knives! "

"Really? I have to line up early. "

Medical treatment depends not on advertising, but on word-of-mouth and word-of-mouth. There's no way to sell any advertisements or discounts. Even if a department hospital hits the advertisement to Mars, it can't cover up the ugly face of adding fees on the operating table.

Medical treatment, yes, it is a service industry, but it has a premise, a special service industry. This place is for medical treatment. It is desperate for money. Why do you need to engage in medical treatment? Can't you go to other industries!

The president not only did not object to the large-scale military training in surgery, but also strongly supported it. Then, at the proposal of the head nurse, the nursing department also began a large-scale military training. Ren Li did not lag behind, and then began the large-scale military training of internal medicine.

Zhang Fan was to have a more convenient operation. Unexpectedly, the fire became a raging flame and the city hospital was burning vigorously.

"Director, this patient, from Kela City, does not belong to the tea vegetable area. What should I do?" The inpatient department, the window for hospitalization, and the little girl in the finance department don't know what to do.

"Do you have a transfer certificate?"

"No, I heard that the hepatobiliary surgery here was done well, so I came."

"Well, it's probably a little troublesome for you to go back."

"It's all right. I know that."

The radiation began. In the north of the frontier, there were several regions and several cities. As a result, the tea vegetable hospital directly began to radiate. In the past, patients could only go to the bird market or the mainland after they could not be treated locally. Now there is one more choice, the tea vegetable hospital.

Because of the large-scale collapse of medical care in the late Soviet Union, the health care in Stan, which was not very good, was even worse.

With the development of tea element hospital, people from several neighboring countries began to appear in tea element hospital. In the past, the rich in these countries went directly to the bird city when they were ill. Now even ordinary families can come to China to see a doctor, because tea is too close to them, 50 or 60 kilometers away.

"Oh, my Zhang Yuan, a local tyrant from Stan came today and directly invited the chef of the general hotel to cook for us. What would you like to eat? I'll let them do it for you!" The head nurse in the operating room cares about Zhang Fan affectionately.

Because of the increase of surgical patients, Zhang Fan decided to set up an ICU under the operating room, and the postoperative patients no longer need to go to the hospital ICU.

The proposal has been discussed. Of course, the head nurse of the operating room is willing to concurrently serve as the head nurse of the newly established department, so recently, as long as Zhang Fan has an operation, she will come to show her existence.

"What patient?" Zhang Fan is curious. Today's operation doesn't seem to be in the state of sta.

"Before he was hospitalized, he just expressed his mind first."

Outside the hospital, several Mercedes Benzes, which are very rare in tea, drove into the hospital.

Chapter 462

Rich people, what kind of travel on TV? A bunch of cars, bodyguards in black sunglasses and black suits get off, and their hands are still in their arms. This situation can't be seen in the tea market.

Chinese speak low-key. If the local rich do this, they may be drowned by spitting ideas. Maybe it's because of traditional culture, or maybe Zhang Fan hasn't seen the world.

There are three Mercedes Benzes coming today, which is not exaggerated to the appearance of bodyguards, but the clothes of the people who get off the car are a little exaggerated.

Chinese people love jade and gold. The STAS are a little different. They love beautiful gemstones and gold, ruby, sapphire and gold chain. Standing in the sun, gemstones are particularly dazzling under the sunshine.

Moreover, due to different eating habits, the people who got off the bus were relatively strong and dressed in unique ethnic costumes. After a while, the retired old men and women came to prescribe chronic outpatient prescriptions and began to watch. A group of old men and women who ate melons pointed out: "who is such a big formation!"

"Looks like a foreigner." Then a car with a side o heading also drove into the hospital. The old man and the old lady are already watching on a large scale.

Although it is a government car, I dare not sound the horn to make these old men and women make way. Northwest people are stubborn. If you dare to play the horn in a place that is not a highway, someone will dare to compete with you. They don't care if you're a government vehicle.

The driver was also polite. He opened the door, stood by the car and shouted to the crowd, "uncle and aunt help. Let's make way. They are foreign guests. Don't wait to see a doctor. We have to queue up again!"

"Oh! Maozi, no wonder. Gone, gone, nothing to see. " The old man and the old lady scattered. As they walked, they whispered to the people next to them: didn't they say that maozi couldn't work? Why did he start shaking again.

"Don't we buy people's natural gas and oil!" Then he began to talk about the organization of going up and down the river and the organization of South Josiah.

It turned out that the old man was really sure. These foreign guests who came by Mercedes Benz used to herd sheep. At most, there were only a little more sheep. There was no exaggeration at all. They are the head of a local tribe.

As a result, they suddenly shook up because they found natural gas in their place. The country makes big money, and they make small money. From the past, riding donkeys and herding sheep has suddenly become a luxury car and clothes.

Of course, at their level, the government will send an officer without even a leader. Because of the poor living conditions in the past, various diseases have not been treated.

After getting rich, as long as you get sick, you will go to the bird market for treatment. Because of the growing popularity of the tea vegetable hospital, some people began to choose the tea vegetable hospital. After all, it should be closer and more convenient here.

Zhang Fan has become a hospital level leader. In the past, the acting director and assistant director were actually the words of the hospital president. The superior assigned him to work.

Now it's different. As long as it's about the hospital, he must participate and even say his own ideas or suggestions without ambiguity.

Government officials took a group of foreigners and directly found Ouyang. With the improvement of the reputation of the hospital, there are more and more such things, so there is no fuss.

"This is chief XX. He is a little uncomfortable and his family comes for a comprehensive physical examination." The officer introduced the two sides to Ouyang.

Of course, local tyrants have to be treated like local tyrants. Rich, their country found natural gas, and then China Railway Construction and large state-owned construction companies in various places directly entered the local area. From the laying of pipelines to the construction of relay stations, they were all done by Chinese people.

It can be said that people's natural gas is directly supplied to half of China. Although it is only a small chief, it can really be regarded as a local tyrant.

In the special needs section, the most luxurious wards were all wrapped up by others " Doctor, OK, there's no problem! Look good! " The chief, with his mouth full of gold teeth, said to Ouyang and a group of hospital leaders.

I don't know why, as long as people in Stan have money, they knock good teeth and install gold teeth. Those with less money are inlaid with a gold shell, and those with more money are directly put on pure gold teeth.

Looking at the dazzling gold teeth, Zhang Fan was also very puzzled: "this golden pimple is not too flustered!"

Located in the frontier, a group of hospital leaders still understand their stanesque Chinese.

"No problem, the best doctor is for you." Ouyang happily communicated with each other in Stan's Chinese. This patient is Ouyang's favorite. Money, and don't worry about health insurance restrictions.

If there are thousands of such patients a year, it won't be long before Ouyang can buy a special CT for surgery.

I don't know who said she wanted to develop extracerebral CT. She couldn't get up without special CT in the operating room.

So recently, the old lady, who has nothing to do, inquired about the CT beside the bed, but the price also cooled the old lady's heart.

With that, Ouyang looked at Zhang Fan and Ren Li, and then said, "just these people, let's check directly!"

"Good!" Zhang Fan and Ren Li put on masks, took out a stethoscope and began to have a physical examination.

"This is the cadre of the hospital, the largest cadre and the best doctor." He also showed his thumb, and Ouyang introduced uncle Jinya.

"Hehe, good, good!"

"Come on, please lie in bed, curl up your legs and show your stomach." Zhang Fan said to chief Jinya.

As soon as the sentence is long, once the meaning is a little more complex, they can't understand it. However, many nurses can speak the language they can understand, so they don't have to ask a professional translator.

Their shoes are very special. Mainland Chinese should not have seen many of them. How to say, it is to wear a riding boot first, a riding boot that can reach the knee. Then put a boat shoe over the riding boots.

When you go to bed, take off your boat shoes and go to bed in your riding boots. And because the grassland weather is changeable, they wear a lot, layer by layer.

"What's wrong?" Zhang Fan checks men and Ren Li checks women. Just a dozen people, it won't take long.

"Belly, belly. Well, it hurts! Oh, yo, slow, slow!" When Zhang Fan examined the gold toothed chief, he frowned slightly.

"What's the matter?" Ouyang looked at Zhang Fan's expression and hurriedly asked.

"There is a lump in the abdomen with hard texture, obvious tenderness and considerable mobility. The size is about ten centimeters." Zhang Fan really didn't know what this was for a while.

It's a tumor, but the activity is too large. It can move from the bottom of the stomach to the stomach body, and from the pylorus to the blowhole. It's a foreign body, but how can such a large foreign body be swallowed!

"Tumor?" Ouyang didn't talk much, just asked with the simplest words. If you are a Chinese, Ouyang usually asks with cancer.

"I'm not sure. It shouldn't be." Zhang Fan was also curious. After the physical examination, Zhang Fan

straightened up and said to Ouyang, "do an abdominal examination first. Now there is no way to determine the nature of this thing."

As Zhang Fan spoke, he was also thinking about what this was. After Zhang Fan finished the inspection, Ren Li also finished the inspection.

"Several people's hyperlipidemia and hypertension can't run away, and there are liver problems."

"Check first, and do everything you can. They came here for a comprehensive physical examination. " Government officials also spoke.

Zhang Fan was curious about the lump in the stomach of the golden tooth chief and followed him all the way.

"What is this? The diameter is about 15cm. " The deputy director of the color Doppler ultrasound room is also very strange. She has been practicing medicine for more than ten years and still "is it? Li Xiang, I know. Hehe, I'll contact you. " With that, Ouyang ignored them and went straight back to the office. The current president of the traditional Chinese medicine hospital is the former vice president of the tea vegetable city hospital.

When he left, he poached several deputy directors of surgery and senior surgeons. Ouyang was angry at that time and brought a lawsuit to the largest leadership table of tea.

But the doctor couldn't help it for his better development. Ouyang suffered a dark loss. This time, she immediately waved her hoe to dig people. There was a lack of leaders in the digestive department, and she could take revenge. She didn't have to think about it.

"Secretary Ren, how about these patients?" Zhang Fan asked Ren Li.

"The old high blood pressure and hyperlipidemia can't run away. There is a female patient who has undergone liver hydatid surgery, but this time the symptoms seem to have relapsed. You'll have a look later."

"OK. We'll have a physical examination first, and then we'll summarize it. Secretary Ren, I'll go first and have an operation. " Zhang Fan said goodbye with a smile.

As Zhang Fan walked, he thought about Uncle Jinya's condition.

"Zhang Yuan!"

"Zhang Yuan!" As long as he is in the hospital yard, Zhang fan can't think well. There are too many people to say hello.

I haven't thought about it yet. The operating room is here. Today, there are several patients with

emergency fracture and several patients with cystostomy. The operation is not difficult.

But recently, because of the total hospitalization system, most doctors in charge of surgery are not the directors of departments, and Zhang Fan dare not take it lightly. Therefore, I soak in the operating room almost every day.

Ouyang is also busy. He's busy making phone calls " Recently, how is it? I heard that Lao Chen has made drastic changes to your hospital? "

"Ah! Yes, it makes people panic. " This is a vice president of the hospital of traditional Chinese medicine.

"If you don't feel comfortable doing it, you can have the position of vice president." Anyway, the leaders at the level of vice president can't be decided by Ouyang, but it's no problem to say a few warm words.

Chatting, I inquired about the Department of Gastroenterology in the hospital of traditional Chinese medicine. The Department of Gastroenterology in the hospital of traditional Chinese medicine, combining western medicine with Chinese medicine, has developed well, and director Li Xiang is also very powerful.

But the new president wanted to improve the surgery of the hospital of traditional Chinese medicine, and the resources were inclined. Then the digestive department was dissatisfied. It became a competition between the director and the president.

Ouyang originally wanted to dig the director, but his heart was big!

Zhang Fan has been really busy recently. If Lao Gao and the first Department of orthopedics had not supported him, the directors of cardiothoracic surgery and brain surgery would not be able to split him into three.

The improvement of doctors' operation level is not overnight. Fortunately, the directors of several major surgical departments support Zhang Fan.

"Be gentle and clever, not reckless!" Zhang Fan and Wang Yanan performed a fracture internal fixation operation while guiding " Peel less periosteum here! We treat diseases, not films. We peel off more periosteum. Yes, the films look good. What if a bone doesn't connect! "

That is, on the operating table, what Zhang Fan said and what Wang Yanan listened to. If it was normal, he would have bared his teeth.

After the orthopedic operation, Zhang Fan went to the anorectal operation again. The operating room is really busy. Here, bird market has made an appointment for several liver tumor operations. If it hadn't been for the systematic transformation of his physical quality, Zhang Fan would have been on the stage. He was too tired.

"Eat more. Look at you. Your eyes are a little refreshed recently. Don't wear yourself out. " Shaohua distressed Zhang Fan with vegetables. After dinner, Zhang Fan didn't even have the strength to read. He lay down in bed and fell asleep.

Surgery is not difficult, but it's a lot. One by one, it's too hard.

Early in the morning, "Zhang Fan, I dug up a master of digestive endoscopy. Will I have treatment today?"

For treatment, Ouyang is now completely decentralized. She knew that her medical knowledge could not be compared with Ren Li, and surgery could not be compared with Zhang Fan.

So now she tends to be a logistics minister, "really! Great, Dean, you're great. I'm on duty in the urology department now. I'll come to the endoscopy room later. "

Ouyang was really powerful. He directly took the director of the digestion Department of the people's Hospital of traditional Chinese medicine with several deputy high school students and dug them all up. It is estimated that the next two presidents will file a lawsuit. But this kind of thing doesn't bother Zhang Fan.

Endoscopy room, "this is director Li Xiang, this is the president in charge of surgery, Zhang Fan." Ouyang smiled happily and became a peony.

After a while, the patient and medical record came, "God, it's so big. This disease was common in China in the early years, but later it was rare. When I first entered the hospital, I saw a case. I didn't expect... "

"Director Li, how is the therapeutic effect under this microscope?" Zhang Fan looked at Li Xiang and asked.

"It's hard to say. Try it. If you can't, you still have to have an operation."

"Well, try it first. If you can treat it under endoscope, it's best to treat it under endoscope."

Uncle Jinya began to break his teeth!

Chapter 463

Director Li Xiang found a good combination of Chinese medicine and Western medicine, especially in ulcer treatment.

When she took off her white coat and changed into a short sleeved green brush suit, Zhang Fan knew that the female doctor was a gastroscope expert.

What is gastroscope? With the development of science and technology, gastroscope is getting thinner and finer, and its operation is getting better and better, but everything changes. The first is a long tube with a camera at the end.

The camera can be changed through the control wheel in the doctor's hand. Just like the snake head, after entering the digestive tract, this lens can observe the digestive tract in all directions with control.

The controller of gastroscope is much smaller now. In the early years, the controller was as heavy as the steering wheel without booster. A gastroscope lasted about 20 minutes or even longer.

After years of operating the gastroscope, Dr. Li Xiang's right arm controlling the steering device is much thicker than his left arm. If he is a male doctor, he may not be able to see it, but it is very obvious in the female doctor. The muscle stripes on the right arm are very clear.

"Dr. Li is also a doctor who can liver. I don't know how many gastroscopy have been done to exercise this arm." Zhang Fan thought to himself.

"Director Li, how many gastroscopes do you have?" Ren Li asked.

"Me? It's estimated that there are 10000 or 20000. Hehe, when I first entered the hospital, I stayed in the gastroscope room. " Director Li smiled very gently. He didn't see it at all. He seemed to be the person who took the bull with the dean. It was estimated that he was bullied and anxious before he began to resist.

"Come on, open your mouth and swallow down. Come on, swallow." With Dr. Li's voice, the gastroscope entered the mouth, esophagus and stomach along the mouth pad. With tears and a runny nose, uncle Jinya began to swallow the pipe and the black pipe.

It is necessary for a long tube to go all the way from the mouth to the stomach. Now the gastroscope is much thinner, which is probably the thickness of an ordinary chopstick.

The gastroscope in the early years was called a thick one, which can produce a very strong sense of suffocation and hiccup when you want to vomit and can't vomit. This feels very bad. This is also the reason why patients who have done gastroscopy once are very resistant to rechecking gastroscopy again.

How uncomfortable is it? In fact, it's also very simple. Grow up your mouth and plug your longest finger towards the esophagus. No matter whether hiccup or not, Hiccup has been inserted and not taken out. This feeling is magnified ten times, which is the feeling of gastroscopy.

Uncle Jinya's gray beard was drooling. Although he was holding a paper towel in his hand, it was uncomfortable that he couldn't care to wipe his saliva.

"Ulcers! Look, this is the stone in his stomach. " With director Li's words, Zhang Fan and other doctors immediately came forward and stared at the monitor.

"My God, what did you eat?" Another doctor looked at the monitor and said.

"How big!"

At this time, doctors also saw the stone in Uncle Jinya's stomach from the monitor. The texture is black, and because of the mucus in the stomach, this round thing looks like the mucus on the surface of the frog's body, which is uncomfortable.

Vegetable leaves, carrot fragments and noodles hang on this blackened thing. As the endoscope approaches, the circular objects become clearer and clearer.

There are food scraps hanging on the big ball, and in the gap of these scraps, there are black hair like things derived from it.

Because the foreign body is too large, it directly compresses the pyloric of the stomach. With the action of hiccup, the stomach fluctuates, and the circular foreign body also rolls in Uncle Jinya's stomach.

Black fluffy objects constantly stimulate the gastric mucosa, rolling around uncle Jinya's stomach like a child's head.

"Er!" A pregnant female doctor almost threw up in the gastroscopy room. Because she was a pregnant woman, Ouyang standing on the side didn't criticize, "go out and don't look!"

"Director Li, is this gastrolithiasis?" This is the first time Zhang Fan has encountered this disease. Although it is the first time, he still knows how to treat it.

"Yes! It's gastrolithiasis, but it's so big, and this kind of stone with hair is very rare. " Director Li said to Zhang Fan while operating the gastroscopy.

"Director Li, try the texture of this thing and see if you can fragment it." Zhang Fan then said.

"It's hard to estimate, you see." As he spoke, director Li brought the gastroscopy closer. "The hair is

stuck together like your man's hair inch. It's hard to stand up. I'll try."

Speaking, director Li came forward with biopsy forceps to clamp, but he couldn't clamp at all. "This is a mixed stone. The biopsy forceps can't help it. " I tried several times, but I pulled out a little hair, and there was no trace on the stone.

Biopsy forceps are like multi tooth connectors connecting electrodes. Not to mention soft tissue, even cartilage may be able to bite off, and the biopsy forceps can't help because of the shape and properties of this stone.

"Director Li, will this thing increase over time?" Zhang Fan looked at the same thing as the child's head and said to Director Li.

"Yes, look at these hairs. Are they human hair? They are wrapped in stomach protein layer by layer and turn into male cuntou. No way. First try the enzyme solution or sodium bicarbonate solution to see if it can be dissolved. The biopsy forceps can't help it. "

After taking photos and sampling, the gastroscope began to withdraw bit by bit.

"This is a complex gastrolithiasis, which is very rare." After director Li finished, he asked Uncle Jinya again, "did you like sour things when you were young, such as immature persimmons, black dates and hawthorn?"

"No! I love sour food. " The nurse translated.

"Sour?"

"Sour?" A group of young doctors looked confused, even Zhang Fan.

"I know it's a wild sour fruit on the grassland. It's very sour. It's more sour than unripe green apricots. I ate it several times when I went to the countryside for free clinic in pastoral areas." Ouyang took over the conversation.

"I can't run anywhere." Director Li nodded thoughtfully.

"Where did this hair come from?" Another female doctor thought of something like a child's head and felt her goose bumps. "It can't really eat people!" She didn't say that.

"What did you do when you were young?" No one answered the woman doctor's question, but Zhang Fan began to ask.

"Sheep, hunting!"

"Do you herd sheep and hunt alone?"

"Well, when I was young, I was mostly alone. My children were small and I could only be alone." The little nurse was translating.

"Love meat? Drink milk every day? "

"Yes!"

Chapter 464

"Doctor, is there any way? Cut off your stomach! " Uncle Jinya said to the doctors while loading his gold teeth.

He was also afraid. In his country, for various reasons, the hospital doctors were lazy, didn't work and treated rudely. At that time, he told him to cut off his stomach. The old man was frightened. It was just the right day to cut his stomach. He hurried to bring his family to China.

Zhang Fan smiled at the old man. He was going out to discuss the treatment plan with the doctors outside the door. Because the gastroscopy room needs to see the monitor, it is generally dark.

When they saw the old man in a hurry, Zhang Fan didn't go either. They just stood in front of him and waited for the old man. Without worrying about anything else, they worried that the old man would swallow his golden teeth in a hurry.

"If you don't cut your stomach, treat it first, and then look. If you can't, open your stomach and take out the round lump in your stomach like a doll. Then sew it up, like sewing clothes, sew it up. Just fine. " Zhang Fan patiently explained.

"Sew well, you can't leak! There are people who pounce on Lu. " The old man is also a strange man.

"No, no, it won't leak." Zhang Fan smiled. After the old man pressed his teeth, he turned out of the gastroscopy room.

"Come on, let's go to the conference room and talk about it." Ouyang came to the meeting room with a group of doctors.

"The transfer orders of director Li and several directors have not come down yet, but there will be no

big problem. I'm really sorry to let director Li work before we have a welcome meeting! " Ouyang said to the doctors with a smile.

"Good food is not afraid of late, Dean. We're not in a hurry." Director Li said with a smile.

"Ha ha, I will be a comrade in arms in the trenches in the future. Today, let's talk about the patient's condition. The government has specially explained that we should take care of treatment. Director Li said first. "

The doctor of dry digestion has nothing to be afraid of. Director Li said after a little thought: "the stomach stone is very hard and has complex components. It is estimated that the effect of conservative treatment is not ideal. Still need surgery. "

"Can you make it smaller? This shape is too big, almost the same as the whole gastric cavity. The operation is too damaging. " After director Li finished, Ouyang looked at Zhang Fan.

"Try some enzyme preparation or sodium bicarbonate solution." Another deputy director from the traditional Chinese medicine hospital said.

"How did this hair like object come into being?" A female doctor who asked in the gastroscopy room asked again.

It's not her curiosity, but the uncle, with gold teeth and wrinkles on his face, looks a little like Grandma wolf, and the stone in his stomach is like a child's head. It seems too terrible to think about it. If you don't ask clearly, it's estimated that she doesn't dare to come to the hospital.

"The formation of conventional gastrolithiasis is generally due to the fact that after eating a large number of foods rich in tannic acid, it condenses into jelly like in the gastric acid environment, and then combines with the protein in the food to form water-insoluble tannic protein. After adhering to the food, it begins to become larger and larger." Director Li explained with a smile.

"Where's the hair!"

"Hehe, I think President Zhang seems to have asked the key, otherwise president Zhang will talk about it." When director Li Xiang was in the gastroscopy room, she was also very curious about the young Dean Zhang Fan. With Zhang Fan's inquiry, she also felt that the young doctor was not ordinary.

"OK, let me say something." The doctors of the two hospitals are integrated together. It is impossible to

have a very tacit understanding at the beginning. It is from the slow test that you know my length and I know your depth, and then it becomes harmonious.

Zhang Fan started without thinking: "from the roughness of the patient's facial skin, it is obvious that he has many years of outdoor work experience.

Combined with the consultation, it can be judged that the living environment and nutritional status of the patient in his early years are general, which leads to the imbalance of his nutrition and the particularity of his work.

Herding sheep and hunting are almost one person. In the deserted wilderness, lonely people will unconsciously contain something in their mouth, which is the so-called sense of psychological security.

And he doesn't need anything special, like his own hair. After a long time, it becomes a habit, and then there may be the phenomenon of swallowing hair.

Combined with the consultation, the patient likes to eat acidic wild fruits containing tannic acid, and in the pastoral area, three meals a day are inseparable from a large number of dairy products. Over the years, protein is wrapped in protein, mixed with hair and food residues, wrapped layer by layer, forming today's form. "

As soon as Zhang Fan finished speaking, director Li smiled and said, "it's great. Zhang Yuan observed carefully and the consultation is also very good."

"Hehe, we will all be a family in the future. We don't have to be polite to each other. What now? " Ouyang smiled and said to Director Li that Zhang Fan's analysis could be recognized by director Li. Of course, she was happy.

"Oh! ~" Zhang Fan explained that the young female doctor who had just had questions began not to be afraid, "eating hair, pica!"

"Director Li, try conservative treatment first? Is it dangerous? " Secretary Ren Li asked. Although she was not engaged in gastroenterology, she also saw the situation under the endoscope just now.

"You can try, but because the stone in the patient's stomach stimulates the gastric wall all year round, a certain area of ulcer has been formed. If you use enzyme preparation or weak alkali, it may aggravate the patient's symptoms or produce bleeding. Even perforation. " Director Li, holding the pen in his hand, frowned.

"You can take it in small doses for observation. If it works, you can first take drugs to protect the gastric mucosa to recover the ulcer, and then dissolve the gastric stone. It's still too damaged to operate directly." Zhang Fan said while recalling the situation under gastrocope in his mind.

Although the ulcer depth is not large, no one can guarantee this. The gastric mucosa is very strange.

Sometimes a little ulcer may lead to perforation because of idiopathic effects.

"Yes, let's have a try."

Treatment, especially many medical treatments, because of the specificity of the human body, we must find a suitable treatment for patients, but

"Sweet!" Uncle Jinya took a sip of enzyme preparation with sweetener.

Wait, it is estimated that before the stone changed, the old man began to cry with his stomach. "Let him drink milk!" Director Li, who is on our side, quickly commanded the nurse.

"No! If the enzyme preparation can't resist, don't think about using weak base." Zhang Fan shook his head and went out of the ward.

"Operation, explain the condition to the patients and their families, and prepare for operation and take it out!"

"That's the only way."

Chapter 465

The stone on the cow is bezoar. This thing is especially effective for children's convulsion. Its price is higher than that of gold. Of course, manual is another matter. A stone on a dog is a dog treasure, which has a certain effect on some specific esophageal cancers.

When a stone comes out of a person, it is either painful or uncomfortable. The production of this thing is explained in professional terms, which is very complex.

Generally speaking, it's also very simple. Oxalic acid in plants denaturates and solidifies the calcium in milk and the coupling in protein.

In particular, some people eat sour dates, hawthorn and grapes without spitting seeds. If they don't do well, they will become stomach stones. Compared with other animals, people are still too delicate.

Uncle Jinya's examination results were sent to Zhang Fan. Except that the blood pressure and blood lipid were a little high, there were no other chronic diseases at all. The basic conditions for surgery were good.

When he had no money, uncle Jinya didn't see a doctor in the local hospital, but since he had money, he cherished his body more and more. When Zhang Fan informed him and his family to explain his condition, the old man trembled and couldn't walk normally.

"Open your stomach and breathe! Doctor, be careful. What if it leaks? If the amniotic sac is not sewn well, the water will leak out! " The old man kept on talking.

Zhang as like as two peas in a plane, as he did for the first time, was not laughing at him.

"Don't worry, it must be sewn well!"

"Sew more layers!"

"OK, no problem." Zhang fan can't use professional terms to reassure the elderly. He can only explain it with the elderly's ideas.

"Your father, there is a stone in his stomach. Now he needs surgery to take it out. This treatment is traumatic and has certain risks and sequelae."

"Know, know, just like taking a doll from my stomach, I know, so is my sheep jar (wife). Just let the doll come out!" The old man's son was very relieved. He had undergone laparotomy.

The old man looked at his son's indifference and was a little angry. After Zhang Fan introduced his illness, the family went back chirping.

The stomach is a very important organ of the human body. The so-called illness comes from the mouth. It's all right. A large part of the residues of bacteria, viruses and modern pesticides enter the human body from the mouth.

It can be said that 90% of the food you eat is food, and the rest is either bacteria or viruses. There is no problem at all.

Even after you eat a boiled egg, peel it off and come into contact with the air, you have been infected by a large number of bacteria and viruses. Washing your hands after defecation and before meals is just to reduce the number of viruses and bacteria.

It can be said that if there is no stomach and gastric acid in the stomach, ordinary bacteria in nature can eat people. The digestive juice in the stomach is HCl with a high concentration, which can be said to be strong acid.

E. coli and Staphylococcus aureus can't survive in the stomach as long as the quantity level is not very large. In other words, as long as you pay attention to hygiene, you can't take the bacteria that enter the body through the esophagus.

Is HIV bad? Powerful, but as long as it doesn't enter blood and smoothly enters the stomach, it will be killed by gastric acid. That's it.

At present, the bacteria that can survive in the stomach, that is, Helicobacter pylori, even if this bacteria, are obscene and live in the pylorus, which is the place with the least gastric acid in the stomach.

Because this place is where the stomach and intestines connect, and it is for this reason that most gastric cancer occurs in this place.

After settling down for the operation preparation, Zhang Fan went home from work. It was not easy for him to encounter the emergency operation. Zhang Fan hurried home in his car. He hadn't had dinner with Shaohua for a long time.

"Go wash your hands and eat. You're tired. Look, you've lost weight. What are you doing, nagging assistant? Can't we do it?" Shaohua's mother complained while holding slippers for Zhang Fan.

"Hurry to cook. You'll talk a lot and know nothing. How many people want to be. When we used to fight in the general assembly, we didn't go to the construction site for days and nights. Young people don't know what fatigue is as long as they eat and drink well. Bring out the fish soup quickly. "

The old man urged the old lady. In fact, the old lady was in love with Zhang Fan. The old man at home was the old lady of the director and section chief before he retired. He didn't play with Shaohua's mother before. Although he retired, the government will visit them every year.

Now, I'm very enthusiastic about Shaohua's mother. This is that naked different division of labor has created different social status. Why didn't I surround Shaohua's mother in the past? The old lady is like a mirror in her heart.

"Whose X-ray is this! God, what's a ball in this man's stomach? Are you pregnant?" Shao Hua was carrying Zhang Fan's handbag. Seeing an X-ray, he took it out curiously.

"You look like you have culture and no knowledge. This is your stomach!" The old man also came together and was as white as a girl.

"As far as you know, what do you say, what is this?" Zhang Fan is washing his hands in the bathroom, and his father and daughter are arguing in the living room.

"This is what you ate." The old man carefully analyzed it with reading glasses.

"So big, how did you eat it? Neza! "

"Go! Put it away. Don't lose it tomorrow. " The old man couldn't see why, so he took off his reading glasses and said to Shaohua.

"What is this?" After Zhang Fan came out, Shaohua asked Zhang Fan curiously with the film.

"Stones in the stomach!"

"God, how did this happen?" Women, especially unmarried women who have never had children, are very curious about this round thing in the abdomen.

Some yearn, some fear, nature dictates.

"It's caused by careless diet." Zhang Fan came back with the film to take a picture of Shaohua with the SLR sent to her by her unit. This patient is very typical. Zhang Fan wants to make a file.

"What are you eating?" This time, Shaohua's father was also curious.

"People with poor digestion, especially children, may form such things when they eat unripe persimmons, sour jujubes and apricots."

"Well, well, let's not eat those sour things. Come on, eat quickly. Zhang Fan, taste the fish soup. This is the fish your uncle caught in the river. It's very fresh." Shaohua's mother has filled the table with food.

"Well, I smell good. The saliva has come down. " Zhang Fan said with a smile.

"Then eat quickly."

There is Zhang Fan. The atmosphere of eating at the table is different. In the absence of Zhang Fan, the two women will pick up the old man from time to time. It is impossible to chat.

Zhang Fan not only doesn't hate the old man, but also can chat with the old man. Moreover, Zhang Fan has a good appetite, which is much better with his family.

After a noisy meal, Zhang Fan asked Shaohua to take photos.

Chapter 466

People, in fact, only those years can work hard. Those years without marriage and children are the best time to lay a foundation. With a foundation, you may be able to sublimate over time. Once you wander through it, it will be very difficult to struggle again.

Zhang Fan has a system, eats and drinks enough, sleeps, and the power is full again! In the hospital, especially in the surgical system, because of excessive work, doctors who are a little old are really gritting their teeth and insisting, and even the life of husband and wife has become a luxury.

In the morning of general surgery, a group of attending doctors looked depressed. The high hanging hospital is always like the carrot hanging in front of the donkey. If you don't work hard, it belongs to others.

After arranging tomorrow's operation and explaining the work of some departments, Zhao Pingquan, director of general surgery, said to the doctor, "now let Zhang hospital say a few words."

"Today's operation is the removal of gastrolith in patients with gastrolithiasis. Are all the preoperative preparations ready? " After a period of confusion, Zhang Fan is now used to this position.

"Zhang Yuan, ready. Gastrointestinal decompression has been ready since the day before yesterday. I've been fasting since yesterday. All nutrition is outside the intestine. " The attending doctor of the tube bed reported.

"Director, are you ready for this operation?" Zhang Fan still respects Lao Zhao.

"Well, I'll give you a hand." Lao Zhao likes to have surgery with Zhang Fan. Except that he can't talk casually on the stage, it really seems to be an artistic enjoyment to have surgery with Zhang Fan.

"OK, call the operating room to pick up the patient number."

Zhang Fan and director Zhao went to the operating room together. As they walked along, they chatted, "the doctors in the Department recently are crying and rushing to collect the patient."

"It's all your support, director. Unlike other surgeons, the maturity cycle of doctors is too long."

They chatted and entered the operating room from the special elevator. When he built the building, Lao Huang was stingy and got four elevators. At that time, he thought these four elevators were a bit wasteful.

As a result, the elevator in the surgical building is not enough at all. Someone must organize a queue in the morning. Otherwise, people quarrel about taking the elevator every day.

Ouyang is more generous than Lao Huang in this regard. There are eight elevators in the emergency center, one for emergency patients in the operating room, one for doctors and nurses, and the remaining six are reserved for patients and their families.

Entering the operating room, uncle Jinya saw Zhang Fan and smiled at Zhang Fan to please him. He wanted to talk, but the little nurse who followed him didn't have such a good attitude as Zhang Fan. He didn't dare to run over and talk to Zhang Fan.

Gold teeth have long been in the family. Disinfect, brush hands, spread towels and go to surgery. The stomach, the stomach of the human body, is too boring to describe in professional terms.

When Zhang Fan took the course of human anatomy, he didn't like to learn the courses of abdominal organs and nerves. It was still simple orthopedics. The anatomy of abdominal organs is too many and complicated. Different forms. If you don't work hard, you'll get confused.

Neuroanatomy is just like listening to heavenly books. It is too abstract. One is electrical conduction, another is body fluid conduction, and there will be jumping conduction from time to time. If you don't understand in class and don't review after class, the exam is a piece of paste.

That is, later, with the system, Zhang Fan's liver had countless times to understand the anatomy of the two systems.

Esophagus and stomach can be described as cables in popular language. When it comes from the esophagus to the stomach, the cable becomes larger and thicker.

The outer skin is a wear-resistant protective layer, and the inner layer walks with blood vessels and nerves.

The structure of the stomach can be divided into four layers, from inside to outside into mucosal layer, submucosal layer, muscular layer and serosa layer. The muscular layer can be divided into three parts.

It's very complicated. The shape of the muscle layer is not the same. The innermost muscle is oblique, from the contact between the esophagus and the stomach to the duodenum.

This form makes sense. The oblique muscle type is conducive to the downward movement of food. If you get a circular muscle, maybe the food will be embedded in the stomach.

The middle layer is the circular muscle, which wraps the stomach circle by circle to increase the firmness of the stomach. The outermost layer is vertical, which is to reduce friction with other organs. Because the stomach is always active.

Circle by circle, it's really like a pile of wool.

The stomach can secrete many things, no less than a dozen. In the early years, the medical profession only thought that the stomach only had the function of digestion and grinding. Later, it was found that the stomach also had the function of secretion.

The most important secretion is HCl and some special enzymes. Its pH is about 0.5 ~ 1. Throw an iron tablet into this concentration of hydrochloric acid, and maybe it can be melted for you.

But the stomach, won't it be corroded by HCl? Yes, it will be corroded, but it is because there is a weak alkaline protective layer on the inner surface of the stomach, with a bicarbonate barrier about 0.5mm thick, which is the most important protective layer of the stomach.

Without this protective layer, gastric acid can penetrate even if the stomach muscle is ten meters long. Eat pepper, drink wine, greedy for chocolate, and then have a stomachache, which means that there is an ulcer in the stomach.

Angry, especially young women, because the body secretes strong functions, various hormones produced after angry will also reduce this layer of mucosa, so this is also the cause of stomach pain after angry. A person with a bad temper has perforated his stomach, which is not without.

Ulcers are caused by the penetration of the protective layer of bicarbonate by gastric acid. I've been angry and corroded by gastric acid. When my stomach is open, it's perforation. The treatment of perforation is very simple. If the area is small, sew it, and if the area is large, cut the stomach.

Moreover, once the ulcer area is too large and has a certain depth, well, even if it is not perforated, it will become cancerous for a long time, and it can't run away at all.

Therefore, three meals on time, less drinking, less spicy food and less anger are the best protection for the stomach.

After anesthesia, the operation began“ This is a typical example of a minor illness becoming a serious illness. With such a big stone, the incision of the stomach will not be small, and the patient may have long-term chronic pain in the future. ”

While preparing for the operation, Zhang Fan said something to the others. In fact, Zhang Fan said this sentence to see if others have any other ideas.

No result! Others just said, "yes, make a big incision!"

Zhang Fan smiled and didn't speak“ Alcohol cotton ball! ” Zhang Fan took the cotton ball and began the last disinfection of the skin, and then opened a particularly small hole in the middle.

It's about the size of an ordinary appendix incision“ Zhang Yuan, the hole is a little small. How can you take out the stone? " The director of the bed wondered“ What is this? " He was confused and couldn't understand!

Lao Zhao understood it. But he didn't speak. Zhang Fan turned to see several doctors and said, "the operation is amorphous!"

“MMP ! I haven't even finished learning the fixed operation. You're a resident and began to operate the fixed operation. What kind of world! " Several doctors who listened to Zhang Fan pretend to force collapsed.

It's not the doctor's fault. Apart from others, there are no fewer than six surgical methods for gastric ulcer in textbooks, and there are some that are not in textbooks. Now there is a surgical infinity, which still makes people live. Only a lot of learning, a lot of surgery can sublimate, or have super talent.

There are more and more diseases and doctors' disciplines are more and more detailed. This is a matter of no way, but people are a whole, so it is a very contradictory thing. This is also a problem for the future development of medicine.

Open the abdominal cavity, stop bleeding, open the omentum, and finally see the stomach. Because of the stone, although I haven't eaten for two days, the patient's stomach is full.

It's really like a pregnant woman waiting to give birth“ Sharp knife! " After receiving the scalpel, Zhang Fan opened a small hole in his stomach, a very small hole.

At this time, talent has opened a distance. Some doctors understand it, and some doctors are still confused.

The doctor who understood suddenly realized, "shit! I can't think of it. It's too simple and the damage is much smaller. "

The doctor, who couldn't understand, was still confused, "what is this! What can you do by opening a hole that can only be put into one finger! "

"Pliers, hold both sides of the incision." Muscle is different from skin and fat. Skin and fat open a small opening, if you don't use great strength, you won't let the incision derive.

But the muscle can't. as long as it splits, it will automatically become larger with the incision. Zhang Fan holds the incision with pliers to prevent the incision from becoming larger.

Surgical forceps, in the hands of doctors, Ka! Click! Click! Close the incision“ Gauze! Alice's pliers hold one end of the gauze. " Zhang Fan explained to the nurse.

This kind of operation has never happened to the nurse. Zhang Fan has to make it clear to the nurse.

Otherwise, the nurse doesn't know the steps of the operation.

Surgery, too exquisite, the doctor's hard work and talent. Confused doctors continue to be confused. Doctors who understand have begun to actively cooperate.

The long Alice forceps hold the gauze and enter the stomach through the small hole in the stomach.

"Gently push the stone towards the nozzle." Zhang Fan said to the third assistant. The third assistant is a resident doctor. Although he doesn't work long, he has good talent. He has understood Zhang Fan's meaning of surgery.

With Zhang Fan's Alice pliers, Zhang Fan's Alice pliers to the left, he gently pushed the stone to the right, Zhang Fan to the right, he pushed to the left.

It's good to know the operation and assist. Zhang Fan did it very smoothly. Lao Zhao looked at the young inpatient in surprise "Ma Yichen, yes. Have you had this operation before?" Lao Zhao spoke.

The second assistant is the attending. He's not confused yet. Unexpectedly, the boy has learned to understand the operation. One has been working for less than half a year and the other has been working for ten years. This is the talent gap.

"Director, I haven't had such an operation." Ma Yichen said to Director Zhao Quanping with a smile.

Ma Yichen is a graduate student of Sanchuan North Medical College. Because his father does business in the frontier, he is a graduate student of general gastroenterology in northern Sichuan. If you want to stay in Xihua, graduate students are not enough.

After graduation, he simply came to frontier tea. Originally, I was going to go to class for several years, and then Kaobo continued to study. Unexpectedly, the small hospital in this small place was so powerful.

Zhang Fan also looked up at the young man. Although wearing a mask, you can see that the young man should be very beautiful and in good health.

Zhang Fan holds the gauze with Alice pliers and slowly changes direction. The previous operation was carried out quickly, and it slowed down at this time. This is a patient work. You can't be anxious. If you are anxious, you have to start all over again.

Ma Yichen cooperated well and Lao Zhao was moved. Zhang Fan is the best example of the hospital. Zhang Fan's emergence, together with Lao Gao, suppressed several orthopedic directors. This is the apprentice cow, and the master began to cow.

"Which direction do you want to go in the future?" Before Lao Zhao spoke, Zhang Fan spoke first.

"Continue to do gastroenterology. I like gastroenterology very much." Ma Yichen said with a smile.

"You..." old Zhao Gang opened his mouth, and Zhang Fan then said, "don't be limited to the gastrointestinal tract. Although you are a master of Gastroenterology, you'd better broaden your horizons. I have several liver tumor operations in the Affiliated Hospital of niaoshi at the weekend. You go and have a look with me. "

"OK, Zhang Yuan." Ma Yichen estimated that his mouth was laughing.

This is not an interrogative sentence, but an affirmative sentence. Zhang Fan is also moved. He has good talent and is young. This is Miao Zi. If Zhang Fan had an operation with Xue Fei, he would have killed Zhang Fan.

It's not Xue Fei's bad skills, but his talent. He didn't think through a lot of things. This young man can think through Zhang Fan's intention in such a short time. This is talent.

"Zhang Yuan, it's not appropriate!" Lao Zhao is not happy“ MMP, the operation is overbearing, so I don't say anything. Now they are beginning to hit my apprentice's attention. " In the past, Lao Zhao had not found Ma Yichen's talent so good.

"It's good for him to have more knowledge. After all, there are still few patients in our place. The director pulled the hook and quickly used the suction device to suck blood. The blood came out. " Old Zhao's mouth was crooked when he was crushed by the first level of the official university. What might he do?

Bit by bit, Zhang Fan finally wrapped the stone with gauze“ oh I see! " The doctor in charge of the bed now understands Zhang Fan's intention.

He is an apprentice of Lao Zhao. "You just understand!" Lao Zhao's liver hurts.

"Ha ha!" The doctor in charge of the bed smiled a little embarrassed. My heart has long scolded my mother, "I don't know clearly. Who wants to know what you want!"

"Electric drill! Wide draw hook! " The incision has been pulled out on the four sides of the gauze. At this time, Zhang Fan uses the gauze to pull up the stone in Uncle Jinya's stomach and hang it in the air.

The electric drill is to decompose the stones in the stomach, and the wide retractor is to protect the incision from being damaged by the electric drill.

Picking up the electric drill, Zhang Fan began to drill along the small incision towards the stone in his stomach. Protein mixed with calcium and hair, very strong.

After the drill bit goes down, it splashes like gypsum powder. Because there is hair, the high temperature of the drill bit directly produces a smell of burning hair. Drill up, drill down, drill left, drill

right. Several assistants pulled the gauze hard.

The gauze must be removed with great strength. Once the hand slides, the drill may enter the body. Finally, with a click, the stone cracked.

"Cow! That's great. It's a good idea. The damage is small and simple, which is equivalent to a minimally invasive operation." The attending doctor said with envy. His heart is also a MMP, "how can I not think of it. In this way, the operation is too simple."

Then drill, put the larger stone and continue to drill smaller. At this time, it's not very easy to drill, "pick it up a little more!" Zhang Fan said.

Several other doctors were carrying gauze vigorously.

Chapter 467

The gauze pulled up the stones in the stomach. After the electric drill destroyed most of the stones, it became smaller, but it could not be taken out from the small incision.

The incision is very small. It can only be put in one middle finger, but it can't be put in the thumb. It's so small and the damage is so little. If you don't use your brain and take this stone, it will almost become a big cut of the stomach.

"Alice pliers." Zhang Fan put down the electric drill and began to ask for pliers.

"President Zhang, can you use a bigger pointed nose pliers? Last time you broke the instrument, the leaders said I was wrong." The nurse held Alice's forceps in her hand, but she didn't give them to Zhang Fan. There was a cry in her voice.

Head nurse, although she is gentle and polite to high-level doctors, she is actually a fierce woman. Also, the nurse in charge of the operating room is not fierce. First of all, a sterile operation should always pick up the doctors and nurses around. This is the last line of defense for the operation.

Well, the effect is not good, only shouting and scolding, so the nurses are also afraid of the head nurse getting angry.

"It's all right. Give it to me. I'll have an operation later. I'll tell the head nurse that I won't trouble you. Pointed nose pliers can't get in." Zhang Fan said to the little nurse with a smile that it is well known that orthopedic doctors waste instruments.

"Well, don't say I said it, or the head nurse..." the little nurse gave Alice's pliers to Zhang Fan.

"Don't worry, I won't say. We're a team, aren't we?" Zhang Fanyi said that the little nurse was happy and wiped the surgical instruments happily.

When the operation is handed over to the doctor, it will be bloody. At this time, the nurse must wipe it clean before the blood coagulates. So the nurses on the operating table are also very busy.

"I just like to build a platform with Zhang Yuan." The little nurse said with a smile.

"Dr. Li, how many patients do you have?" After taking Alice's pliers, Zhang Fan forcefully clamped the stone and asked the attending doctor on the stage.

"Zhang Yuan, I still have 15 patients. Only five patients came out today, otherwise there would be 20 patients." The attending doctor showed off his number of patients.

Zhao Quanping, the director of general surgery, was angry. "Even if there is no talent in surgery, how can we not even have high EQ. Isn't it obvious that you want to leave your patient, silly! "

"Oh, you have to pay attention to your health. I think Dr. Li is very good at attending general surgery. But if you are powerful, you have to bring your doctors up. This patient should be handed over to Ma Yichen. After going down, you must check it. If something happens, I'll ask you. "

"OK, OK, Zhang Yuan, don't worry. I must worry about letting the pony take care of the patient and improve the medical level as soon as possible."

Doctor Li was happy. Zhang Fan didn't treat him as an outsider!

"Ah! He has a high level of operation and can speak. Who should be the leader if he is not the leader?" Zhao Pingquan sighed in his heart. Looking at his apprentice again, he was angry and said, "this two fools!"

Zhang fan can do this, first of all thanks to the credit of selling instant noodles in those years. With this bowl of wine at the bottom, compared with other technical dogs, Zhang Fan has practiced his Eq.

In addition, the promotion of position and vision have been improved, and due to Ouyang's beating, Batu's teaching, Lao Gao's setting an example, Zhang Fan's overall view, and dealing with people, all aspects have been improved to a certain extent.

In fact, how to deal with people is also a very important skill. It is not the right way to flatter and oppress.

"Ma Yichen, can you take care of this patient?" Zhang Fan looked at Ma Yichen and asked.

"Zhang Yuan, don't worry, I will take good care of it." Ma Yichen was also very happy that the leaders gave him the opportunity.

"OK, I'll give you this patient." Zhang Fan nodded. Lao Zhao coughed at this time. The meaning was also obvious, "Lao Tzu is the director of general foreign studies!"

"If you don't understand, please ask director Zhao. Director Zhao is the first knife in tea, vegetable and general foreign studies."

"Come on, don't fool me. You! Have you taken down the hepatobiliary Department of the affiliated hospital?" Lao Zhao appreciated Zhang Fan very much, so he didn't pursue it. Otherwise, it's strange that Zhang Fan directly interferes in the department work and doesn't quarrel in front of him.

"Well, I've made an appointment for several operations. I'll go this weekend. Why don't you go too?" At this time, the operation is simple, just like a walnut. So Zhang Fan is also happy to say two words.

"You flatter me! Take more ponies. But first, don't take it to hepatobiliary surgery. I don't agree." Lao Zhao stared and said.

"OK, don't worry, it won't." Zhang Fan smiled. As for whether it will or not, it depends on Ma Yichen's talent.

"Girl, come and give me the needle holder. Alice can't hold it anymore." Zhang Fan handed Alice to the nurse. The little nurse was crying with Alice's pliers.

When Zhang Fan went to the operating table, the head nurse usually arranged the latest and best surgical instruments. Originally, he thought it was a general foreigner and should not break the instruments.

As a result, the new Alice pliers have been a little bent! Is this still working! The little nurse looked over and over with pliers.

"Hehe, it's all right, girl. Don't worry. I'll tell your head nurse later. She won't criticize you. "

"Well! You must tell the head nurse that Alice's pliers are crooked. Now you have to use the needle

holder! "

"It's all right. Don't worry." Zhang fanle said happily. Medical treatment, especially western medicine, is actually a big waste. Like Zhang Fan, this tens of dollars of equipment can't be used. In the past, the national conditions were not good, and everything was used many times.

Now that the conditions are good, there are few things that can be reused, almost all of them are disposable. Although the cost has increased, the security has been greatly improved.

"You orthopedic doctors are rough! A good needle holder can be used. It's crooked. Give it to our doctors in general surgery. If they retire, they can't break it. In the future, you should separate your orthopedic instruments from those in general surgery. " Lao Zhao said unevenly.

"Well, next time I use my own equipment, I have a set of imported equipment." Zhang Fan said proudly that he didn't like to use his own special equipment before, but he didn't achieve his status. He used a set of equipment. If nothing else, the nurses in the equipment department won't disinfect you. You can't be a small resident.

But now it's different. This is also the advantage of being a leader.

"Which country?"

"German!"

"If you have a chance, get me one." Lao Zhao knew what was going on as soon as he heard it, but compared with orthopedics, the equipment manufacturers did not pay much attention to it.

"Good!" Zhang Fan was holding the needle holder while holding the stone.

The hardness of this stone is too hard. Gallstones are crisp. Not to mention using instruments, you can knead the noodles with your hands. The kidney stones are a little harder, but you don't have to work so hard.

This stomach stone is too hard. It can survive strong acid corrosion. It's really not for nothing" Come on, Dr. Li, you pinch it for a while. My hands are sore! " The handle of the needle holder was thin. Zhang Fan pinched it for a while, and his hands began to hurt.

Zhang Fan really can't pinch it. It's really troublesome to pinch a stone with a big head. Dr. Li took the needle holder and began to pinch it. He pinched it for about ten times. Embarrassed, he gave the needle holder to Ma Yichen, and he couldn't pinch it.

The pony started and pinched more than a dozen times" Looking at Zhang Yuan holding it easily, I thought it was very simple. As a result, the stone was so hard, like an iron block. "

"You know, Zhang Yuan usually exercises very well. When you sleep in the morning, Zhang Yuan starts running." The head nurse didn't know when she came in.

Old Zhao was old. Zhang Fan didn't let him do this pure manual work. Listen, the head nurse came in. Zhang Fan took the needle holder and opened his mouth. The instrument nurse stared at Zhang Fan with wide eyes. She was afraid that Zhang Fan would involve her.

"Head nurse, I'm in trouble for you again." Zhang Fan said with a smile.

"Look at what you say. I'll be happy to do whatever you do." The head nurse helped Zhang Fan wipe his forehead, which was not sweaty, and sorted out Zhang Fan's surgical clothes from behind.

Then he said to the itinerant nurse, "give it to Zhang hospital in the future. Put on the surgical clothes a little more loosely. It's too tight. The operation time is long and it's uncomfortable."

"OK, head nurse." The itinerant nurse smiled.

"That's right, head nurse. I broke some more instruments. Nurse Wang has told me several times, but I can't help this operation. The stone is too hard. "

"Oh! Let me see. " Then lie down behind Zhang Fan, stand on the small stool and look at the equipment across Zhang Fan's shoulder. Zhang Fan seems to feel something slightly.

"God, Zhang Yuan, you are so strong. It's so hard that it can be bent. Next time I type the instrument report, you should sign it earlier. The former vice president always said that we were eating equipment. You know, don't you! " The head nurse said with a smile.

"No problem, no problem at all. Don't worry." Zhang Fan smiled and then moved a little ahead. Although it has been pasted on the operating table, Zhang Fan still walked a little ahead.

"Zhang Yuan is easy to talk! I like such leadership. " With that, the head nurse shook a little thick willow waist and went out.

Three people directly destroyed the needle holder“ It's really strong. It's almost as strong as lower grade cement. " Zhang Fan rubbed the sour tiger mouth and said.

Pinched into small stones, Zhang Fan began to clamp them, one by one, and the small bend directly filled one plate. Finally, the gauze was slowly put forward, and the stone was finally taken.

"When this patient goes back, he must think about gastrointestinal decompression. Don't worry and let him eat. Drugs to protect gastric mucosa and inhibit acid are used.

If necessary, give him a few more times. This thing can't be digested in the stomach. Don't let the remaining residue enter the intestine and form obstruction. " Zhang Fan explained to Ma Yichen.

"OK, Zhang Yuan." Ma Yichen is also very happy that the leaders can appreciate it.

After Zhang Fan explained everything, he began to sew " Zhang Yuan, is the ulcer treated? " The attending doctor asked.

"No, this ulcer is caused by the friction of this stone. As long as the stone is gone, use some drugs to inhibit acid and protect gastric mucosa, and you will recover. The patient's wife is a problem. " Zhang Fan said to Lao Zhao after finishing speaking to the chief.

"Yes, her liver hydatid operation has been done once in the local hospital, and now it has relapsed. The operation is more troublesome."

"Director Zhao, please invite my senior brother and Professor Zhao Jingjin from bird market tomorrow. Let's have a consultation together. See if there's a good way. "

"OK, routine surgery is not enough. We have to find a better way. "

Zhang Fan sutured his stomach layer by layer. It's a small hole. The damage is not big. It should be OK to recover.

"Director Zhang Yuan and director Zhao, I often have stomachache. Show me whether it's OK one day." The operation is almost over, and the head nurse is not difficult for the little nurse. The instrument little nurse will also be lively.

"If you don't eat on time, you still lose weight, right?" Lao Zhao didn't speak, and Zhang Fan continued to talk.

"Well! No weight loss, no object. " The little girl is also a man!

"How old are you? Don't break your stomach in order to lose weight. You can go to fitness!" Lao Zhao listened and smiled.

"Lazy! My legs are almost broken after work. I don't want to walk. Where can I have the strength to exercise. And I've been getting sick since I ate some chocolate! Zhang Yuan, tell me about it! " The little girl said deliberately that this guy has the potential of head nurse.

"The stomach, ah, has two openings. The inlet is called the Ben door, just like the fuel injection port of a car. The outlet is called the pylorus, which is connected to the duodenum.

There is a sphincter at the cardia, just like a valve. After the food enters the stomach, the switch is closed, so there is generally no reflux.

However, once a large amount of fat and alcohol are used, reflux will occur. Many people don't say to

eat and drink more, but eat and drink a little, and reflux symptoms will appear. Therefore, if this happens, we should avoid eating chocolate, high-fat and alcoholic food.

If it returns for a long time, the esophagus will be corroded, corroded, and the esophageal mucosa will break and begin to recover. After recovery, it will begin to be corroded again. In this eroded place, the cells will proliferate and mutate, and maybe cancer cells will appear. "

Zhang Fan also knows that the little girl did it on purpose, but since she began to say it, she should make it clear.

"God, it's terrible. I like chocolate best. I also like white chocolate. "

"Your mouth is so greedy that you can't lose weight." Zhao, director of general foreign affairs, said with a smile.

"Director Zhao, you hate it. I've decided not to eat chocolate in the future! "

"Well, I quit eating!"

"Ha ha, for director Zhao's health, I'd better eat some!"

The operation went well. Several people talked and laughed and ended the operation.

"We must worry well and pay attention to the recovery after operation." Zhang Fan specially explained to Ma Yichen.

"Zhang Yuan, you can rest assured that you will definitely complete the task. Let the patient leave the hospital healthy. " Ma Yichen patted his chest and promised.

"That's good."

Uncle Jinya took off his teeth. A plastic gastrointestinal decompression tube was inserted into his nose. A faint bloody liquid could be seen in the tube. He was pushed out of the operating room by nurses and anesthesiologists.

The old man has no teeth, his upper and lower lips shrink together, and then because of life customs, he has a long beard around his lips. How do you think it is strange. It seems to be a strange flower. After reading it, Zhang Fan decided not to save it in the future.

Chapter 468

After the operation, Zhang Fan and the director of general surgery had the operation. The head nurse hurried over, "Zhang hospital, the president called to let you go to the administrative building."

"Did you say anything?" Zhang Fan is a little puzzled. Since he became the dean's assistant, Ouyang rarely assigned Zhang Fan to do anything.

"Didn't say, just said, let you go quickly after the operation." The head nurse looked at Zhang Fan with envy. She also wanted to go, but the Dean wouldn't let her!

"Director Zhao, I'll go and have a look first. You stare more. I'm afraid the patient can't help eating secretly." Zhang Fan gave another explanation to the director of general foreign studies.

"You go! Don't worry, it's okay. I'm staring. "

Doctors are like this. They should carefully symptomatic before operation and worry carefully after operation. Many patients are just like children in the middle class of kindergarten when they are uncomfortable before operation.

But once the operation is over, I don't feel uncomfortable. It seems that I have recovered. I suddenly become a student of the junior middle school graduation class. I'll do whatever you don't let me do, or do it secretly! This kind of patient is also a headache for doctors.

After Zhang Fan explained, he quickly walked to the administrative building. When I knocked on the office door, it was rare to see the hospital secretary in the president's office, and Lao Gao, several vice presidents and Ren Li were all there. The management team of the hospital was one Zhang Fan away.

"Did you have an operation?" Ouyang asked after seeing Zhang Fan.

"Well, just had an operation." Zhang Fan didn't ask what to do. The leader told you there must be something. It's not good to ask.

It is estimated that he has been waiting for some time. The secretary is a little reluctant. He smiles and says to Zhang Fan, "when a leader, try to do less physical work and think more about some ideological things."

He may mean that leaders should practice more, control the line more and be good leaders.

Before he finished, Ouyang said directly, "the hospital is the place to treat diseases. If you don't see a doctor or operate, you can be a hospital leader!" The Secretary choked to death.

Although he and Ouyang are at the same level, they are positive and vice! The Secretary's hand was pinched and pinched. He wanted to take out his notebook immediately.

"Let's go to the meeting. Zhang Fan, I'll take your car." Ouyang Lin went out and said again " Hey! OK. "

"Dean, what's the matter? All the meetings are held." Only when he is with the Dean, it is much more convenient to talk.

"The superiors have made it clear that to establish a new city, it is on the edge of the bonded zone. Who will lead the hospitals in the new city and support the leaders of the traditional Chinese medicine hospital and our hospital has been competing.

The above leaders also had great disputes, but finally let our hospital take the lead and establish a branch in the future. This is the time to talk about it. " Ouyang sat on the co pilot and told the whole story.

Hospital leaders, not to mention Zhang Fan, don't even know the Secretary, just Ouyang.

"Oh." Zhang Fan listened and didn't go to his heart. Ouyang took a look at Zhang Fan, "why didn't you respond at all." Ouyang asked Zhang Fan with a smile.

"Ah, what's the response? Besides, the city has not been established, and the hospital is still early." Zhang Fan wondered.

"Ha ha, you don't know what to say about you. Did God close the other windows after opening the door of your technology?" Ouyang smiled and said nothing. He looked out of the window and didn't know what to think about again.

After a moment of silence, Ouyang suddenly said, "by the way, there's another thing. Just know it. Don't spread it."

"Yes!" Zhang Fan promised.

"Someone reported the hospital. If you have anything unclean, worry about it yourself. " Ouyang said without beginning or end.

"What? Report what? "

"Just know it yourself. I don't know what will happen." Ouyang can only say this step. It depends on Zhang Fan's understanding.

"Oh! OK. " Anyway, Zhang Fan has nothing to report and doesn't take it to heart.

Zhang Fan participated in the government meeting for the first time as the leading group of the hospital. The specific environment and solemn atmosphere can't be ignored or nervous.

In the conference room, a big national flag and a big party flag were hung in front. Everything was so solemn that even the chairs in the conference room were arranged in a line.

Zhang Fan sits at the end of the office next to Ren Li. After taking their seats, everyone took out their notebooks. At this time, Zhang Fan was embarrassed. He didn't bring anything!

"Secretary Ren, do you need to take notes at this meeting?" Zhang Fan asked sheepishly.

"It's all right. You don't have a notebook. I'll give you one." Ren Li handed Zhang Fan a notebook.

"Thank you, thank the secretary." Everyone else has a notebook. If you don't put one in front of you, how do you see it? How strange. Although the leader didn't ask.

In a meeting, I don't know why, the superior leaders won't directly talk about the situation by name. First, talk about ideas, then talk about how to struggle if it is difficult.

Finally, it is about the construction of new urban hospitals in the future. Zhang Fan sitting in the corner is dizzy. Depending on the situation, Zhang Fan is not expected to be an official.

After a long time, I saw that the leaders would not call the roll. Zhang Fan directly entered the system and became an assistant to the president. First of all, the progress of the operation was much faster.

More than half of the progress required by ordinary foreigners has been reached. "It is estimated that ordinary foreigners will be full in a period of time, and then they can open new subjects!"

Looking at the progress, Zhang Fan is also a little excited. The pit for ordinary foreigners is too difficult to fill. There are too many sub projects, from head to toe, almost all of which have small subjects of general foreign studies.

At this stage, the system is full of surgical tutorials, including various surgical tutorials, such as the appendix. The system only defines how to do and various types of appendix surgery, but it does not explain how the appendix is formed.

For example, tumor is also how to eradicate surgical treatment, but there is no reason for the evolution of cancer cells. In other words, the current system is just a technical platform.

I did a simulated operation, "I don't know what will happen to the secondary subjects of the system after all the basic subjects are completed!" Zhang Fan thought with emotion.

Along the way, because of the system, Zhang Fan's life has improved too much. So far, what kind of worry about gain and loss in Zhang Fan's heart has slowly reduced a lot.

Two years ago, Zhang Fan was worried all the time that the system would suddenly disappear. He was deeply afraid that everything would be like a dream when he fell asleep. Therefore, Zhang Fan forced himself to go to the liver and try every means to find surgery to improve his surgical skills.

With the improvement of technology, Zhang Fan's mentality has changed slowly, and he is no longer as anxious as before. Although the technology has improved a lot, Zhang Fan is not relaxed about the system upgrade, but more and more curious.

"This meeting is confidential!" That's all Zhang Fan wrote in his mind "It has reached the level of hospital. What are you keeping secret?" Zhang Fan make complaints about it.

On the way back, Ouyang smiled. Of course the old lady was happy. A hospital that can be built according to her own wishes, as long as the hospital is established, it will be a monument to her career.

Back home at noon, the house was in a mess "What's the matter. How do you wear old clothes?" After entering the room, Zhang Fan asked curiously when he saw Shaohua's parents going out in old clothes.

"It's said that a new city will be established. It's said that it seems to be on our farm. Your uncle and I are thinking about building several houses. We can ask for more when the state subsidizes. We know the news late. The Da Kui family next door is ready to build a building." Shaohua's mother whispered to Zhang Fan mysteriously.

"Oh, don't go, uncle and aunt." Zhang Fan smiled helplessly.

"Don't underestimate this subsidy. It's quite a lot." Shaohua's mother looked at the future son-in-law in surprise, "it's also very smart at ordinary times!"

"I went to the government to participate in this meeting today. People have already determined the construction and planting area by aerial photography, and the leaders have also determined that this subsidy will not take the construction area, but will be subsidized according to the head!" Although Zhang Fan didn't listen carefully, he still listened to the relocation near the hospital.

"Ah! I'll tell Da Kui's mother that they're going to build five floors! Don't have a problem. "

"Are you sure? Don't subsidize according to the construction area at that time. People don't blame us! " Shaohua's father then said.

"Well! This..... "Zhang Fan is tongue tied" I knew we were going to build a new hospital, and the relocation near the hospital was subsidized according to the head. "

"Just tell Aunt Kui what Zhang Fan said. If you can't cover it, let others decide for themselves."

Zhang Fan shook his head with a smile and kept it a secret. Even the aunt who danced the square dance knew it!

Waiting for Zhang Fan to finish lunch, the old lady went out in a hurry. Zhang Fan also wants to give one to the old lady. The old lady doesn't even need to say. In the afternoon, Zhang Fan began to organize hospital expert consultation for the first time.

Hospital expert consultation must be recorded, and the director of the medical department also participated, and the officer of the medical department made records. Who said what suggestions, are recorded one by one.

If Zhang Fan is absent, the director of the medical department will preside over the meeting. If Zhang Fan is present, Zhang Fan will preside over the meeting. After all, Zhang Fan is the leader of the hospital, and the director of the medical department is just the middle-level of the hospital.

"Everyone is here. Let's discuss the condition of Maila in the special needs ward today. Ma Yichen, please introduce the patient's condition. " Zhang Fan presided over the meeting.

"OK, the patient, Maira, female, aged 62, went to the local hospital for liver tumor ten years ago, and underwent surgical treatment, diagnosis and treatment. The details are unknown.

Today, the patient has poor appetite because of abdominal swelling and discomfort with cough. The patient was admitted to the special needs ward of our hospital. Physical examination showed that the right abdomen of the patient obviously had a postoperative scar about 15 cm long, with abdominal swelling, obvious tenderness and vomiting. There was no obvious dry and wet rale in both lungs, but the patient complained of coughing up white cystic unknown substance.

After relevant examinations, the laboratory results reported that color Doppler ultrasound showed clear calcification in the liver, clear rosette change and dilated bile duct.

X-ray chest film and abdominal plain film showed that the patient's diaphragm was elevated.

CT showed that hepatic hydatid cyst was clear and active, and it was highly suspected that there were active larvae in the bile duct.

MRI showed that there was no obvious hydatid cyst in the heart, bone and spine.

In the immunological examination, the indirect hemagglutination test was positive,... "Ma Yichen briefly introduced the patient's condition, and then took a seat. Then, Zhang Fan said to the doctors and

experts present: "let's talk about it."

Doctors above the general vice high school, doctors above the liver and gallbladder vice high school and doctors above the cardiothoracic vice high school all attended the meeting. Ma Yichen was specially assigned by Zhang Fan to be a doctor to introduce medical records.

According to the doctor's age and seniority, the director of the medical department began to call the roll. The youngest deputy high school in general foreign education began to speak: "the patient's diagnosis: the recurrence of hepatic Echinococcus is clear, conservative treatment is estimated to be of little significance, and surgical treatment is feasible."

One by one. This disease often occurs in pastoral areas, so Lu Ning is not very authoritative in this regard. On the contrary, Professor Zhao Jingjin of bird market is more authoritative.

After the general doctors of the tea vegetable hospital finished their speeches, Zhang Fan said to Zhao Jingjin, "Professor Zhao, can you say something?"

"Well, I'll just say a few words. Although such diseases are common in our province, such serious recurrent cases are still rare. I suggest improving the chest examination. The patient's main complaint once showed that there was coughing up of white cystic substances. Although pleurisy was not found, we can't be careless.

After conservative treatment and killing the larvae, the operation can be carried out. In addition, the combined operation of cardiothoracic surgery, general surgery and hepatobiliary department is required. The patient's physical evaluation must be done before the operation. The operation is difficult, the injury is large and the operation time is long, which is a test for doctors and patients. "

After Lao Zhao spoke, Zhang fanslightly thought for a moment and said, "the competent doctor, please ask the relevant departments to make relevant consultation as soon as possible, evaluate the patient's physical condition, and contact the color Doppler ultrasound room. If the patient's physical condition supports surgical treatment, it must be operated under color Doppler ultrasound. Record and report to the Health Bureau. "

Although Mayila is not a Chinese resident, the disease still needs to be reported to the Health Bureau.

"OK, I'll prepare the materials and report it immediately."

"Record the consultation records and explain the condition to the family members." Zhang Fan continued to explain.

"OK, Zhang Yuan!" The director of hepatobiliary Department promised.

This operation is difficult. Although it was not mentioned in the discussion, the experts here know that the patient's first operation was not well done, which led to the recurrence of the patient, and there is a

great possibility that it has infected the lungs.

If this disease is only removed, it is not difficult, just like a cyst, but the difficulty is how to clean the cyst and prevent recurrence.

As long as it is surgery, the recurrence is always more difficult than the first time. Zhang Fan's heart has begun to prepare for the operation.

Chapter 469

People with intellectual disabilities don't need to hang up. They come all the way. Hi. After Chen Qi was dismissed as the director, his state of mind didn't change very much. He thought that Zhang Fan might fall into a well if he didn't help him. How smart people used to be, now they can't figure it out.

The cigarettes he gave Zhang Fan didn't cost much, but the books were big. It's estimated that he had some ideas at that time, but there was an old lady behind Zhang Fan who had solved the matter long ago. Fortunately, Zhang Fan told Ouyang the truth.

Life is so wonderful. If Zhang Fan was afraid or embarrassed and didn't tell the truth, it would be very troublesome. Medical knowledge, especially foreign books, is extremely expensive. A paperback Campbell costs thousands of the cheapest.

And the books he sent to Zhang Fan were hardcover, not to mention, the quantity was not small. There is a very classic question in the practice law. The stem of the question is: doctors accept bribes of less than 50 yuan. Because they are warned and educated by a, B confiscate gifts, C revoke their practice, many doctors don't answer correctly.

Therefore, it is not necessarily your friends who smile at you in the workplace. They may dig a hole and wait for you. They may beat you from time to time, perhaps for your own good. Few people may see through. When they want to understand, almost all the past goes with the wind.

The liver tumor surgery in niaoshi was originally two and up to three a week, but with the expansion of the impact after the patients were cured and discharged from the hospital, more and more patients were booked, so we had to put four operations a week.

The whole tea surgery system also began to operate according to Zhang's intention.

This may be another sense of achievement. When looking at the scene that each department is thriving and learning all the time, Zhang Fan is also a little relieved and understands the glory of Ouyang. Perhaps this is the so-called overall view.

The old lady has completely delegated power to Zhang Fan and Ren Li, and she has focused on the construction of the new hospital. She has been involved in the whole process since the design. Maybe her career is about to reach the peak.

On Friday afternoon, Zhang Fan flew to the bird market with Ma Yichen. Although Zhang fan does not have a clear intention, Lu Ning once told him in detail that a super doctor often has a super team.

Moreover, most of the backbone forces in these teams are either teachers and apprentices or brothers. Lu Ning said at that time: when going to the top of the medical industry, we can encounter too many special things.

A large operation or a special operation for a patient is no less than a war. If the main doctor does not have qualified assistance, he may fall into a very embarrassing situation.

After a long talk with his elder martial brother Lu Ning, Zhang Fan subconsciously began to look for a doctor with good talent and mind. It would be a failure if he didn't work hard and charge towards the peak in a systematic life.

So far, there are one or two doctors in Zhang Fan's heart. Anyway, he is not in a hurry. The system has not even opened all the first-class disciplines. He is not in a hurry. Let's go and see.

Ma Yichen, his Lao Tzu, is a three Chuan man selling wine in the border area. He does business in a big way, but he can also use local liquor to get into the local market in the border area.

When he learned that his son was going to be taken to the bird market by the president of the hospital, the old man was worried. This is an opportunity. When Ma Yichen left, the old man said, "son, don't be proud. Be a man with your head down. There is one layer of smart people in the world. Your Dean can take you today and others tomorrow to be a sincere man.

You are still young and learn a lot of skills. It is estimated that your Dean is also observing, so use snacks, but don't embarrass yourself. If you think he is a suitable master, try to do it!

When there are only two of you, be generous. When there are many people, hide behind him. Don't think about showing off. " When Ma Yichen left, his father stuffed him with a 10000 yuan card. These

are the parents, the parents who pull their hearts and lungs.

There was nothing to say all the way. Ma Yichen originally wanted to talk to Zhang Fan. As a result, as soon as he got on the plane, Zhang Fan tightened the safety belt like a quail blown by a strong wind!

He is also very strange. What is Zhang Yuan doing? Fear of heights? When the plane met with convective clouds, he understood and looked at the screws shaking on the wings of the plane outside the window. Mom! I haven't talked about the object yet!

As soon as he landed, Zhang Fan immediately got off the plane in a hurry. After his feet landed, he thought: doesn't such an old plane have a shelf life? Shouldn't it be eliminated?

With Zhang Fan conquering the hepatobiliary Department of the Affiliated Hospital during the operation, the treatment is no longer better than before. Earlier, it was an ordinary car to pick up people.

Now it's different. If the conditions at the patient's home are good, the director of hepatobiliary will explain to the patient's family members and find a good car. If the conditions of the family members are bad, the director of hepatobiliary will find a good car to pick up Zhang Fan.

No matter what Zhang Fan thinks, they should think of it and make Zhang Fan feel face.

This is the benefit of technology. One patient was a cadre in the early years of this operation. The children were very promising. When they heard that they had to pick up experts, they took the initiative to undertake the transportation.

A rare Volkswagen vehicle with subtitles came to the airport. Although the car was low-key, the license plate was high-profile. The license plate number was too small. It was only a single digit license plate.

Moreover, the energy of the family members is not small. They drove directly into the airport. The black car is very eye-catching in a white airport.

Director Chen of the fifth hepatobiliary Department came to pick up the station. He and director Li of the second hepatobiliary department have discussed and picked up the station once a person.

"Zhang Yuan! Hard work, hard work! " After seeing Zhang Fan get off the plane, director Chen came over enthusiastically.

Zhang Fan was surprised. Is this a plane or a large bus? Can you pick up people at the airport? There were not many people on and off the small plane, but they all paid attention to Zhang Fan and them. You've heard of being picked up at the airport, but you haven't seen it.

"You're welcome. It's really polite. We can go there by ourselves. It's not that we don't know the way. You're really embarrassed every time you work." Zhang Fan said politely holding director Chen's hand.

"Hey, what's the work here? It depends on what you said. Get in the car and go to dinner first."

"OK, this is my assistant, Dr. Ma Yichen. This is director Chen. " Zhang Fan pulled Ma Yichen from his side and introduced him.

The young man was a little shy, but he was polite to receive people and things. "Hello, director!"

"Ha ha, OK, OK, you can see at a glance that you are a good doctor. Get in the car." Zhang Fan is too young. Young Juncai can't describe Zhang Fan's assistant.

Zhang Fan gets on the bus. The driver turns his head and smiles at Zhang Fan and Ma Yichen, but he doesn't speak.

Of course, the comfort of the car is more comfortable than Zhang Fan's tool car, but Zhang Fan still doesn't like this kind of car. It is estimated that it is due to his age.

"Zhang Yuan, let's go to dinner first. The family members have been waiting in the hotel, and it's the family's intention to pick up people at the airport this time." Director Chen sits next to Zhang Fan and Ma Yichen sits on the co pilot.

"That's not good. I'll take the operation fee and let others spend it."

"It's all right. If you don't go to dinner, people don't feel at ease. This family is a big boss. It's doing a lot of business. It was going to have an operation in mordu.

As a result, I don't know where to find out. We were very mature in this kind of operation and came to the hospital. "

"Oh, that's good. Even if the conditions are bad, don't increase the financial burden on others." Zhang Fan nodded. This matter must be made clear, otherwise it will be like this every time. Zhang Fan is a little uneasy.

"OK, I know. Lao Li and I are responsible for patients with ordinary family conditions. Don't worry. We can't talk about the kindness of doctors, but we still understand the truth of being a man." Lao Chen had to pat his chest to make sure.

With the successful resection of huge liver tumors by the affiliated hepatobiliary surgery, they have improved a lot of fame, and Zhang Fan also promised to take them to improve the operation. What Zhang Fan says now is what he says. They will certainly implement it very firmly.

The hotel is a five-star Frontier Hotel. The patient's family members, the director of the second hepatobiliary department, the director of the anesthesia department, the head nurse of the operating room and the head nurse of the Department are waiting for Zhang Fan at the door.

These people were invited by their families“ It's coming soon. Although Zhang's hospital is young, there's nothing to say about the operation. It's estimated that few people in the country can be more powerful than him in liver tumors. " The director of the second hepatobiliary Department stood next to the patient's family and spoke.

The family member, about 40 years old, is slightly fat, has a big back, wears a simple casual suit, although he doesn't wear a tie in his shirt, he knows that he is a person in the management position all the year round, and his momentum is very calm.

"There are talented people in the frontier. I almost took my father to Mordor." Middle aged men don't speak very loudly.

"Come, come." Although these people are very enthusiastic, the most enthusiastic is director Li of the second Department of hepatobiliary. When the car stopped steadily, he trotted to open the door, put his hand on the height of the door and took Zhang Fan down.

"Ha ha, hard work, hard work. Zhang Yuan, please, please! This is the boss of Dahua, President Wang. This is Zhang Fan, president Zhang. "

"President Zhang has worked hard, please!" Holding Zhang Fan's hand, the family member was a little surprised, "what a young expert, are you twenty-five!" Although I was surprised, I couldn't see it on my face.

Ma Yichen was afraid at this time. He was afraid. Although Zhang Fan is the dean of tea, he can't see any fame. It's just that doctors and nurses in the hospital respect Zhang Fan.

But now, the car directly into the airport to pick up people. The Department Directors of provincial hospitals are busy. The reception place is the best hotel in the frontier, and it is also the boss of Dahua.

In the frontier, you can't know the name of the frontier leaders, but you can't help but know Dahua, because this is a super enterprise in the frontier. What basketball team and football team named after Dahua, and even many schools are named after Dahua.

Zhang Fan was hugged into the hotel by them, and Ma Yichen was not forgotten, because there was a beautiful secretary sister smiling with him. The young man kept quietly pulling his specially worn suit, afraid of wrinkles.

"Zhang Yuan, I've worked hard all the way and prepared a little water and wine. It's really a neglect! Neglect! " The boss raised his glass and spoke politely.

"You're welcome. You're welcome. I don't drink." Zhang fanslightly explained a little embarrassed.

"Hi! It's all my fault. It's good not to drink. It's good not to drink. " With that, the boss said to the waiter:

"go and get a juice."

Zhang Fan doesn't drink, and several other doctors don't drink, otherwise it seems a little unprofessional. In this way, when it can influence the behavior of others, it means that it has begun to have a certain strength.

"I didn't expect it. When my father's examination results were sent to mordu foreign hospital, President Wang didn't say anything positive to me. As a result, I didn't expect that the expert was in our frontier! "

After starting the dishes, the boss kept clinking glasses with Zhang Fan, and smiled and said that he was looking for his father's medical experience. He felt that the top doctors of liver and gall should know president Wang of mordu.

"Oh, the king's Court of mordu is my martial uncle!" Zhang Fan smiled.

"Ah, ha ha, no wonder, no wonder. Where are you? " Several directors of the Affiliated Hospital haven't had time to explain Zhang Fan's situation.

Because the boss knew that the affiliated hospital could do this kind of operation, he went directly to the president of the hospital to determine it, and then arranged the operation through the president.

"I'm in the tea vegetable city hospital." Zhang Fan said to him with a smile.

"Tea? Hi! Shame, shame. I am a tea vegetarian. My father is the leader of tea vegetarian personnel management. President Ouyang is very familiar to me. "

"Yes! Hehe, you're not engaged in this industry. It's understandable that you don't understand. Now I'm the assistant of President Ouyang. "

"Ha ha, when the villagers see the villagers, Zhang Yuan, my father please." At this time, the boss was relieved.

"Yes, yes." The two made friends with each other, and the atmosphere at the banquet was more enthusiastic.

Ma Yichen's eyes are almost out of use. There are too many delicious food. They are all delicious food that she has never heard of, and the little sister around her is also very enthusiastic. She doesn't eat much herself, but she keeps giving him dishes!

"Zhang Yuan, there will be four more operations next week, and they all know that our operations are well done. Patients from the mainland, why don't I do another job and do three operations a week?" The director of the second hepatobiliary Department helped Zhang Fan from the side.

"It's all right. Just four. We need to understand the feelings of family members and patients seeking

medical treatment." Zhang Fan will definitely not refuse the operation.

"The doctor is kind-hearted. Zhang Yuan's operation is exquisite. He has a kind heart! Here, I'll give you another toast. " The fat boss took the initiative to carry the wine.

"Mr. Wang, you are in poor health. Let me respect Zhang Yuan for you." His secretary also started to provide assists. That's what happened on the scene. It was as if it was inferior.

"It's all right. I have to toast in person today. The great God is tea vegetarian. As a result, I went to other places to worship Buddha. It's my fault. Zhang Yuan, everything is in the wine. Don't have any idea. It's my fault to fight and punish ~ "

If you really should, you should go to the doctor in a hurry. When a boss faces cancer, he is actually as helpless as ordinary people.

Chapter 470

Zhang Fan is young, energetic and has no so-called airs. What was his attitude in the past and what is his attitude now.

It's his habit, a very good habit, to see the patient first“ It's all right. Your tumor is not big. You will certainly recover well after the operation. Don't drink this wine again! "

On the morning of the weekend, Zhang Fan took Ma Yichen and the doctors of hepatobiliary surgery of the Affiliated Hospital for a preoperative ward round.

When Zhang Fan came for the operation, the deputy directors were very active, because they could learn technology, and the hospitalized dog and transferred Wang felt as uncomfortable as his dead father.

"On the big weekend, I came for surgery again. It's been several weeks. Can't you rest for a week!, Can't you change places! " A group of people hugged Zhang Fan for ward rounds, and the young doctors walking behind were helpless!

"OK, OK, I will listen to you. Please use snacks!" There is a very young patient in today's operation. The child is just three years old. His family is holding Zhang Fan's hand and can't wait to kneel down.

Although Zhang Fan is young, he is surrounded by a group of doctors in the provincial hospital. Naturally, he also has a momentum of experts.

Liver, the most afraid of three things, the first fear of all kinds of viruses, especially hepatitis B virus, is directly the liver killer.

Second, fear of long-term heavy drinking and a large amount of dietary fat, which can be prevented or cured.

Third, be afraid of aflatoxin. If you eat bitter melon seeds and moldy peanuts, you must not drink water and spit. This thing is aflatoxin. The liver is afraid of it.

In the operating room, Zhang Fan sat and looked at the patient's examination. Although he had printed the patient's examination in his mind, Zhang Fan still took the trouble to look at the examination.

The two liver and gallbladder directors are also watching the examination with Zhang Fan. Zhang Fan's habit also makes the two directors slowly start to adapt.

Although Ma Yichen was brought by Zhang Fan, including the director of hepatobiliary department, who was very polite to him, the young man was an understanding man and knew his position.

Zhang Fan rested with the director. He actively helped the anesthesiologist put in position and the nurse bind the patients. You can't do it if you don't let me do it. Smile and take the initiative to start.

Zhang Fan occasionally glanced at the busy Ma Yichen and was a little proud, "my eyes are also good!"

"Zhang Yuan, get ready to wash your hands!" The director of the anesthesiology department whispered. The president of the Affiliated Hospital specially explained that as long as Zhang Fan came to the operation, the anesthesiologist must be the director of the anesthesiology department.

"Good! Wash your hands. "

At the beginning of the operation, Ma Yichen was also pulled on the stage by Zhang Fan. "The pony goes on one and has a rest. There are not many such patients in our hospital. We can see more by the light of the affiliated hospital."

Although Zhang fan can designate the personnel for the operation, he still has to say if necessary. He can't eat alone. A vice high school whose face was no longer good-looking was much better when Zhang

Fan said so.

Those who work hard are always worthy of respect.

The medical industry is too special. It is a more special existence in a special industry. Not only a good platform is needed, but also the personal efforts of doctors are very important.

A simple abdominal color Doppler ultrasound has the same advanced level of machines, but the reports of good doctors and poor doctors are different. Therefore, although doctors do not rank in the world, hospitals do.

Doctors strive to improve, and then strive to go to a bigger and better platform. The big platform also strives to improve various welfare benefits, and refuels to absorb excellent doctors.

The particularity of the industry has also created the particularity of this profession. High precision is always concentrated in several places, and medicine may develop rapidly. It may create many high-end medical technologies, and then slowly popularize them to benefit the general public.

However, this also forms a threshold and a relative imbalance or inequality. Right and wrong is really a very contradictory issue.

President Wang and his father almost went to the magic capital. For his level, money is not a problem, but for most people, money is the biggest problem, which is also the reason why exercise is popular in European and American countries.

In the early days of China, many people scolded, but those who had no money to see a doctor directly threw the patient in the hospital and turned around and left.

It is no exaggeration that hospitals should not only manage meals, but also try their best to treat others. This is also a major reason why private hospitals cannot develop in China.

"How big is the liver? The liver develops in the first few weeks. What are its characteristics?" Zhang Fan took alcohol to disinfect his skin, and then asked mindlessly.

The two directors knew that this was Zhang Fan's question to his little assistant. They smiled and looked at Ma Yichen.

"The liver weighs about 1200 ~ 1500g and is about 25cm long. At the fourth week of the embryo, the liver protrudes from the foregut and evolves into the liver.

The liver is the largest chemical field in the human body, and almost all hormone inactivation is in the liver.

Most vitamins are stored in the liver,..." Ma Yichen did not disappoint Zhang Fan. He methodically put

the liver aside from physiology to pathology, anatomy to biochemistry.

"The pony has a good foundation!" When Ma Yichen finished, director Li of the second Department of hepatobiliary praised him.

Zhang Fan didn't say anything, just nodded. If he didn't even have some skills, Zhang Fan wouldn't expect him to do anything.

At the beginning of the operation, for the operation of the liver, Zhang Fan has penetrated and entered the liver area very quickly. There was nothing to say before entering the liver. When choosing the incision, Zhang Fan deliberately said one sentence and then said nothing.

In the first operation, the patient was a male in his fifties. When he entered the liver area, the tumor was very obvious.

The liver, as long as it is normal without pathological liver, can actually make people have a pleasant feeling.

The normal liver covered by the film reflects a soft luster under the shadowless lamp, a little rose red, which can be regarded as oily and smooth. It can really make people feel close.

But with a tumor, it's different immediately. Cancer cells are too domineering. If the normal growth rate of liver cells is walking, the growth rate of liver cancer cells is aircraft.

When a cell becomes cancerous, the cells that cannot be found under light microscope begin to grow, one becomes two, two becomes four.

With the rapid growth, almost all the nutrients in the region are absorbed by it. The growth becomes larger and larger in circles. The external cancer cells continue to proliferate, while the internal cancer cells continue to die.

When the number of deaths increases, cancer cells break down. Something like pus will flow out.

And the shapes are different. The most typical is a giant tumor, which protrudes from the liver like an abscess on a mangy dog, indicating that it is white and boring because of the existence of a liver capsule.

The cancer cells are tightly wrapped by the capsule, just like the brain flower tightened by plastic film. The obvious blood vessels grow and rot and die.

The coexistence of freshness and corruption can not only make people feel sick, but also make people feel afraid. Yes, it is fear. This thing is like the black (a) society, lying on the liver.

The scalpel is open, a little stripping along the liver and gallbladder, and the electric scalpel coagulates blood. The electrocoagulation taste of muscle fat is like barbecue, with a meat flavor.

The liver is rich in many chemicals. After electrocoagulation, the smoke produced is a little coquettish and a little smell of overnight urine.

"When separating the tumor, if you are not sure, use the knife handle." Zhang Fan explains while doing.

The two directors have already started. Zhang Fan now chooses the method with many steps but less difficulty.

The two directors kept nodding and absorbed in learning Zhang Fan's steps.

After cleaning, the disgusting tumor, like a broken brain flower, was completely removed by Zhang Fan.

The liver tumor was removed. Although there was a big pit on the liver, the liver at this time seemed to know that the danger had been exposed. Even the blood was lovely.

"How's it going? Do you feel it?" After removing the tumor, Zhang Fan also breathed a sigh of relief. Tumor surgery is not fracture fixation.

Even if the manipulation of fracture fixation is rough and the steel plate is ugly, it is not a problem, but the tumor is different.

Ulceration and unclean cleaning can make the operation fail, so every operation of liver tumor is not easy.

It is no exaggeration that only after the resection is completed, Zhang Fan breathes easily like a relieved load.

"I feel a little, but I still seem to lack a little." After thinking about it, the director of the Fifth Department of liver and gallbladder said.

"Yes, it seems that it's so close now." The director of the second hepatobiliary department also said.

"Well, then continue to do it and make more than a dozen more. It's estimated that you can try it." Zhang Fan, sweeping the head and tail of the operation, said.

Ma Yichen still doesn't realize the difficulty of the operation. After all, he is not a master of hepatobiliary major, but he admires the accuracy of Zhang Fan's operation.

There are few cases of blood exposure after a knife, which shows that Zhang Fan is quite familiar with anatomy and can avoid a larger artery with each knife.

"It's so fierce. Even in such a complex place as the liver, you can know the shape of the vascular system! Terrible!" Ma Yichen unconsciously made a comparison with Zhang Fan and found that the gap was too

big.

There was an operation in the morning, and the nurse was replaced, but the doctor and anesthesiologist could not be replaced. They hurried to continue the next operation after lunch.

In terms of the physical consumption of surgery, it is estimated that orthopaedic surgery can definitely enter the top three of all operations, but orthopaedic surgery is relatively not so energy-consuming for doctors.

Tumor surgery is different. It takes a lot of energy. Doctors don't force themselves to concentrate on the operation, especially when it comes to cleaning.

Sometimes, perhaps a little omission will cause endless pain to patients.

After a few casual meals, Zhang Fan sat in the hall of the operating room and began to close his eyes and rest for a few minutes.

There is no intermission in this series of operations. When one operation is completed, the patients of the other operation have been hung with antibiotics and sent to the operating room.

The chief surgeon can rest for ten minutes. If there is no other replacement doctor, the assistant will be busy positioning and helping with anesthesia.

Posture is very particular in surgery. It's not just throwing people on the operating table and cutting knives.

The position of the patient should first ensure the convenience of the surgeon. Moreover, because the patient has not moved for a long time, some cushions should be placed in the place where the subcutaneous fat is weak to prevent crushing the skin.

This is no joke. As long as two hours of compression, necrosis and ulceration will occur in places with less subcutaneous fat, and it is ischemic necrosis and ulceration. It is particularly troublesome for this kind of injury to recover.

It will spread. When a patient in one department is transferred to another department, the handover nurse will make a comprehensive examination of the patient's skin.

Once bedsore occurs due to improper nursing in the hospital, this is a medical accident.

Why is the nursing cost of ICU so high? Let alone others, first of all, the nurse turns over and slaps the patient's back very frequently, once every 15 minutes.

In the ICU of a large hospital, there are absolutely no less than 30 patients, and the maximum number of night nurses is no more than six. We can imagine how much the workload is.

After dinner, he wants to sleep. Zhang Fan hardly drinks coffee at ordinary times, but with this continuous operation, Zhang Fan has to drink some instant coffee. Sometimes he has to go to red bull, otherwise he can't keep up with his energy.

During the operation in the afternoon, Ma Yichen was a melon eater under the operating table. The young man looked very good. He helped the nurse wipe the doctor's sweat and adjusted the air conditioner. Anyway, he was not idle.

This is a learning attitude.

For the operation in the afternoon, Zhang Fan didn't have the energy to explain it in the morning. After all, people's energy is limited.

Zhang Fan did it quickly and carefully. The two directors also knew that Zhang Fan was a little tired and didn't talk much. In the operating room, there was only the sound of a ticking monitor.

President Wang's father's operation was put on the next morning. The night he separated from Zhang Fan, he began to inquire about Zhang fan through various relationships.

Although according to the president of the Affiliated Hospital, Zhang Fan is very powerful, after all, he is his father, and he is still a little worried.

"Lao Zhao, Zhang Fan of tea vegetable..." this is a call to Zhao Jingjin.

"President Ouyang, this is..." this is to learn from leader Zhang Fan.

"Lao Chang, ask about someone." After asking several people, they all said that Zhang Fan was very powerful.

He was relieved, but they were all frontier doctors. He decided to ask the doctors who left the frontier. After all, they were not in the same area and should not cover up for him.

The old man in the mainland often felt that the dark clouds covered the sky. He changed his number, but for this rich man, he still sent his new number.

However, when he heard the other party say to inquire about a person, he began to become bad. When he hung up, he didn't dare, and he didn't dare to tell lies. He could only bite his teeth and say he was unfamiliar.

Zhang Fan, isn't he familiar! He's so familiar!

After Mr. Wang understood, he began to order his secretary, "are you satisfied with the place where Zhang Yuan lives?"

"Satisfied, the best suite in the Frontier Hotel. When I got up in the morning, president Zhang was in good spirits." The female secretary holds her hands gently and puts them slightly below her lower abdomen.

"Prepare 200000 cash and send it directly to his room in the evening, so I won't show up. Be polite and tell Zhang Yuan that the labor fee belongs to the labor fee. This is my little intention. "

"OK!"