

Chapter 451

We set out in the morning and arrive at tea vegetable in the evening. Although I had a rest on the road, after all, I was alone. I ate very casually. I could solve it in the service area on the highway. It's not like a girl who didn't eat one or the other when she came.

Although the dinner has been going on these days, to tell you the truth, Zhang Fan hasn't really had enough. "The food at home is delicious!" Zhang Fan holds a bowl as big as his head, full of pull strips.

The frontier spicy leather dried in winter is red after washing. It is fried with diced beef, then mixed in the thick noodles with chopsticks and poured with vinegar.

Take a bite, slightly sour and spicy, and then take a bite of garlic, huh! It's so delicious. It brings a sense of fullness to the stomach. It's really not like big fish and meat in big hotels.

After dinner, the old man went down to find someone to play chess. The old lady changed her clothes and went to the square dance. It is said that they are also going to the bird market!

Now their clothes are unified, pink sportswear and a big fan for each person! A group of old ladies danced merrily in the community square amid the music of Lang ah Lang.

"This is the labor cost of going to the bird market for surgery." After dinner, Zhang Fan leaned against the sofa like Uncle Ge. After Shaohua cleaned up the kitchen, Zhang Fan quickly turned in the money in his pocket. It's impossible to hide private money!

"Why so much? Have you had several more operations since we left?" Shao Hua is clear about the price of walking in counties and townships, so he is a little curious.

"He had an operation. Lao Zhao opened his mouth according to the price of experts in the capital and magic capital." After eating and drinking, let alone his head, Zhang Fan doesn't want to move.

"No problem. Don't bother you for a little money." Shao Hua, their unit in the financial system, organized a prison visit, so Shao Hua is very sensitive to this matter.

"It's all right. This is not a red envelope. It's a reasonable income from labor."

"There's another thing that I didn't tell you when I was in the bird market. The assistant superior of the hospital approved it. " It's a little too forced to say that Zhang Fan is unhappy, but he's not as happy as he thought.

Originally wanted to see Shaohua daze or surprised expression, but Shaohua's face was calm. Zhang Fan wondered. Shao Hua was silly when he said he had hope to be the dean's assistant a few days ago. Did you go to the bird market and see the girl?

Shao Hua was not surprised, but Zhang Fan was surprised“ Ha ha, silly. Wang Yanan told me long ago. Your hospital probably knows. "

"Oh, ha ha, let you tease me!" Zhang Fan didn't want to move. As a result, he looked at Shaohua. He wanted to play the game of cat and mouse again. As a result

"Stop it! Your hair is all messed up. I bought you a present. You have become a leader. We civilians have to hurry up and stutter with you, so I bought you a gift. " Shaohua deliberately pretends to be poor.

Zhang Fan will rush again. He has something like that. Shao Hua quickly raised his hand and surrendered, "well, don't tease you. Guess what gift I bought you. "

"Tie?"

"Have you ever used a tie at work! Guess again. " Shao Hua blinked.

"What is it? Clothes? " Zhang Fan scratched his head and couldn't guess.

"No, fool!"

Zhang Fan tries to make a move and rushes over again. Shaohua quickly appeases Zhang Fan who is angry. Zhang Fan is not afraid when she is angry. She is afraid

"When! When! When! " Shao Hua lifted a piece of paper from the small table next to the sofa and took out a box.

"Mobile phone!" Zhang Fan took a look.

"It's very expensive. I was a little reluctant when I bought it. Before your hospital announced it, quickly replace the mobile phone Jing Shu eliminated for you. It's easy to change your mobile phone when it's announced. "

"Thank you, wife!" Zhang Fan looked at Shaohua with saliva. Zhang Fan didn't look at his mobile phone.

He wasn't very interested in this kind of thing. He couldn't play a system. He really wasn't interested in other kinds of scientific and technological products.

Moreover, for their units in the service industry, mobile phones are an invisible iron chain that can pull them back to the unit at any time.

"Fool, who is your wife! Look at your cell phone. "

"I've seen the i9000 of Bangzi. Xue Fei showed it to me a few days ago. He said it was three or four thousand. You can use this phone. I'll use yours, Nokia leather! "

"Look at what you say, be obedient and change the phone card." After a while, they went out for a walk.

"Zhang Fan, are you staying in tea because of me?" In spring, the riverside road is full of young people in love. Zhang Fan squints at a couple who touch their mouths under a tree. Shaohua directly pulls Zhang Fan's head over.

"You have no psychological burden. In addition to your relationship, I think I need to practice more in the hospital. "

Shao Hua is almost moved to death. She doesn't know or understand the specific level of Zhang Fan's operation, but there is a comparison. Wang Yanan and Li Liang are living examples. She thinks

Thanks to Shao Hua's brain, otherwise Zhang Fan estimated that his arm would be blue and purple again.

"Hey, hey!" Shao Hua is secretly laughing, and Zhang Fan is directly fascinated "Where, are you going to green bird graduate school? " After Shaohua finished laughing, he looked straight.

"Well, I want to see the outside world and large hospitals."

"All right!" Shaohua stopped laughing and talking. She is a little confused. Zhang Fan is becoming more and more conspicuous. Even after she is admitted to the certified public accountant, she is estimated to be unable to catch up with him!

Worry, although you don't say it, how can you not? It's estimated that you have water in your head if you don't worry.

"Hehe, nothing to worry about. I've got it all figured out. I've thought about everything in the future. "

"What do you think?" Shao Hua's eyes are round and round!

"Confidential!"

"Ah ah!" You chase me. On the riverside road at sunset, youth is good, and having a girlfriend is good. A single dog walking alone on the riverside road, jealous Zhang Fan: bah!

In the morning, Zhang Fan parked his car and walked to the surgery building. The little nurse who has a general relationship or has never spoken on the road will greet Zhang Fan with a smile when she sees Zhang Fan. A better relationship, doctor, is directly: Zhang Yuan, come to work in person!

"Hi! I don't want to come myself. " Zhang Fan has no way. Others are just a joke, and he won't rush to explain.

As soon as she entered the Department, head nurse Miao Juan appeared. It is estimated that she saw Zhang Fan's car upstairs.

"Oh, my Doctor Zhang, it's a treat. Today is your big day. The nurses in the Department have booked KTV. Everyone wants to celebrate for you and curry favor with our assistant dean in advance. "

Miao Juan's delicate face and slightly mature mature mature female temperament show incisively and vividly. Relying on Zhang Fan to speak, Zhang Fan feels a little embarrassed.

"Head nurse, let's keep a low profile. It hasn't been appointed yet. Isn't it a joke!"

"There's no need to keep a low profile. The hospital office has informed us that the hospital will hold a general meeting after the shift is handed over. It is absolutely necessary to read out your letter of appointment. "

"Really, there's a meeting?"

"Well, it's still a general meeting of the whole court. Let's hand over the shift first. " Then he pushed Zhang Fan into his office.

At the morning meeting, the deputy director of the first Department of orthopedics and a group of deputy high school students were embarrassed to death. How long did Zhang Fan enter the Department? First, he was the assistant director of orthopedics. He didn't sit hot. He directly became the assistant dean.

It's good to say that it's better to have a good relationship at ordinary times. It's difficult to rush for surgery and red eye. Now go and get close. It seems a little too much. Don't get close. They have become hospital leaders. Maybe they will be the next president.

The attending doctor is not embarrassed. After all, he is not a few years old. Although there is no embarrassment, there is still jealousy. But none of them is a fool. There is no difference in their face.

"Zhang, director Zhang, can you say something?" The deputy director was so embarrassed that he was almost cancerous. In the past, relying on the old to sell the old and control equipment and drugs, Zhang

Fan became the leader directly.

"Hehe, who is he? Let's see. I'm not fat either. It is in the bird market that the haze is too fierce and the sun is less exposed. It seems a little white! So what's your future job like before, and what's your future job like?" The letter of appointment has not been read out yet. Zhang fan can say an egg.

"Ha ha, director Zhang seems a little white! Ha ha." This is the former vice high school, which was originally mentioned in the relationship.

"Zhang Yuan, it's a treat!" This is the main treatment

"Hehe! Yes, yes. It's white!" This is a vice high school with a general relationship between grabbing patients at ordinary times.

"What a shame!" This is Wang Yanan. Although she didn't say it, she looked at the fake smile on the faces of the people and Zhang Fan. She turned her eyes contemptuously.

No matter how sour your heart is, you won't show it at this time. Who doesn't want to be an official? Even when the baby in primary school introduces his classmates, he won't take the initiative to say that this is our monitor. No matter how many old stubbles have been turned in the world of mortals.

Hospital, large conference room. Except for some doctors and nurses who were on duty to deal with patients, all the departments came to the meeting.

"Have you heard?"

"I've known for a long time. I knew more than ten days ago that my uncle is the leader of the Health Bureau. It seems that this matter has been passed some time ago." Two young men whispered.

"Why didn't your uncle make you an assistant to the dean? You entered the hospital a year earlier than Zhang Fan."

"Well!" I can't talk anymore.

"Look, look, Zhang Fan is coming." A group of little nurses in the operating room chattered. Although there were many people, their voice was not loud.

"Ah! People die more than people. When he first came, he was a little interested in me. I was too reserved at that time! Or I'll be the dean's wife now. "

"Come on, your children are four years old! But Xiao Chen and Zhang Fan didn't go very close at the beginning. " As they spoke, they looked at the girl who was interested in Zhang Fan.

Who would have said before that she had an interest in Zhang Fan. The girl was absolutely angry, but

today it was strange. She was not angry, but also smiled, "how can people see me? Although we didn't become lovers, our relationship is still very good. We had dinner together a few days ago. "

"Really, really? He's not married yet. You still have a chance. Later... "This is the little nurse who just entered the operation. I don't know whether it's really stupid or pretending to be stupid.

Like the workplace, deep like the sea. Sometimes, this kind of thing is too difficult. It may inadvertently provoke people. It's difficult step by step, so there's nothing to despise.

Zhang Fan also obviously felt different. In previous meetings, who would stand up and say hello to him!

"Here comes director Zhang. Sit with me! "

"Oh, no, no, you sit, you sit, I'm with the Department." The doctor who hasn't said a few words since he was admitted to the hospital stood up and greeted Zhang Fan.

With the admission of Ouyang, President of the hospital, the conference room became quiet.

"Well, well!" Ouyang tried the microphone, then smiled at the doctors and nurses under the hospital and said, "comrades, the tea vegetable hospital has gone through more than 50 years. From several windy and leaky soil embryo rooms in the early years, it has developed into a comprehensive outpatient building, a surgical building, a medical building, an emergency center with a parking platform and a pediatric center.

It has also established a liver and gallbladder research point, a National Laboratory for skin allogeneic transplantation, and a series of large-scale examination instruments. It can be said that we are the best hospital in the frontier, prefecture and city level hospitals!

These are the hard work of our ancestors and comrades here. These achievements are in the eyes of our superiors. Now let's invite the government leader in charge of medical treatment to speak. Welcome! "

In the warm applause, the leader in charge of health once again affirmed the struggle of the municipal hospital, and then announced that the tea vegetable municipal hospital had become the designated internship Hospital of the Frontier Medical College.

Although these are good things. However, everyone doesn't care much. We are still concerned about the next personnel appointment.

"After the collective research and decision of the competent leaders of chasu City, the following comrades are currently appointed

Ren Li was appointed as the leader of the Discipline Inspection Commission of tea vegetable hospital.

Zhang Fan, served as assistant to the president of chasu hospital. No. x document of tea vegetable

municipal government! Please make persistent efforts and make further achievements. "

Bow and accept the blessings of comrades and colleagues!

The leaders left the meeting. Zhang Fan and Ren Li, director of Cardiology, were led by the director of the medical department to the small meeting room of the hospital leaders.

This is the first time Zhang Fan has entered this conference room. The director of the medical department said as he walked, "Zhang Yuan, I'll put you in the office opposite the dean's door. Office supplies are still purchased. Do you have special needs, such as computer models?"

The director of the medical department has put his mind right. In the past, Xiao Zhang couldn't shout out.

"How can the director call me Zhang Yuan!" Zhang Fan also casually polite. This may be the last time. If he continues to be polite, the office director will not be easy to do.

"I don't care about office supplies. Can you put it away from the office?" Zhang Fan was in a bad mood when he heard that his office was opposite Ouyang.

"Hehe, this is not good. The boss said it himself!" The office director secretly pointed to Ouyang's direction.

"Well!"

Chapter 452

In the small meeting room, although the director of the medical department is the hospital management, he can only sit on one side and act as a recorder in the small meeting room. The table is not small, but can't he have one more chair next to the table?

The stools in the large conference room of the hospital are all wooden benches with good quality. Even if the hospital leaders criticize any comrade on the stage, they don't worry about him venting his anger on the stool.

The small conference room is different. The national flag, the party flag and the slogans of several representatives. The table in the middle of the conference room looks like a high-end product. It seems to be covered with a black leather surface.

"Secretary Ren, this is your position, Zhang Yuan. You sit here." After arranging the two new leaders, the director of the medical office, like a child's daughter-in-law, sat in the corner of the conference room, opened his notebook and took out his pen.

On weekdays, colleagues are suddenly different. This may be the so-called class.

Ouyang probably went to send the government leaders. It took him a while to come in with Lao Gao one after another.

"Hehe, the leading group is also sound. Although they are old colleagues, Secretary Ren and president Zhang are new comrades. Welcome to our new partners and new comrades in arms! "

Ouyang took the lead in clapping. The Secretary of the hospital's water drawing department is in charge of personnel. In the technical unit of the hospital, he can manage too few personnel. The appointment of the department director is all comrade Ouyang's business. He will take care of who retires this year and how many doctors and nurses will be admitted this year! And Ouyang has to agree before he can agree.

"The Secretary continues to focus on the ideological line and personnel of the hospital. The situation of joining the party in our hospital has been very good in the past two years, and the Secretary has made great contributions!" It is said that the secretary is in charge of personnel, but she is appointing personnel!

"OK. Now the doctors and nurses in the hospital have realized the importance of this ideological line. I'm going to... "Before he finished, Ouyang said," let's talk about it at the Party group meeting! This is the Council meeting! "

The Secretary said, "OK! Then say it at the Party group meeting. " Then, he bowed his head and continued to write in his notebook: only women and villains are difficult to raise!

Ouyang didn't look at the Secretary and continued:

"The president of the high court focuses on the communication between the hospital and the government. Now the hospital has entered the stage of rapid development, so the communication with the government is the most important.

Medical special funds and planned funds need a lot of communication from President Gao. " Ouyang looked at the manuscript paper in his hand. After saying that, he looked at Lao Gao.

Lao Gao nodded and accepted the task. He was helpless. The vice president was appointed by the government, but he was not comfortable when he was a director before.

"Logistics continues to remain unchanged. President Wang has worked hard." Ouyang looked through his reading glasses. While introducing his office to Zhang Fan, Ouyang reached out to get tea. As a result, there was no water. Zhang Fan immediately took a kettle to add water to her and poured a glass of water to Ren Li.

"You don't have to do these things in the future. There are people from the medical office to serve tea and water." Zhang Fan's head is about to explode. This old lady, can't you say it in advance!

After explaining some things to Ren Li, Ren Li left first, leaving Zhang Fan and Ouyang.

"When you go to the acupoints in counties and townships, you should restrain yourself in the future. Your hand and foot surgery should also get rid of the relationship quickly.

When you are humble, you can show your edge. When you are rich, you should be cautious. When you are not in this position, others will say that you don't do your job.

Now, although you are the assistant to the president, you are already a leader in this position, so you must be careful and be careful, just like when you have an operation, you should be careful to demonstrate and then practice.

People's words are awesome. In the past, no one investigated and no one paid attention. Now it's different. As long as there are more people talking, it's not me talking to you, but the leaders of superior management discipline talking to you.

Do you understand? Also, for you, this position is young, but it's not young. Exercise first, watch more, listen more and think more. What everyone says in this place has a certain meaning. It's not nonsense, not for no reason.

Also, now that I'm a leader, I still need some dignity. Surgery must be good for me.

Don't participate in the duty of the Department. Now you are not just a doctor, but a hospital manager. If you stand high, you should consider the problem comprehensively. Do you understand? "

Zhang Fan is lost. Do you want to stretch your face all day? Looking at Zhang Fan confused.

Ouyang smiled, "hehe, it's strange if you can understand now. Don't worry. Take your time. In the future, you should take time to go around in each department of surgery every week. Go to the Secretary's office and say hello later. "

Out of the dean's office, Zhang Fan suddenly wanted to go back to the time when he was knocked into the dean's office. Now Ouyang doesn't knock, but how can he feel so boring?

"Zhang Yuan, have you finished talking? Here is the key to your office. It smells like decoration.

I opened the window at work and closed it after work. Now it's hot and there will be no taste in a few days.

Would you like to see what else you need? " The director of the medical service opened his assistant's office.

The sign at the door has already been hung up. Assistant dean's office!

The office is as like as two peas in the president's office. The sofa, boss's desk, computer and boss chair should be there. That is, the bookcase behind the chair is empty.

"Zhang Yuan, do you have anything else you need?"

"No, thanks."

"Well, you're busy first. Call if you have something. I still have a key in the medical office. Someone will come to clean up every morning." The director of the medical office closed the door and left.

The administrative building of the hospital is a little exposed to the sun. Ouyang doesn't like the direct sun, so her office is in the shade, and Zhang fan can only be in the sun.

The light spilled into the office. Zhang Fan, sitting in the boss's chair, looked at the colorful light and his head was a little empty. After a while, Zhang Fan got up and went to the Secretary's office.

It's such trouble. Zhang Fan really doesn't adapt. Too much trouble. With this Kung Fu, he had an operation.

"Secretary, I'll report!" Although impatient, it is still necessary to sing that song in that temple.

"Hi, Zhang Yuan. Sit down, sit down. " The Secretary got up and personally entertained Zhang Fan. After sitting down, he poured coffee for Zhang Fan. In a hospital, it is estimated that only he has the ability to make coffee.

"Try, authentic Brazilian coffee, try. How about it? I'm used to it. "

Zhang Fan doesn't know whether he asked about work habits or coffee habits, but Zhang Fan still said, "OK, OK."

"I knew you were a talent. It's all right. Everything has its first time. I see from the file that although you are not a party member, you are not even a league member! "

Zhang Fan's face is red. He used to fight in junior high school. As a result, the teacher would rather let him go to the second day of junior high school with a red scarf. As a result, Zhang Fan has a stubborn temper and simply never wrote an application for joining the League again.

When he was in college, league members and Party members had a meeting, and he wandered alone when he was a freshman.

"Well!"

"Hehe, go back and write an application for joining the party. To make progress, we must first surround ourselves with the party. You are not good. The impact is not good. " The Secretary and Zhang Fan talked for more than half an hour.

The old man estimated that no one spoke to him at work one day, which was also lonely and tight. He grabbed Zhang Fan and talked about his life ideal from hard struggle. Anyway, if he summarized, it was the assistant of the president, not only the assistant of the president, but also the secretary.

Out of the Secretary's office, Zhang Fan's ears were still buzzing. Not long after entering the office, in addition to Lao Gao, several vice presidents and the head nurse, one by one, came to Zhang Fan's office and sat down, and they were not empty handed.

"This is the pen I gave to people in the mainland last time. I used one and you used one in Zhang Yuan. Don't be polite to me. This is from people." The dean in charge of logistics sent a Parker.

"Ha ha, I knew it. I knew it. Look, there's nothing in your office. I asked the union to send you a fish tank and some potted flowers this afternoon.

This decoration has a good meaning. It just fits on your desk. " A decoration made of unknown metal for eagle wings was brought in by the president of the women's Federation of the competent trade union.

"Zhang Yuan, the newly admitted nurse is in class these days. Please take the time to say something to her." The head nurse took an air purifier and put it directly in the corner and plugged it in without deliberately saying.

"Chief nurse, I won't go. You see, I'm so confused that I'm in a mess. I haven't nodded yet. You're welcome. "

"Ha ha, OK, OK, I know you are busy. Next time, next time, you must not shirk it." The chief nurse left. If Zhang Fan promised to say a few words, it is estimated that the chief nurse would not laugh.

When Zhang Fan looked at the open bookcase behind him and wondered what books to fill the door,

the directors of surgery also began to come one by one.

"Ha ha, Zhang Yuan! I've come to worship the dock. " Director of orthopaedics I.

"Oh, my director, didn't you hit me in the face. Sit down, sit down. I'll pour you a glass of water first. "

"No, no trouble. Hey, it's better to be young. The leading group of our hospital is getting older and older. Now there is finally a young man. Or an orthopaedic background.

Zhang Yuan, you can't pull off the shelf in the future! "

"Ha ha, look at what you said. I haven't pulled it before." Zhang Fan doesn't know about other things, but Lao Gao and Ouyang have specially explained them to him. Read and listen more. Now Zhang Fan has made up his mind and read first.

Zhang Fan, the director of the surgical system, received everyone in the office one morning as if he had known each other for the first time.

Chen Qi came here when she was about to get off work.

"I knew you were busy. It's the leader, but this office can't. After work later, I ordered something. It's a waste of your time. I'll buy it for you. "

"Why are we polite? The office must not buy it. You have to stand on the board. " For Chen Qi, Zhang Fan is still relatively relaxed. After all, he still requires Zhang Fan for many operations.

"Don't worry, it's just a small object. They are all professional books, as well as some tea, tobacco and wine. Don't refuse first. It's unreasonable to be a leader without something to entertain people. This is my little intention. If you don't accept me, you won't come to the door. "

Chen Qi was serious, and Zhang Fan was helpless.

At noon, a group of workers filled Zhang Fan's empty bookcase, several Chinese and several boxes of tea in a short time. Zhang Fan became the leader of the hospital.

Chapter 453

In the morning, some people in the hospital came to say hello to Zhang Fan. Like a new understanding, the change of position also makes the meaning of each other's visit greatly different. Those who used to joke don't joke, but start to joke.

In the afternoon, the director of the medical department came to Zhang Fan. He wanted to help Zhang

Fan get familiar with what the hospital leaders needed to master.

"Zhang Yuan, here are some important telephone numbers of tea element. The dean asked me to give them to you. There are only three in the hospital. You must not lose it. It's best not to take it out of the office. "

What's the age, and this ancient thing. After Zhang Fan curiously took it over, he turned it over and looked at the red palm sized phone book with a national emblem on the cover“ Um! Can I not? If I lose it, I will be guilty. "

"Hehe, this is responsibility. Hospitals are special industries, so they have special responsibilities. When you don't use it at ordinary times, there is a small safe here. You put it up. When the dean is away, you have to take it out and get ready. "

Zhang Fan is not familiar with the layout of the office. Like holding a bomb, he sees a safe in the third grounding cabinet of the bookcase.

"This is the leader's duty table. You have to be responsible for many things on duty. It's better during the day. After all, the leaders are at home during the day. You are responsible for everything after work.

As large as organizing relevant departments to cooperate in rescuing patients, as small as water, electricity, doors and windows, of course, specific work will be done, but if there is a problem, you will be responsible for solving the problem.

If you have something, you can tell the medical department, and our department officer will help you on duty. And usually if you leave the city, you should not only say hello to the hospital, but also ask for leave from the government in advance.

This is the work schedule, this is the personnel file form, this is... "Zhang Fan's head is big.

"Director, why am I responsible for so many things?" Zhang Fan is a little unhappy. What kind of surgery and diseases do you want to see? It's estimated that there won't be much time at the end of the day.

"You don't need to do all these, but you should be familiar when you're free, otherwise it's not good to ask three questions." The director of the medical department was also helpless. Many people wanted to have this right. This is good and troublesome.

"Director, what's the matter with this invitation!" Zhang Fan saw two wedding invitations for nurses whose names couldn't match their numbers, which had been sent to his desk. It's not that he hasn't attended other people's weddings before, but he has a good relationship.

"The leaders must attend the weddings and funerals of hospital employees. For example, if they are really busy, they can give gifts instead of going.

But when there is a funeral, we must get it. Even if you show up, you have to attend. The gift money hospital pays the bill uniformly. Because there is no invoice, so

This is the application report for further study of doctors and nurses in our hospital recently. You have to read it, write your opinions on it, and then I'll take it and report to the president. "

Zhang Fan picked up the report and looked, "Why are there so many application reports?" Almost fifty or sixty people typed the application report.

"There have been hundreds of them for some time. If you choose one, write your opinions if you think it is appropriate. If it is not appropriate, you don't have to report directly to the president."

"I'm here to relieve the dean's work! No wonder the old lady has been the dean for two years and her waist is bent badly. " Zhang Fan secretly guessed.

"Director, that won't work. I'm also in charge of hospital surgery. This beard and eyebrows can't be grasped at once. You see, these things are directly divided into categories.

Other Dean is responsible for, you fall into one category, whether they agree or not, all fall into one category. For urgent matters, you can directly tell me orally that some things that are not urgent fall into one category. " Zhang Fan thought about it and began to ask directly.

"Well! This guy not only knew everything at once, but also asked me to be his secretary! " The director of the medical department doesn't know. Zhang Fan is thinking about how to do less work.

"OK, but Zhang Yuan, I'm usually very busy."

"My director, there are so many officers in your department. Let young people exercise more. It's time to let go. First of all, I have to go to the gynecological operating room. There is a pregnant woman with dystocia over there. She just called me. "

"The first rank of the official college crushed people! OK, I'll be your secretary for a while. " The director of the medical department also knew that gynecological affairs were important, and said with a helpless wry smile.

Zhang Fan was helpless. It was his turn to worry about gynecological affairs. After going out with the director of the medical department, he was ready to go to the operating room“ Zhang Yuan, wait a minute. I'll ask the officer of the medical department to follow you. ”

"What? Why are you following me? " Zhang Fan didn't understand.

"That's the rule, that's the rule!" The director of the medical office was too lazy to explain. He also saw that the master's mind was not here.

After a while, an officer of the medical office ran out“ Zhang Yuan! " The little girl took a relative to see Zhang Fan a few days ago. She was not familiar at that time. It would be a lot more reserved.

Zhang Fan has no time to ask. Which side of the gynecological operating room is still waiting for leaders“ OK, let's go. ”

"Zhang Yuan!"

"Zhang Yuan, good!" Don't say hello to too many people along the way. The people who nod at most on weekdays also stand in good order to say hello to Zhang Fan.

There are pregnant women with dystocia in the gynecological operating room. Zhang Fan nods all the way regardless of how much she has.

"Look, this is the leader!"

"Ah! Let's go. They're all gone. "

Zhang Fan is also helpless. If he greets one by one, it is estimated that the children in the operating room will be able to give birth.

"Zhang Yuan, the situation is a little troublesome!"

"What's the situation now?" As soon as Zhang Fan entered Gynecology, the deputy director of gynecology began to report.

"The baby was delivered, but it was a dead baby. Pregnant women were transferred from the county hospital. The maternal and child health care hospital did not accept them, and then they were sent to our hospital.

Pregnant women have never had a pregnancy test. When I came to our hospital, I couldn't hear the fetal heart rate. I told my family at that time. The family members now want us to prove that it was delayed by the county hospital and the maternal and child health hospital. "

"Where's the mother?"

"It's all right."

As soon as he said this, Zhang Fan stopped. "Then issue medical records according to normal procedures and what should be."

"The medical records have been issued, but the family members have to let us write clearly. It is the delay of the county hospital and the maternal and child hospital. At this time, they are making trouble in the Department. There are many family members."

"Here you are, Zhang Yuan. This is president Zhang of the hospital." The gynecological director introduced Zhang Fan to the patient's family.

When the family heard that it was the Dean, their nose burst into tears. "Why not do a pregnancy test?"

"No culture, no understanding!"

"How can I understand medical records!"

"Read a few words!"

Appease, reason and set the rules. After talking for two or three hours, the family members reluctantly took the case and left.

"Zhang Yuan drinks water. That's what gynecology and obstetrics are like." The gynecological director poured a glass of water for Zhang Fan himself.

"How did you deal with such things before?" Zhang Fan took the water and asked curiously.

"It's only after the hospital leaders come forward that they can convince each other. As for the Department, whether it's the director or the doctor, the family members can't believe it at all. Thought we were colluding with lower level hospitals."

"Hard work. Are there many pregnant women recently?" Zhang Fan knew what was going on as soon as he heard it.

"There are not enough doctors and nurses. We can't turn around. Zhang Yuan, you know about gynecology. You really want to give us a few people."

"I'll come to the Department to attend the shift handover tomorrow. I only read the reports of important people in various departments before I came here. They are all in a pile." Zhang Fan didn't say yes or no. he didn't know anything when he took office. He can't speak casually.

When he finished, the officer on one side immediately recorded this sentence. Zhang fanhan came down, "Niang!"

After solving the gynecological problem, Zhang Fan drank two mouthfuls and was ready to go out. As soon as he came to the gynecological door, LV Shuyan came out of the operating room. The girl just took off her mask, and the marks on her face were obvious.

"Hello, Dean Zhang!" The girl has a narrow face.

"Hehe, when did you come back. I didn't say hello. " Zhang Fan smiled.

"How dare I disturb you! Let's go. I have to write the operation records! " The girl didn't know when she would come back and changed her face!

Zhang Fan smiled helplessly and was ready to go to the first Department of orthopedics. No matter how, his bonus was issued in the first Department of orthopedics“ Hey, what are you doing with me? Go and do your job. "

Zhang Fan looked at the officer of the medical office and followed him. He could only let others go with a smile.

"Aren't you inspecting? I have to record and document important things! Records should be kept of those that need to be distributed to departments or reported! "

"Hehe, don't use it for the time being. I went to the Department to prepare for surgery. You don't have to follow me. I'll call when I need to. "

"OK, I'll go."

When I went to the Department, there was only one intern in the Department office. After seeing Zhang Fan, the little doll was a little overwhelmed. Zhang Fan took a look. It turned out that she was reading a novel.

Zhang Fan didn't say much, "have you been operated on?"

"Well, Dean, the doctors have gone to surgery."

Before saying the second sentence, head nurse Miao Juan killed her“ Zhang Yuan, there are many operations today. They all went to surgery. The boxes are booked in the evening. We must not break the appointment, otherwise the nurses in the Department will be very sad. "

Miao Juan was more polite and enthusiastic. "Then call the doctors in the Department. They are busy recently. Let's relax together." Zhang Fan directly changed the celebration into a party.

The head nurse doesn't care. Anyway, as long as she knows what she wants, Zhang Fan will become "Zhang Yuan, I didn't move the office of your department. I cleaned it in the morning, dragged the floor and moved some potted flowers in. After all, this is your base camp, not yours. "

"OK, thank you. I'll go to the operating room and have a look. At the evening party, you are responsible for informing the doctors and nurses on duty to take care of the food and give subsidies to those who give subsidies. "

"Yes. Zhang Yuan! "

"Hehe! Well, I'll go, head nurse. "

In the operating room, Zhang Fan was going to change his clothes. As a result, a male nurse in the operating room found Zhang Fan, "Zhang hospital, the head nurse called you. She was outside. It was inconvenient to come in, so let me come in."

"Thank you." It's all about going anywhere!

"What's the matter, head nurse." Zhang Fan is a little impatient.

"Zhang Yuan, there is a special dressing room here. Although it is smaller, there is only one wardrobe." Obviously, Zhang Fan has a special dressing room!

"No need."

"If you want, if you want, just listen to me." With these words, the head nurse sent Zhang Fan to a special dressing room "Mother! " Zhang Fan thinks he knows enough about the operating room. As a result, there is still such a place here. "

"You see, why don't I add you a single sofa tomorrow? After the operation, you can have a rest here!" The head nurse leaned against the door and deliberately waved her thickened waist.

"Put a bed!"

"The place is too small. How can I put it?" The head nurse leaning against the door almost scared Zhang Fan to lie down.

"That's enough. What sofa do you want. All right, head nurse, hurry up. I'm going to change! "

"Zhang Yuan, I hate it." The young woman left with a wink, without hesitation. It's not far or near. This kind of woman's EQ is too high.

In the past, although he was the assistant director of the first Department of orthopedics, he was embarrassed to go to other groups for surgery. Now it's different. Just walking to the door of the

orthopaedic operating room, the flying vice high that used to rob the patient with Zhang Fan directly pulled Zhang Fan.

"Zhang Yuan, there is a wrist fracture here. I'm a little uncertain. Please show me."

"OK." Zhang Fan thought he was really not sure. As a result, when I saw the X-ray, it was a steel plate. I originally wanted to go, but the other party didn't let go of Zhang Fan.

"Zhang Yuan, please stand on the platform, otherwise the doctors in our group are uneasy." People have said so, Zhang Fan is not easy to leave.

"It's all right. Who doesn't rob a patient? It's all for work."

"Zhang Yuan!"

"Zhang Yuanhao." Several doctors in the operating room were very happy. Zhang Fan came to their group for surgery on his first day as an assistant, which means that the previous things have passed. Of course, he is happy.

Disinfection, sheet laying, all things are done, and the deputy high school accompanies Zhang Fan to gossip.

On the operation, Zhang Fan is the position of the main knife“ Zhang Yuan, the medicine ratio of our group is a little higher recently. Please say hello to the medical department. "

"Too many instruments?" Zhang Fan asked while undergoing surgery. When it comes to professional questions, no one can fool him.

"Aren't there many surgical patients recently! A little over. "

"OK, let's not take this as an example. Other departments of the hospital have great opinions on orthopedics."

"OK, OK, Zhang Yuan, I know. It will not be an example."

The two attending assistants looked at each other, "see, this is the advantage of backing."

"Hehe, don't be fined!"

After the operation, Zhang Fan didn't stay much, and he didn't have to worry about the follow-up. He was worried about Xu Xian and Wang Yanan. The group leader was the vice president and the vice president was the assistant to the president. It was hard for others to say, so Zhang Fan was worried.

Chapter 454

Throughout the week, Zhang fancai adapted to the enthusiasm of his colleagues in the hospital. Not only did Zhang Fan not adapt, but even Shaohua's parents obviously did not adapt.

"Old lady, let's go to the farm for a few days. Nurse Zhao upstairs delivers vegetables to home every day. We can't help Zhang Fan, and don't drag others back. "

Shaohua's father now thinks that all the people who greet him in the community are coming to Zhang Fan. He doesn't play chess with old Cui head, because old Cui head wants Zhang Fan to show him his big balls. The old man is a little nervous.

"It's all right. I estimated the price of the dishes sent by nurse Zhao and sent a chicken to their family. I know. I don't have small eyes. "

"That's not good either. One comes and two goes. If you really ask Zhang Fan for something, Zhang Fan will be difficult to do. Or stay on the farm for a few days to avoid the limelight. " The old man thought about it and thought it was still inappropriate.

"What should we do? We're gone. How do Shaohua and Zhang Fan eat? And I don't trust them either." The old lady can't help it.

"Even if we are black faced, we can't make it difficult for others to do it. Don't accept other people's things in the future. We don't want to be rich, as long as we are safe.

Remember the leader of our farm. After five or six years of detention, all the people who came out were abandoned and didn't pay. "

Zhang Fan is getting busier and busier. Portal vein experiment of liver portal. And Professor Li Housen's skin allograft experiment, which Zhang Fan is willing to do. The most uncomfortable thing is the hospital administration.

Even if there is Ouyang, there are some things he must know. The most unacceptable thing for Zhang Fan is that every morning, the bosses of various pharmaceutical companies, equipment companies and various engineering teams at the door of the office report on time. As long as Zhang Fan is in the office, they can form a long line.

Anyway, I have nothing to do. I'll sit down for a while and chat with Zhang Fan. Before, Zhang Fan didn't understand why there were always strangers in line in front of the dean's office. Now he knows.

"Zhang Yuan, I was introduced by XXX. Take a look at my product profile." A middle-aged man who looked like a boss saw that there was no ashtray or lighter on Zhang Fan's table. He put the cigarette he was going to take out into it quietly.

"Oh, OK, put it here. I'll see it later." Zhang Fan doesn't lift his head. It's not impolite. He doesn't dare to give a chance. If he looks up, he won't go.

For these things, Zhang Fan specially found Batu. Zhang Fan doesn't understand other things, but there are examples. Batu is, so Zhang Fan doesn't dare to be careless at all.

"Oh, unexpectedly, you have only been in the frontier for a few years, which has exceeded my most brilliant moment in those years." Batu is very happy. He and Zhang Fan also have the taste of being both teachers and friends.

"Come on, brother, I'm so scared. In just a few days, I've seen someone come to me with cash. Scared to death!" Zhang Fan said with lingering fear.

"In fact, it's no big deal. You see, if it passes, you'll accept it, and if it doesn't pass, you'll refuse it. Speak gently, don't say dead, but speak vividly." Batu smiled. The old God was teaching his experience. If it weren't for Zhang Fan, he would never teach this.

"OK, brother, I'm timid. I can't do it. Just say how I refuse." Zhang Fanbai was like Batu. He didn't want to learn from Batu's experience. "You sent yourself in once!"

"It depends on what you want to do, climb up, or just want to develop towards medical treatment."

"That's for sure. Climb up. I don't have that brain. I still have some advantages in medical treatment. " Zhang Fan, who has a big killing weapon, is too modest.

"It's very simple. Go to the Department in the morning and don't go to your office. Even if you go, you won't agree to anything. Just say it's not your business."

Zhang Fan thinks it makes sense. That's it. Zhang Fan's visit to the Department is very ordinary.

The bird market began to contact Zhang Fan. At the weekend, people contacted three patients with huge tumors. Zhang Fan was happy about this.

He said hello to Ouyang. Zhang Fan went to the county and township for acupoints. Ouyang was not happy, but if he went to the superior hospital for acupoints, Ouyang absolutely supported it.

"Pay attention to safety. When you leave, go to the government to say hello in advance. You are not a general doctor now. " Ouyang specially explained to Zhang Fan.

Zhang Fan went to the government for the first time. I don't know when to start. The old gatekeeper was laid off and became a special uniformed man.

"Master, don't park in front of the building. You can park in other places." Although Zhang Fan's car doesn't have an access card, the brand is scary.

"Thank you!" Zhang Fan entered the hall. This place is more complex than the hospital. He didn't even have a sign. "Comrade, where is XX Department?"

"Promise!" A nice-looking lesbian, with no expression on her face and a wooden head, casually pointed upstairs without talking. Zhang Fan looked at her fingers and almost didn't laugh. Can you be reliable? Is that a window!

There's no way. Find it layer by layer“ Ha ha, Dean Zhang, please, please come in. " Zhang Fan climbed three floors and finally found it. The leaders are very enthusiastic.

"Section chief, I want to take a leave and go to the bird market for an operation." As soon as the deputy section chief listened, he hurriedly asked, "what's the matter? Are you uncomfortable? If it takes a long time, you have to go to the leader to sign." He thought, sick promotion, what's going on!

"No, I went to the Affiliated Hospital of bird city to operate on others. They invited me to have an operation. It's just two days on weekends without delaying work. " Zhang Fan quickly explained.

"Oh, oh! It turned out to be so. Ha ha, I heard that Zhang Yuan of the municipal hospital had done a great job in surgery. I didn't expect that he had entered the capital. OK, no problem.

Zhang Yuan, what kind of surgery do you mainly do? " As soon as the deputy section chief heard that Zhang Fan could go to the Affiliated Hospital, it was so awesome that he hurried to pour water and smoke for Zhang Fan.

"Mainly surgery." Zhang Fan didn't elaborate.

"Surgery, my child is partial to food and is very fat. Does this belong to internal medicine or surgery?" The deputy section chief has the posture of chatting. After all, he is the deputy section chief, and his authority is not enough. After a while, Zhang Fan is famous in this place.

"President Zhang of the municipal hospital can now go to the Affiliated Hospital of niaoshi for surgery.

Isn't your family medical? I'll introduce you that day. "

"OK! I also plan to go to the affiliated hospital to see my gallbladder. Since the Zhang Hospital of our city hospital is so powerful, I don't have to go. There are too many people in the bird market. I have to queue up to see a disease! "

I can't drive to the bird market this time. There's not enough time, and the other party has booked a ticket for Zhang Fan. It's just a plane as big as a bird. There's no stewardess on the plane, all male flight attendants.

For more than 40 minutes, the bird market arrived. The directors of the second and fifth hepatobiliary departments of the affiliated hospital came to pick up the plane in person.

"Ha ha, hard work, hard work. Zhang Yuan has been promoted. Let's celebrate in the evening. " Director Li of the second hepatobiliary Department contacted Zhang fan through the director of the medical department of tea vegetable hospital.

"Zhang Yuan, hard work!" The director of the fifth hepatobiliary department also came forward to greet him with a smile.

"Thank you, thank you two directors." Zhang Fan smiled politely. The leadership position trains people. It's hard to say in other aspects in a week. First of all, Zhang Fan has changed. He doesn't seem to be so frightened. Have he grown up?

Zhang Fan was supposed to continue to stay in a five-star hotel, but Zhang Fan refused. The traffic jam in the morning of bird market was too severe, so he found one near the hospital.

Zhang Fan's purpose is to have more operations. As for others, he is not very particular. The two directors, both in their forties, are very polite. There is no shelf because Zhang Fan is a doctor in a lower level hospital.

The Affiliated Hospital on Saturday was shaking. After all, it was a large hospital in the provincial capital, and the number of patients was not much less than in the past. Zhang Fan's second arrival was completely different in the hospital.

"Hello, director Zhang!" The head nurse of the operating room personally stood at the door to meet Zhang Fan. The director of the second hepatobiliary Department greeted the hospital in advance, and the president of the hospital also strongly supported it.

Leaders attached importance to it. Not only the head nurse in the operating room worked overtime, but also the director of the anesthesia department came forward in person.

"Ha ha, what director, is a past tense. Now it should be called Zhang Yuan." The director of the second hepatobiliary Department accompanied Zhang Fan to the operating room.

"Oh, my God, Congratulations, Zhang Yuan, please. The new wash clothes are specially prepared for you. It's not appropriate for you to try. In the future, this set of hand washing clothes is for you only, and others won't use it. Slippers and everything are new. "

"Thank you, head nurse." Zhang Fan nodded. Someone opened the door in advance, sat down and poured water. Without speaking, someone came out to mediate the atmosphere, and everything began to become different.

"Zhang Yuan, look, this is the examination of the patient." Looking at the patient's medical record, Zhang Fan also sighed, "after all, it's a big hospital in the capital. Such a similar patient can be collected in such a short time!"

Although I haven't had an operation with director Li, the operation technology is standardized, so I don't feel strange. Now Zhang Fan has the treatment of experts.

Zhang Fan doesn't have to worry about disinfection and sheet laying. Even the head nurse wears surgical clothes by herself“ Zhang Yuan, is it tight? Shall I loosen it for you? "

"Thank you. It's quite appropriate. No need."

"Zhang Yuan, what do you think of this temperature? Is it hot or not? Why don't you lower the temperature a little."

The recovery and discharge of the huge tumor patient in the first liver center of the affiliated hospital has made the hepatobiliary doctors no longer question Zhang Fan's level.

The directors of hepatobiliary department also want to do well. If one can't, just two. Anyway, someone can do it. Can't you still learn it? If you want to learn technology, you must serve a good family.

At the beginning of the operation, several assistants on the stage were top-notch doctors in the second Department of liver and gallbladder. Of course, the first assistant was director Li.

Into the liver, began to cut, "too accurate!" Personally on the stage, watching Zhang Fan cut his liver one knife after another, director Li was completely convinced.

Zhang Fan didn't speak. It was quiet in the operating room. Everyone didn't take the initiative to speak. After all, we are not very familiar with it. When the liver tumor is completely cut off, the operating room seems to live.

"Zhang Yuan, this blood vessel is so close. How can you be sure of this position?" After finishing, director Li spoke.

"Do more. There is no literature on the current position of this blood vessel that says it has variation,

and the stripping of this place must be controlled to this position, otherwise the distance is not enough, and the tumor may not be cut clean." Zhang Fan thought a little.

"Oh!" I don't know if director Li understands, but it's estimated that he will buy a lot of pig liver.

"Zhang Yuan, go and have a rest first. There is another operation and the other one will be put in tomorrow morning." The second assistant, the deputy director of the second hepatobiliary department, wants Zhang Fan to get off the stage in advance.

"Nothing, not tired!" Zhang Fan didn't want to refuse. No matter whether it's the requirement of the system or not, it's best to finish it from beginning to end.

"After the operation, we must have more snacks. After the operation, the treatment must be improved. Albumin and even blood transfusion should also ensure the patient's protein value, otherwise there will be liver failure."

"OK, Zhang Yuan, you can rest assured that you will worry."

An operation in the morning didn't end until noon. The family bought KFC and directly carried several large bags.

"I'm sorry, Zhang Yuan. There's not enough time at noon. I'll make do with some food first and give you a good reception in the evening." After an operation, director Li became more polite and enthusiastic.

There are three operations in total. Two are from the second Department of hepatobiliary surgery and the other is from the Fifth Department of hepatobiliary surgery. Director Li accompanied Zhang Fan to KFC. If it weren't for Zhang Fan, he would never eat this fast food. Before saying a few words, the director of the Fifth Department of hepatobiliary came.

He came early in the morning. After seeing Zhang Fan's operation in the science and education department again, he became more concerned.

Let's not say that he is better than other directors. First of all, he can't be worse than others. Now the directors of hepatobiliary surgery are desperately trying to win this type of surgery. Of course, he is unwilling to fall behind.

Director Li looked at the arrival of the director of the fifth hepatobiliary department, rolled his eyes, smiled at Zhang Fan and said, "Zhang hospital, the hotel in the evening has been booked. There is no one else. They are all doctors in our department. The doctors in the department want to have surgery with you, but there are only a few positions. Then express their respect at the dinner table!"

"Oh, I also ordered a special dish. I entrusted a lot of relationships to make the reservation. It is said that the chef is ancestral. His ancestors made official dishes for Bayi.

Director Li, why don't you see that you invite Zhang Yuan again tomorrow? " The director of the fifth hepatobiliary department was afraid that Zhang Fan would be invited to leave at night, so he stepped on it.

"Well!" Director Li is angry.

"You're welcome. You're really welcome. Just eat. Why don't we find a bigger place and join us!" Zhang Fan is here for surgery. He has no intention of their contradiction.

Chapter 455

After dinner, the operation began immediately. We can't delay. The patients are estimated to be hungry. Zhang Fan continued the operation.

Medical treatment, physicians and Chinese medicine are not discussed, because these two kinds of doctors can do as long as they want to be an ordinary doctor and have passed the examination of a licensed doctor. It is very simple.

But you want to be an expert, not a brick house. Not just a practicing certificate. There are too many things to have. A good liver, a state of mind that can precipitate, and a good platform are not enough.

The surgeon, who wants to be a high-quality surgeon, not only needs the above conditions, but also a very important thing, that is talent!

To say talent, Zhang Fan is an ordinary person. If there were no system, he would be able to remove the liver anytime and anywhere, and strengthen his physical quality. It is estimated that he is an ordinary doctor. He is less than 50 or 60 years old. It is estimated that he can't have his current achievements, because surgery pays too much attention to talent.

Zhang Fan's super liver. Come on and try to catch up with all the time to go to the liver. The benefits of this liver are also reflected now. A lot of knowledge is tangled. Maybe when your liver reaches a certain level, it seems to be suddenly clear and enlightened.

Zhang Fan is like this now. In the past, the organizational structure and human anatomy in his mind were purely practiced by the system. Like a stuffed duck, it was a structure in the mind, at most a slide.

Although familiar, although skilled, but not flexible, as if not their own things. As a result, while

performing this operation, suddenly, Zhang Fan seemed to feel that the things in front of him were too simple.

It's like doing a math problem. It seems to understand at once.

This anatomy, this blood vessel and this tumor seem to be much clearer than before, and the images in my mind are also very flexible, just like the magic cube in a magic cube master. If you turn it casually, you can return to the origin.

It turned out that this kind of tumor was rubbing blood vessels. Zhang Fan was holding a scalpel with almost no weight, but like holding an 80 meter long knife, almost all his strength was trying to control and improve his accuracy.

Now, I've got it through, figured it out and enlightened. It's really easy to say. The Epee has no edge and great skill. When the technology begins to change in quantity and reach qualitative change, the previous difficulties and questions are broken like a thin piece of paper!

With the sudden idea of being transparent and accessible, Zhang Fan's operation method and speed have changed. In the past, Zhang Fan tried not to pursue speed, just for a stable word and a safe word.

But now it's transparent. Even if you don't pursue time, the speed is unconsciously faster, just as you used to drive a bicycle and now drive a car. Although they are all cars, the way you drive is different!

The hair of the director of the fifth hepatobiliary Department exploded. Looking at Zhang Fan's rapid cutting of the tumor, when he went down, he could see that the blood vessels in the current building, or the meridians in a lighter color, or the arteries in a redder color, appeared in front of Zhang Fan's scalpel.

"How fast did he get up? Did he have a bad stomach and want to go to the bathroom in a hurry?" At this time, in a fashionable sentence: he didn't dare to ask, he didn't dare to say, and he could only look at Zhang Fan's knife fast. Like a knife on his body, his heart will beat rapidly.

Zhang Fan, who has a clear mind, knows more about the liver, where this knife can go, where it can go, and how much force to use.

This state is too comfortable and refreshing. Zhang Fan went so far as to have surgery. He used to have surgery for surgery. He said it was fun, but also to improve the experience value of the system. In order to live better and live better for my family.

I used to have surgery. I was a little forced by myself. But now it's different. This kind of surgery after permeability can make Zhang Fan feel happy, a so-called pleasure.

He's Hi, but some assistants are hairy. One knife is more dangerous than another. They dare not make a sound. They are deeply afraid that the next knife will break their blood vessels.

The director of the Fifth Department of hepatobiliary originally wanted to see more about Zhang Fan's techniques and pay more attention. He could get started earlier. But at this time, where can we take care of it? A little differential dessert can't keep up with Zhang Fan's rhythm.

In the morning, Zhang Fan did the operation for more than four hours. After that, he said that he was not tired. But the operation in the afternoon, after entering the liver, Zhang Fan had a good idea, the operation time was shortened exponentially, and it ended after one o'clock in two hours.

The time is fast, and the injury is smaller than that of the operation in the morning. There is hardly much bleeding on the wound“ That's awesome! ” The director of the fifth hepatobiliary department called out regardless of his identity.

The nervous and creepy heartbeat during the operation, with the perfection after the operation, made him as an assistant. From super nervous to extremely refreshing, it's so comfortable.

Comfortable and cool, the rest is deep helplessness and admiration. Zhang Fan feels very comfortable with the upgrade of Zhang Fan's idea, which can bring a blow to others.

When the directors of hepatobiliary Department watched Zhang Fan's operation through the Department of education, although they felt that the operation was very difficult, they seemed to be able to achieve Zhang Fan's level by practicing themselves.

But now, the director of the fifth hepatobiliary Department has a very sophisticated vision. He knows that this technology can only be looked up to, but he doesn't dare to ask for anything to catch up with.

"Zhang Yuan, it seems that the operation method in the afternoon is different from that in the morning, and the damage is smaller, but the difficulty is much higher. I, this..." Zhang Fan hesitated while finishing the operation, and said vaguely.

"It's all right, director Chen. Just say something." Zhang Fan was happy, very happy, and his tone changed from the tired state in front, with a little pleasure.

"Hehe, Zhang Yuan, you can't find the whole northwest medical circle." First hold it for a while, and then he said, "but the number of patients is too huge. In the past, such patients could only be treated conservatively. It's hard to say. In fact, they were waiting to die. Waiting for death to harvest.

Can you, can you improve the operation to make it simpler and more popular. If it's not my

exaggeration, it's probably too difficult to promote it in your way. "

While looking at Zhang Fan's face, the director of the Fifth Department of liver and gallbladder said, biting his teeth, saying to his face that a doctor's operation had no future, and he was worried that the other party would be angry.

Zhang Fan was originally finishing, listening to each other's words, "it seems to make sense! How can we improve it? " When you think about things in your head, you are slow in your hands.

Zhang Fan didn't speak, and he began to slow down. The director of the Fifth Department of liver and gallbladder felt excluded from the learning circle by Zhang Fan.

Unexpectedly, about a few minutes later, "what do you think needs to be improved?" Zhang Fan thinks and conceives. He has no feelings when he speaks. He is very insipid.

Can stop in each other's ears is to ask, or

"That's what I said. I think you can't change this operation." If there is only one hepatobiliary surgery, he is the director. He is not afraid at all, but he is not the only hepatobiliary surgeon! And he's not the top director yet.

"No, you're right. Surgery should be popularized. Only one person can understand it. The technology is a trail. One or two can't be improved. You can take more patients and we'll study them together. " Zhang Fan said thoughtfully.

Director Chen of the Fifth Department of liver and gallbladder is about to jump up. He doesn't know if Zhang Fan is showing off his skills in this operation, but what he knows is that Zhang Fan's operation is so awesome that he can't catch up with it.

Now Zhang Fan is willing to take him to make improvements. Can he be unhappy? As long as he takes this hand down, hepatobiliary department, hepatobiliary department in China definitely has his place.

"OK, OK, thank Zhang Yuan, thank Zhang Yuan! Thank you so much, thank you so much. I must find a way to collect more patients. " The old man in his forties was so excited that if it weren't for the operating room, he might be able to hold Zhang Fan up and turn around.

After leaving the operating room, Zhang Fangang took off his gloves. Director Chen of the Fifth Department of hepatobiliary hurried to help Zhang Fan take off his clothes. "Zhang Yuan, let me help you. Just sit down and have a rest. Xiao Wang, go and pour a glass of water for Zhang Yuan. After eating KFC at noon, you will be thirsty."

"Thank you. It's all right." Zhang fan does it himself. Director Chen wants to wash his hands for Zhang Fan. People brought the water. The doctor who carried the water also had an operation. He looked at Zhang Fan with expectant eyes. His eyes were watery!

Finally, I was disappointed. Zhang Fan didn't say: if you come to participate“ It seems that we should hold the director's thigh first. Zhang Yuan's legs are too thick to hold! ”

"Let's go and see the patient." Zhang Fangang finished, and the director of the second hepatobiliary department also came in.

"Zhang Yuan, it's great, it's really great! I've contacted a patient from the mainland. I'll be at the bird market next week. I want to improve this operation. It's not enough to rely on the patients in our frontier. "

He had a good relationship with the head nurse in the operating room. When Zhang Fan wanted to improve the operation, the head nurse took the time to call director Li of the second hepatobiliary department.

There is a reason why this person can succeed, not for no reason. Director Li of the second Department of liver and gallbladder is very good at being a man. His patient number is higher than that of the director of the Fifth Department of liver and gallbladder. And someone can call and listen to the news for him, which is also an advantage.

"Really? Where feelings are good, there are many patients, and it is estimated that it can be successfully improved as soon as possible. " Zhang Fan was also happy.

The director of the Fifth Department of hepatobiliary surgery is almost dumbfounded: NND, you are everywhere.

"I'll contact, I'll contact." When there is comparison, there is competition, and the director of the Fifth Department of liver and gallbladder also made a hasty statement.

"Don't worry, let's go and see the patient who underwent the operation first. Is the ICU in your hospital convenient? " Zhang Fan asked casually that the surgical department and ICU are not a system. Sometimes, ICU is not allowed to enter unless at a specific time.

"Convenient, convenient, why not. Zhang Yuan, you have a rest first, and then we'll go to ICU. "

"Go at your convenience. You don't have to rest. You're not tired."

"Hey, you're in good health. You're not tired at all for such a fast-paced operation. I'm too tired to stand." The director of the Fifth Department of liver and gallbladder flattered.

"Why don't you take a break, director Chen? I'll go and have a look with Zhang Yuan."

"Ha ha!" Sneer, if it weren't for Zhang Fan, it's estimated that they could fight. A reform of tumor surgery, what great benefits, it's strange not to work hard.

"Protein, a little low." Zhang Fan said with a little worry.

"I've asked my family to buy it." The doctor in charge of the bed quickly stood up and said.

Zhang Fan didn't bite. He couldn't help it. The operation succeeded, but the medicine can't keep up. What can I do!

"It's all right. I'll call the president now. The hospital has several bottles of albumin reserved for the president's special approval, which can be used for him now." With that, the director of the second hepatobiliary department took out the phone and began to call.

After reading the patient, I comforted the patient's family. Zhang Fan is ready to go back to the hotel to rest.

"Zhang Yuan, let's go to the place where we eat."

"It's only a few o'clock. Let me go back to the hotel and have a rest." Zhang Fan said in wonder.

"No, Zhang Yuan. The place has complete facilities. You listen to me. " I couldn't help saying that director Chen of the Fifth Department of liver and gallbladder left.

Of course, the director of the second hepatobiliary department didn't fall. Before leaving, he whispered to the doctors in the Department, "go to my house, find my wife, say what I said, and get out the wine buried in my father's yard. Then I'll call you and you bring it. "

Chen, director of the fifth hepatobiliary department, drove through the streets and stopped in a very busy pedestrian street“ Zhang Yuan, the car can't get in here. Let's take two steps. "

"OK!" Zhang Fan nodded. After all, it is the capital of a province and is still very prosperous. Walking through the streets, in a bustling scene, three people came to the street behind a pedestrian street.

Director Chen of the fifth hepatobiliary department took Zhang Fan to a small courtyard between the Gaoluo buildings. This yard is nothing special if it is placed elsewhere.

But looking at the high-rise buildings around, the yard reflects its awesome place. It seems that the boss is not an ordinary person to keep such a large place in such a prosperous place.

The vermilion gate is covered with golden steamed bread, and two things like gold rings are hung at the door. Zhang Fan doesn't know what this thing is called, but he knows that it shouldn't be cheap to add this thing to the wooden door.

"Bang! Bang! " Zhang Fan watched director Chen smash the door with great strength and was worried that his master would come out to find him to compensate for the door. The door opened and a very

beautiful girl was wearing a dress that said it was a cheongsam but not a cheongsam.

"Hello, I called President Chen."

"Please come in. President Chen has explained." The girl said with a smile.

"Zhang Yuan, please!"

"Please! Please! Please! " The yard covers a large area. Zhang Fan estimated that it has an area of at least five or six mu. The entrance door is a rockery. You can't see the buildings inside from the door. The rockery directly blocks people's sight.

Chapter 456

"Zhang Yuan, please! This used to be a Bayi house. I saved a child at the fate meeting. At that time, no child was breathing. I even pressed the belt for artificial respiration before I rescued it.

Later, I learned that it was a noble child. When the director competed, others also helped a lot. Then he gave me a business card and said that some distinguished guests could bring it here for entertainment. To be honest, I haven't been here once.

What we did was to save people. It was our bounden duty, and people thanked us, so I didn't mean to come. If you hadn't come today, I don't think I would have come to this place. " Director Chen of the fifth hepatobiliary Department said the truth, with a slightly proud look.

The director of the second Department of liver and gallbladder understood a little. No wonder when the Fifth Department was established, the director could quietly win the title of director.

"Hi! You are welcome. Just be casual. There's no need to fight so much. " Zhang Fan looked at the rockery, the generous bricks paved on the ground, and then looked at the girl leading the way in front. He also felt

"Yes, you don't have a burden. In fact, I just want to see it through your light, otherwise I'm always itching. Ha ha! "

Even the director of the Affiliated Hospital dare not cherish this kind of relationship with others. Human relations are like tea, and using too much is like white water. This feeling, this gift, although others did not say it clearly, Zhang Fan understood it!

Since director Chen is so attentive, Zhang Fan has no reason to refuse again. It's OK to understand in your heart. They are all adults. They have turned a few times in the world of mortals. There's no need to make things too clear.

The rockery is not small, and there is gurgling water on it, which makes the small yard in the bird market feel a little wet. Around the rockery, you can see a piece of peach blossom.

People living in the Gobi like planting trees very much. They will plant trees wherever they go. Han people pay attention to many things. There can't be a single tree in the yard, and mulberry trees can't be planted in front of the door. There are many rules. The Gobi people don't pay much attention to planting trees.

Although the bird market is not a Gobi, this kind of peach forest is still very rare. I don't know what kind of peach tree people are planting. It's almost the end of April, but the peach flowers here are still very vigorous.

The colors of flowers are also different, including crimson, crimson, pure white, and even mixed red and white flowers. Although it is not as beautiful as the unified pink, it is colorful when it is on a large scale.

Walking in the peach forest, bees are flying, and the aroma is compelling. It is estimated that it is due to the variety or scale of peach trees. The aroma of flowers is very strong“ To eat in this place, at least you can't be a patient with pollen allergy. " Zhang Fan thinks proudly, because he is not allergic!

The brain circuits of technical dogs are estimated to be different from those of ordinary people! Out of the peach forest, a very grand White House appeared in front of us.

This kind of house is placed in front of a tall building. It is my brother. But if you get it in front of an ordinary single storey building, you can really call it huge.

The roof is pointed up in the air, and there seems to be something like galaxies on it. Zhang Fan didn't understand this kind of thing. This time, he didn't dare to say or ask.

There was an ambulatory in front of the house, surrounded by large pieces of glass. What surprised Zhang Fan most was the ground in front of the house. Just out of Taolin, the ground in front of the house is made of white marble.

Let Zhang Fan's poor language to describe it, which is definitely an idiom: light can be seen "What a trench! The Mopper is estimated to be dead tired." Zhang Fan hesitated and looked at his shoes. He wanted to hide his feet.

Shao Hua didn't come. The dust on the road of bird market was big. His shoes were a little dusty. He was busy with surgery and didn't bother to brush his shoes. Zhang Fan shrunk and didn't dare to step on it. He couldn't waste other people's labor achievements.

At this time, a woman in her early thirties welcomed her. Obviously, she is a young beauty. "Welcome, director Chen and distinguished guests, please!" If you don't speak, Zhang Fan definitely thinks he is a foreigner.

Women are barefoot, white toes standing on the marble, which is what they should look like. It's too against Zhang's earthy shoes to step on it.

Director Chen and director Li are both frontier aborigines and understand the customs here "Zhang Yuan, you have to wear slippers to enter here." As he spoke, he took off his shoes first.

The woman took Zhang Fan and they entered the house. At the door of the house, there was a yellow washbasin inlaid with various patterns, "gold? "Copper?" Zhang Fan really saw the world.

I have been to the frontier for two years, and I have come into contact with some things, but this place really gives Zhang Fan insight.

This kind of hand washing is particular. Anyway, it's not washing with soap and clean your hands with water. After washing, clench your hands gently, open them gently, and shake them slowly, because there is no towel to wipe your hands.

In the house, there was only a low table on a large white carpet. The thick blanket was large enough. When the big table was put on, the blanket was much larger than the table. There are blankets not only on the ground, but also on the walls.

The blankets on the ground are pure white, without a trace of variegation and no pictures. There are a lot of things on the blankets on the wall. There are buildings woven on them and animals. They are very beautiful.

After a while, director Li went out after a call, and when he came in, he had a bottle of ceramic jar baijiu.

Before talking, the young woman who led the way came in, "distinguished guest, we can't drink here. I'm sorry!"

"Oh, all right. We don't drink. I'm sorry. "

"Hehe, it's OK! Thank you for your understanding. " Then he left.

"It's a pity that we can't have a drink with Zhang Yuan. But Lao Chen has no luck, ha ha. Thirty years old! We can't see it on the market now. "

Lao Li smiled and then said, "my old man buried this wine. There are only five jars in total. When I got married, the old man took out one jar. This time, two jars came out. When Zhang Yuan left, take it with you. "

Little effort. A group of girls in purple gauze skirts began to serve. Silver plates filled the table. Although Zhang Fan had not eaten Western food several times, the expensive price made Zhang Fan remember deeply, so he saw that there were more chopsticks and spoons in the tableware than western food.

"Zhang Yuan, try this roast camel. You can't taste it outside. "

"Thank you! Thank you! "

After dinner, they also took Zhang Fan to visit the nightlife of the bird market, which was rejected by Zhang Fan. Unmarried men can't hang out with married men.

Back to the hotel, after Zhang Fan called Shaohua, Zhang Fan lying in bed entered the system, ate and drank enough. After unplugging the telephone line of the hotel, Zhang Fan thought of a way to improve it?

The difficulty of liver is not the size of resection area. This thing has the strongest self-healing function among the large organs of the human body. Moreover, liver tumor surgery began as far back as 1888.

At that time, doctors did not know clearly about the structure of the liver, so there was no life guarantee for patients on the operating table. Good luck, live! Bad luck, maybe even the operating table can't get down.

When the casting damage method was invented, later doctors really knew the structure of the liver. In fact, they injected the material that can be heated into a liquid into the liver. When the temperature decreased, the material would solidify, and then the liver was completely removed, and the internal structure of the liver came out.

According to the casting method, the liver can be divided into eight segments. The reason why the operation of liver central tumor is difficult is that its location is too troublesome. If the operation technology is not reached, a large number of liver channels will be damaged.

After the operation, the liver passage is over, and then there is liver failure.

Zhang Fan studied in the system, and the two directors of the Affiliated Hospital also reached an alliance to cooperate to improve the surgical improvement of liver central tumor as soon as possible.

On Sunday, as soon as Zhang Fan got up, the two directors arrived at the hotel. They are really like serving a master. After breakfast, several people came to the operating room.

The two directors have reached an agreement to go to surgery together and act as a helper in exchange“ Zhang Yuan, anesthesia is ready! ” Director Chen said to Zhang Fan gently.

The operation began. After yesterday's operation, Zhang Fan completely conquered the nurses and anesthesiologists in the operating room. Yesterday, everyone had to be polite because of the instructions of the president of the affiliated hospital.

Today, respect is purely because of technology. This is the simplicity of the technical unit. As long as you have the ability, you will have a chance to come out sooner or later.

"This is the triple duct of the liver. As long as it is the place where the triple duct (hepatic artery, portal vein branch and bile duct take shape together), we must try to avoid damage. As long as a piece of liver tissue is preserved by the triple tube, it will have function, and the liver will recover slowly after operation. "

Zhang Fan said while doing it, "Zhang Yuan, but how can we avoid such a close distance." After listening, director Li thought for a long time and still found it difficult. The distance is too close. It will be cut if it shakes a little.

"Is it near? Well, let's cut from the side. We can only go here. If we deviate again, we can't achieve the effect of complete tumor removal! "

Zhang Fan, who has a good idea, has a thorough understanding of liver surgery. He can't change without his religion. He makes various improvements and looks for simpler surgical methods.

Energy is conserved, which is almost the same for surgery. If you want to operate simply, you have to increase the operation steps. If you increase the steps, the operation time will be prolonged.

Zhang fan used to do this kind of operation as fast as four hours. After he had a good idea, he could finish it in less than two hours. In order to improve the operation, it was almost four hours after the operation.

"How's it going? Although the steps are a little cumbersome, the relative difficulty of the operation is also reduced. How do you feel? "

"Zhang Yuan, to do this, you must have a lot of practice. Although it's too simple and cumbersome for you, it's still very difficult for us, but I think I should be able to take it down." After the operation, director Chen said his feelings.

"The operation time is still too long, which will increase the probability of infection and injury. We still need to improve. " Zhang Fan frowned and said.

"It needs to be improved, but it also gives me hope. If we follow the operation method yesterday afternoon, it is estimated that few people in the country can do it."

"Then please ask the two directors to collect more patients." Zhang Fan said to them with a smile.

"You're welcome. That's what we should do. Zhang Yuan, take a break and leave after dinner? Why don't you tell our dean to come directly to the Affiliated Hospital as the chief director?" Director Li said to Zhang Fan with a smile.

"Hehe, take your time, take your time, don't worry. I won't eat dinner. It's getting late. I'd better go back early." Zhang Fan didn't answer him.

"Well, Zhang Yuan, here's the operation cost for the past two days. Twenty five thousand, you little. There are three more operations next week. We have made an appointment!"

This is the rule of flying knife acupuncture walking. In two days, one operation is 25000 and four operations are 25000. However, the surgeon's time and energy are limited. Generally, there are only two operations.

"Take these ten thousand, you two. It's not suitable for me to take it alone."

"No, no! Didn't you hit us in the face!" The two directors were surprised. They received a lot of doctors who went to the acupuncture point. There was no saying that money would come out.

"Zhang Yuan, don't break the rules. If you give us money, we won't invite experts, but we will make money together! It doesn't make sense." Director Li explained to Zhang Fan with a smile.

Although Zhang Fan had a thorough operation, his thought still didn't come out of the county and township hospitals. In fact, doctors in local hospitals can do most of the operations in counties and townships, but they only hire outside experts because they can make money.

Provincial hospitals are different. A top hospital in the province has lost face by inviting outside doctors.

They took Zhang Fan to the airport. I don't know whose face it was. Zhang Fan took the VIP channel for the first time, checked security in advance and got on the plane in advance. For this bird sized plane, Zhang Fansi doesn't like to sit. He exercises his courage too much.

Like a tractor, he shook for more than 40 minutes, got off the plane at the tea vegetable airport, and Zhang fancai took a long sigh of relief.

Small cities have the advantages of small cities, with fewer people, fewer cars and less pressure. Money is also relatively valuable. The 25000 in Zhang Fan's pocket can be counted as a huge sum of money in tea, but in the bird market, it is estimated that it is a meal for some people.

Zhang Fan decides to buy Shaohua a bag. From inside to outside, Shaohua worried about buying it on time. Usually Zhang Fan doesn't have time and doesn't care what to buy for Shaohua.

When he went to the bird market this time, he found that girls in big cities were carrying or carrying beautiful bags. He suddenly remembered that Shaohua's bags were a little old.

After getting off the plane, I didn't go home, but went directly to Vientiane exchange. I spent more than 1000 yuan and bought a bag that is said to be a world famous brand.

Zhang Fan touched the material and skimmed his mouth. "It's still a world famous brand. It's not as thick as anyone's skin!" But compared with others, this bag is still leather.

Chapter 457

"I don't even have time to rest when I have an operation on the weekend. Buy me a bag, and you don't have a rest." Shaohua blamed Zhang Fan, but he didn't put down his bag in his hand.

"God, it's so expensive!" Zhang Fan lies in bed and presents a word too! It's all because the weather is hot and the clothes are less.

"This is a famous brand!" Zhang Fan grabbed Shaohua's waist.

"Fool, where's the famous brand from a small city." However, Zhang Fan has her in his heart, and Shaohua is still happy. It is this price that makes her a little meat pain. Zhang Fan's money is not from the wind. She can see how hard he works.

"What's in the box, so heavy!" Originally, Zhang Fan didn't plan to bring a box to the bird market. He stayed all night and brought a small underwear bag. Shaohua didn't want to, so he prepared a box for him. If Zhang Fan hadn't stopped it, I would have put in the umbrella.

The clothes inside, how to go, how to come back now" Director Chen gave me two cigarettes and director Li filled two jars of wine. "

"The next time you go to bring something to others, how to say, you have charged for the operation. It's not good to let others spend money."

"Yes." For such things, how Shaohua arranges, Zhang fan does.

On Monday, Zhang Fan took Batu's approach and went directly to the Department instead of going to the office in the administrative building of his hospital.

"Zhang Yuan, can you say something?" Thoracic surgery, after the shift was handed over, the director outside the chest said to Zhang Fan.

"No, director Yang, let's go to work. I think the doctors work night shifts every three days. The intensity is a little high. Can't the transferred doctors top it? " Zhang Fan took a look at his watch.

Three days a night shift, the intensity is not small. The next night shift has a day off, and the last normal shift has to work for 24 hours. If there is an emergency operation, maybe there is no rest.

Either doctors or patients can't stand this intensity. There will always be an accident at one end.

"As you know, the patients in our department, whether preoperative or postoperative, are relatively more serious. The simplest closed drainage operation in the Department can't be taken down without entering the Department for half a year.

I can't help it. I can't. I'll start on duty! " The director of surgery of a third class hospital participated in the duty, which was very abnormal.

It's not that you don't have to be on duty when it comes to this position, but you can't be on duty. The director of the Department is the last line of defense of the Department. He is ready to deal with things that cannot be handled by the doctors of the Department at any time. Last night, go home and go to bed. Who will deal with the accident!

"No, that's not the way. I think in the future, our surgery should also be in line with the internal medicine. When we enter the Department examination, we can't complete the basic operation. Which department should we transfer to. If you can't pass the exam, continue to turn until you pass the exam! "

"It's good to have a leader in charge of surgery. I've mentioned it before, but no one supports our surgery! Look at the leaders of the hospital, either general surgery or other surgery. " Director Yang suddenly remembered that Zhang Fan was also born in orthopedics!

"Hehe, it's all the same. Doctors of general surgery are also connected. We will formulate the admission

system for organizing the medical department, the general affairs department and the science and education department. "

Zhang Fan slowly began to learn management, and scholars looked at it from the overall situation. What is power? This is power. In a word, dozens of people have to take time to complete what Zhang Fan said.

"Zhang Yuan, where are you? There is something wrong with a patient. Please come and have a look."
Chen Qi, director of the third Department of orthopedics.

The office of the hospital, near the aisle, is a glass wall, which can be seen from the outside. When Zhang Fan went from the chest to the third Department of orthopedics, he found that there were many family members and patients in the corridor.

Man is really a curious animal. When it comes to quarreling, even after the operation, the patients with crutches lie on the glass wall and watch carefully. Zhang Fan didn't say anything, just glanced at the head nurse of the third Department of orthopedics.

The director and head nurse of a department are outstanding in both technology and EQ. It's not ordinary people who can take the lead among dozens or even hundreds of people. The head nurse was busy pacifying the family members of the patients in the office. She didn't pay attention to the family members and patients outside. After Zhang Fan took a look, she immediately knew what had not been done.

"Scattered, scattered, scattered. I said thirty beds. You just finished the operation on your leg in two days. With so many people, you are not afraid of being hit. Are you not afraid of doing the operation in vain. Come on, it's all scattered! " Like an eagle chasing a chicken, the head nurse dispersed the patients in the corridor directly.

The office was in a mess“ If you're not good at it, just say it earlier. Don't be arrogant. We can go to the bird market to see a doctor and have an operation. Before the operation, the dog ate so much medical expenses! Ah, you quacks! "

When Zhang Fan entered the office, he saw a middle-aged woman pointing at a group of male doctors in the office. Chen Qi, in particular, was directly put into her mouth by a woman.

"Don't be angry and listen to me. Let me explain! " Chen Qi tossed and turned on this sentence. It was not that his EQ was not high, but that the lady was too fierce and scolded directly under the pressure of a group of strong men. Like a machine gun, it's fast and cruel. Others can't interrupt at all.

"What's going on?" In the past, Zhang Fan estimated that he was also a melon eater, but now he has to deal with it. Everything in surgery belongs to him.

"Our leader is coming, the leader is coming. What's the matter? You say to the leader, I said you don't believe it, you tell the leader." Oil came out of Chen Qi's forehead.

"Leadership! What's the matter with the leader? Isn't the leader eating and talking! Are you a hospital or a black shop. Do you have some rules? If you can't do medicine, don't be brave. " The woman saw that Zhang Fan was young and didn't bird him at all. She continued to scold him on her waist.

"What's the matter?" Zhang Fan didn't pay attention to this. It's estimated that she became inertia. She couldn't stop for a while and a half. Zhang Fan asked the head nurse who had driven away the onlookers.

"Her husband is the head of XX unit or something. He has a good relationship with Director Chen. There was diabetes and alcohol abuse.

As a result, after getting drunk, I rolled down the corridor, but I didn't feel like I fell, because there were scratches on my neck and face, and... "

"Get down to business!" Zhang Fan is crazy. The woman points and scolds nearby. The head nurse gossips and can be distracted to see!

"Oh!" The head nurse looked at Zhang Fan with embarrassment and said quickly, "when I came to the hospital, the X-ray showed a humeral fracture.

The doctor in charge said it was to let the hypoglycemic treatment first, and then do the operation. As a result, I don't know what happened. Director Chen was pulled to the operating table the next day.

The operation went smoothly. Who knows that today's family members came to trouble because of nonunion! "

As soon as Zhang Fan heard this, he secretly scolded Chen Qi: "make friends everywhere and have face everywhere. Now face is trampled on the ground, not even a rag."

"Where's the film!" Zhang Fan directly told Chen Qi that at this time, he didn't want to persuade the family member. Zhang Fan knew that persuasion was useless and watched the film first.

"Zhang Yuan! Here it is. " The doctor in charge of the bed was about to cry. There was no reckless disaster. The real disaster was no reckless disaster. When Chen Qi didn't come, the woman scolded him first. After Chen Qi came, the woman transferred her anger to Chen Qi.

It's time. Zhang Fan didn't go to watch the film on the film viewer. He directly took the film to the window. The fracture of the right humerus was interrupted and the plate had been deflected because the bone at the broken end had begun to shrink.

"Haven't you reviewed it since discharge?" Zhang Fan is also a little angry. As soon as he saw the film, he knew that it was estimated to be three or four months after the operation, but he didn't find it until today.

"No!" The bed doctor bowed his head. He was suffocating.

"Why didn't you review it? Didn't you write it clearly on the discharge medical record? Is the discharge order not written?" How could he not write? After listening to the head nurse, Zhang Fanyi probably knew it in his heart.

"Yes! It's very clear, very clear. One by one, what should be written and what should be paid attention to have been written. But the patient hasn't been followed up once." The bed doctor didn't understand what Zhang Fan meant.

"What's written clearly? If the operation is done like this, how can you say, shame?" The woman came like a lion with big waves.

"Comrade, are you here to settle things or to quarrel. If we want to solve the problem, we'll sit down and say it well. If you quarrel and a lesbian scolds, we can't lose a piece of meat. Wouldn't it be better for you to call the police and arrest people?"

Zhang Fan said not soft or hard, which was also the first time he spoke to the woman after he entered the door.

"Do you think I dare not? I'll call the police now."

"Sister-in-law, sister-in-law, calm down, calm down. Let's sit down and talk about it. You see, our leaders are also here. What can't be said well."

"Bah, who is your sister-in-law? If it weren't for your friends, my old Zhou wouldn't be bad at learning." Women don't give Chen Qi face at all.

"This guy is too brave!" As soon as Zhang Fan heard this, he knew that there must be something in it. Chen Qi is a thief with sticky hair than monkeys. He usually pays great attention to his face. It's strange today.

"All right, what's the trouble? Go to the ward. Whether you go or not, no, I'll go." A middle-aged man who looked a little angry came in. Zhang Fan knew that his life was not very regular.

The pouch is obvious and the face is morbid red. Puffiness, in these words, is lack of confidence. It is estimated that Chen Qi took time to send a message to this man.

"Just do it. Do you think he is a good man when you regret it?" Saying this, the woman pointed to Chen Qi and didn't wait for the man to say anything. The woman left and slammed the door.

"Lao Zhou, you're killing me!" Chen Qi is almost scolded and crying.

"Director Chen, I'm sorry. I'm really sorry. She has such a temper. Forgive me. I'll serve you tea, toast and apologize in the evening."

"I really dare not drink your wine. Stop talking nonsense. This is Zhang Yuan of our hospital. Zhang Yuan, this is director Zhou of XX unit. "

"Zhang Yuanhao! I'm sorry, I'm really sorry. " The man looked at Chen Qi and said to Zhang Fan very politely.

"Sit down." Zhang Fan looked at the man and said to the head nurse, "head nurse, go and call the nurse in charge of the bed. Let's have a meeting."

Looking at Zhang Fan's expressionless face, the man's face is a little ugly. He is also the chief of the unit. Where he goes, others don't give him some face. Isn't he an assistant? Look at your big shelf.

Chen Qi is a little embarrassed. Because he knew that as long as Zhang Fan looked at the film and medical records, he would know this very well.

"Head nurse, take notes." After the bed nurse arrived, Zhang Fan said to the head nurse, and then said without surprise:

"Do a third-party medical appraisal. It's our hospital's fault, we bear it. It's not our fault, and we can't let people scold the bucket for nothing! " Chen Qi was almost scared to death. The patient's face was blue.

"How can you say that." If Zhang Fan doesn't speak, other doctors and nurses can't speak. The patient is not happy.

"Why can't you say that? This is a hospital. If your family members make trouble again several times, this department doesn't have to be opened. Each department has such two family members of patients. They curse when they come to the door and make trouble when they come to the door. This hospital doesn't have to be opened. " Zhang Fan didn't leave any room for business.

"Zhang Yuan, this thing, in fact..."

"We'll talk about your responsibility later. Now we'll implement it in front of the patients. What do you want to do. Do you want to identify or find a way to solve things together? " Zhang Fan didn't let Chen Qi be reconciled.

This patient Zhou has few hobbies, such as drinking, smoking and KTV. He seems to be involved with a married woman. His arm was punched down the stairs by his husband. His wife had no place to spread fire. She took the third Department of orthopedics as a urinal and came directly to the hospital.

Chen Qi was always with him, and he didn't even control his basic blood sugar reasonably before the operation, so he had an operation on him.

Also because we want face, we want to fit the steel plate tightly, and absolutely peel off too much periosteum and other soft tissue. Several items are combined, which leads to today's results.

The most unlucky one here is not the patient, not Chen Qi, but the doctor in charge of the bed. The director said to do it, can he not do it? Listening to Zhang Fan's tough attitude, he was almost crying.

"Zhang Yuan, my family will never make trouble. Please show me. It's really no trouble. I won't talk much again. You can call the police directly." He doesn't dare to make a big deal. He can't cover this shit. There are already rumors in the original unit. It's estimated that

"Well, since it's over, let's sit down and have a good talk. You have to have a second operation, and the cost and risk of the second operation are multiplied. If you don't get it right, you're disabled! "

"This!" The patient looked at Chen Qi. Zhang Fan was too young. If he didn't have shit on his ass, he didn't want to manage Zhang Fan at all.

"Zhang Yuan is a knife in our orthopedics department. Lao Gao and Lao Wang are not as good as Zhang Yuan." Although Chen Qi is telling the truth, at this time, the tone is almost flattering.

This thing is not so simple. After Zhang Fan temporarily solved the patient's trouble, he called Ouyang.

Chapter 458

The hospital is a strange place. For example, if patients are not satisfied with the treatment effect, most hospitals will pretend to be invisible as long as they do not formally notify the hospital. However, once through formal channels, the hospital must give patients an explanation.

Perfunctory or after detailed investigation, the hospital must give the patient a written explanation. Chen Qi felt that Zhang Fan was young and should not understand. He fooled Zhang Fan and let Zhang Fan come forward and press him down. He didn't have anything to do with him.

But there are Batu, Ouyang and Lao Gao behind Zhang Fan. It can be said that the life experience and official career experience of these three people have reached a higher level than Chen Qi.

Batu once said that the unit can not work and fish, but it must not make a reckless decision after something happens.

Especially after taking the leadership post, the organizational structure is both a constraint and a protective layer. Zhang Fan didn't understand this sentence at that time and disliked Batu's nagging.

Sure enough, before Zhang Fan went out, Chen Qi hurried to catch up.

"Zhang Yuan, help your brother. This matter must not be known to the hospital. If we do the operation secretly, there will be nothing. This operation is not difficult."

If he were a little doctor, Zhang Fan might help with the operation, but now he is the leader in charge of surgery. Secretly performed the operation in private. If the patient doesn't make trouble, let it go. Once something goes wrong, the main responsibility is Zhang Fan. Chen Qi, this is also the transfer of responsibility.

"Director Chen, do you think his wife is the master of giving up?"

"Don't worry, I can calm her down. There will be nothing wrong." Until now, Chen Qi still has the idea of letting Zhang Fan carry the pot. Appease an egg, let others point to the face and scold, put their fingers in their nose, and say they can appease.

He thinks he has a good relationship with Zhang Fan at ordinary times, and Zhang Fan is still so young. What do you know! Say something nice and ask for a favor. You should worry about face.

"What if you can't appease?" After Zhang Fan stood still, he looked at Chen Qi and asked. Without these teachers, Zhang Fan estimated that Chen Qi would really transfer the pot to him.

"No, don't worry about it." Chen Qi pointed to the stars and said the oath of the sun.

"Believe you, the old man is very bad." Zhang Fan originally wanted to talk about Chen Qi's good words in front of Ouyang. Maybe it's over, but this guy wants to pit him wholeheartedly. No wonder others.

"Brother, you are also an old doctor. Don't you understand this truth? You're going to ruin my job! My shoulders are not that wide!" Chen Qi's mouth opened as soon as he said this. He felt that Zhang Fan was young and easy to fool. The first contact was Zhang Fan. Unexpectedly, I didn't expect that Zhang Fan could see things so clearly.

Zhang Fan is the leader in charge of hospital surgery. Once he comes forward and deals with the matter privately, the board must fall on Zhang Fan's ass. This matter doesn't need to be considered at all.

Moreover, Ouyang is the second responsible person. Although the hospital is a public enterprise and institution, it has a legal person. Ouyang is the legal person of the hospital. As for Chen Qi, it is estimated that in the end, it is just a warning to dismiss the director.

Zhang Fan left. Chen Qi looked at Zhang Fan's back and bit his teeth. When Ouyang first saw the meeting minutes taken back by Zhang Fan, he smashed the cups angrily.

"Isn't this nonsense? Chen Qi ignored his emphasis on medical safety for many years. Now there is a disaster. This operation can't be done. It also needs to be identified by a third party. "

After thinking about it, Ouyang slightly said, "if you do this operation, do you have a good grasp? This is no longer a normal treatment. If you don't have a good grasp, there's no need to take risks."

"Seventy or eighty percent should be. As long as blood sugar is controlled, it should not be a problem."

"They know more about the law than we do. Do you think his wife is a simple bitch? She first positioned herself as an injured party. They had definitely asked someone and knew that the consequences were serious. You think they don't want face. Such people want face more than anyone.

If the hospital is cured, there may be nothing wrong. Once something goes wrong, it is estimated to be a big event. Do you understand? This is not a dinner treat or a thing that goes by with a smile. If one can't get it right, the light one will be dismissed, and the heavy one may be the disaster of prison. "

Zhang Fan was stunned. Unexpectedly, he turned to Ouyang, which directly became a legendary story. With that, Ouyang looked at Zhang Fan in a daze. Ouyang was a little relieved.

Because Zhang Fan chose to report at the first time, rather than help cover it up because of his buddy relationship, which shows that Zhang Fan has a minimum political quality.

"It seems that beating is still effective." Ouyang was also proud.

Then Ouyang got up and poured a glass of water for Zhang Fan himself. "You sit on your seat. You are also a leader now. There is no need to be frightened all day." Zhang Fan stood up and had to sit down again.

After putting down the water cup, Ouyang did it on the single sofa in the living room. "We just go to court and can't deal with it privately. Even if we lose the lawsuit, we will be criticized by our superiors. Which hospital dares to guarantee that nothing will happen? But once handled privately, the nature changes. "

Ouyang can say this to Zhang Fan. It's really wrong. Zhang Fan has reservations.

"What's next. Shall we invite a third party to authenticate? "

"No, please consult the doctors of the superior hospital to form a perfect medical record. Whoever should be responsible is who's responsibility. Who is in charge of the bed, let who really write the medical record clearly. It's not timidity, it's prudence. "

"OK, where's director Chen Qi..." Zhang Fan wanted to plead, but when he thought about Chen Qi's face, he couldn't say anything about pleading, but Zhang Fan couldn't do it if he let him fall into the well.

"Ignore him first and wait until the matter is over. It's too brave. Do you have anything to do with him? "

The implication here is not about the usual relationship, but about whether there is any contact in the economy" He bought the books in my office and gave me some cigarettes. "

"You! What to say. Even if he doesn't buy books in the office, tell the director of logistics or the dean in charge that you can't buy any books. Do you smoke? " Although it was criticism, Ouyang's tone was much better than before.

"I was wrong!" Zhang Fan willingly said he was wrong.

"Take out the books Chen Qi gave you and put them in the reading room of the hospital. Don't tell others. If we are worried about this, there is no need for Chen Qi to think you are a villain. There are several cigarettes. "

"Two Chinas!" Zhang Fan's face is black and red. The more Ouyang doesn't criticize him, the more uncomfortable he is. How embarrassed I was to refuse, how ashamed I am now.

"Keep it and put it in a conspicuous place. Take it as a warning that can remind you from time to time. Your road is still long and the world is still vast. Don't wrestle in front of small ditches and ridges.

Although he is only the assistant to the president of a regional hospital, he should see and think more. This position is not only the experience of your life, but also the exercise of your mind. Sometimes, failure is often because of some casual places. Go! Think about it. "

Zhang Fan went out of the door, went into the office and looked at the blue sky outside the window.

The real is: good and evil will be rewarded, and the way of heaven will be good reincarnation. If you don't believe it, look up and see who the sky spared!

Chapter 459

Once people's mind involves interests, it will become very complex. Chasu hospital directly sent consultation letters to affiliated hospitals, general hospitals and provincial hospitals in niaoshi.

This kind of invitation, to be honest, has little effect. There are clear charging standards for such consultation fees. Online consultation, vice high 20 yuan a time, positive high 30 yuan a time. The maximum consultation fee between hospitals is 1000 yuan.

Therefore, science and technology are more and more developed, and various communication conditions are better and better, but network consultation and inter hospital consultation can not develop. The hospital consultation system, which has been established at a huge cost, is thus idle.

The superior hospital forces each chief doctor to deal with how many network consultations should be handled within the specified time. This kind of consultation is usually a complex or special disease, which is a waste of time.

The superior forces the number of consultations and withholds part of the consultation expenses, which is the largest part. Then, the chief doctors of major hospitals began to act perfunctorily or arrange young doctors in departments to replace him for consultation.

If the diseases required by the upper and lower level hospitals for consultation are relatively simple or the lower level hospitals do not handle them reasonably, there will be ridicule.

Then, the doctors in the lower level hospitals lost their motivation. The local people don't look good, or they will be transferred to another hospital. He can't afford to be ridiculed by others for his patient. As for whether there are lower level doctors who suffer from various discomfort, they apply for online consultation for patients.

Yes, but not much. Whether the superior doctors have a very kind and serious attitude, but they don't account for the majority. The consultation between hospitals is even more wonderful. What can come is definitely not the authority of any hospital department. It's just to top the name of a hospital and give a certificate for subordinate hospitals.

Tea vegetable city hospital wants this name and this officially recognized certificate. In two days, the patient's medical record was improved.

Zhou XX accidentally fell after being drunk, resulting in fracture of right humerus. The patients were treated with incision and internal fixation in chasu hospital. Before admission, patients suffered from type two diabetes and poor blood glucose control.

Director Chen Qi, director of bone three branches, is a friend of a patient and violates treatment

principles. Before the formal treatment of diabetes, our hospital actively invited Dr. XX, a doctor of XX in a bird's hospital.

The bed doctor wrote a medical record into a book. As long as it was what happened, the situation at that time, the things after the operation, and pulling out his hair, he had to recall it. This is not only related to the treatment and identification of patients in the future.

Besides, it's about his job. A doctor in a third class hospital, to tell you the truth, if you threaten others with the establishment of the hospital, it is estimated that they are not very afraid. There is no master here, there is a master's place.

However, it is estimated that the revocation of his practice certificate will scare him to death. This is the ultimate trick. It's usually not sent out, but once sent out, it's a big deal.

Zhou XX and his family stopped talking. Ouyang's set of combined punches came down, and Chen Qi was stunned. The original relationship with Zhou XX was as close as brothers and as good as brother-in-law.

Chen Qi's acceptance of red envelopes before surgery was also reported by Zhou XX's wife. Chen Qi is not mud, and people still take it casually.

He even had a cell phone recording at that time. Anyway, they bit their hair. Zhou XX inquired and finally knew who was the best in the orthopedic department of the municipal hospital, that is, the young assistant!

Finally, he didn't leave, so he had to do follow-up treatment in the municipal hospital. As long as he is willing to cooperate, Ouyang is not willing to make things too big. After all, this is a hospital, not a court.

Of course, Chen Qi's director couldn't do it. He was warned by the red headed documents in the hospital and imposed a rescue fine.

He can't go back to the second Department of orthopedics. He can only be an outpatient doctor. A doctor who has been in the outpatient clinic for a long time will write a sick note and a long-term outpatient prescription for chronic diseases, which can be regarded as a pension.

This punishment is not heavy. Chen Qi's future road is also very obvious. Unless there is an unconventional leadership change in the hospital, if you want to have an operation, you can only change places.

Chen Qi almost hates Ouyang and Zhang Fan. Seizing people's money is like killing their parents. But on the surface, there was no sign that he was angry.

Go to work and leave work on time day by day. I laugh at everyone. When I see Zhang Fan, I will take the initiative to say hello without any resentment.

In the United States, about 2 million patients with long bone fractures are treated every year. Of these 2 million, about 100000 patients with bone nonunion.

Moreover, the treatment cost of bone nonunion is about twice that of normal fracture healing. And there is a very high disability rate. Experts from superior hospitals come to tea vegetable hospital, that is, to make a diagnosis and want them to have an operation. None of them is willing.

This kind of operation has too many unpredictability. It is estimated that the patient came after going to other hospitals. If something happens in the hospital, it needs to be solved.

As Zhang Fan in charge of surgery, he has to find a way. In the past, Zhang fan can only make arrangements in his group, and also consider Wang Yanan's mood.

Now it's different, "let's inform Zhou Chengfu of the third Department of bone, Xu Xian of the first Department of bone and Dr. Wang Pingshan of the second Department of bone that we're going to have an operation for nonunion tomorrow."

Zhang Fan is in the office of his administrative building and gives the task to the office director.

"Are you the master knife?"

"Well, I'm the main knife." Zhang Fan replied that these are the leaders among the young orthopedic doctors. Ouyang directly handed over the task of selecting the director of the third Department of orthopedics to Zhang Fan.

At present, Zhang Fan has two people in his mind. One is Zhou Chengfu. Although this person is more utilitarian, he is a good hand in business. The second is Wang Pingshan of the second Department of orthopedics. His business is also quite good, but his character is a little dull.

Both of them were attending doctors who were immediately promoted to the vice high school. Zhang Fan had to consider and weigh the pros and cons. Take Xu Xian, but it's just a cover.

After dealing with some necessary documents, Zhang Fan has to go to the third Department of orthopedics again. Because the director has been removed and the new director has not been appointed, Zhang Fan has to worry more about the work of the Department.

As soon as I got to the door, I heard Zhou Chengfu give lectures to residents and rotation doctors in the Department.

"There are many reasons for bone nonunion. In a big truth, it is not clear, but through evidence-based medicine, it can be determined that smoking is a very significant inducement."

After seeing Zhang Fan, Zhou Chengfu insisted that Zhang Fan say something, "I'm not good. Let Zhang Yuan tell us something. Zhang's lecture was as wonderful as his operation. "

Hospitals should take the road of combining medical education and scientific research, and pay more attention to the education of young doctors, rotating doctors and interns.

Just because of this case, Zhang Fan didn't say much, so he went straight to the stage and began to talk.

"To say that bones are not connected, we must first talk about bones. If the bones of the human body are subdivided, there are many classifications in textbooks, which must be mastered by doctors.

If roughly classified, it can be divided into two categories, cartilage and bone. " Lectures, especially for young doctors and interns, are no better than those in surgery.

Doctors who can ask questions during surgery are almost doctors for many years. What they lack is a little trick or thinking. When facing interns, they can't talk in general.

We should not only speak out the knowledge points, but also speak vividly and interestingly, which requires much higher requirements for the lecturers. Otherwise, the things in the textbook are very comprehensive, what do we have to do with the teacher.

"The composition and organization of bone are found in the teaching materials, and I will not repeat it. Today, because there is a patient, let's talk about bone nonunion. If we want to say bone nonunion, we must first talk about the healing of fracture.

Bone healing mainly depends on four kinds of cells. Bone progenitor cells, osteoblasts, osteoblasts, osteoclasts.

After long bone fracture, osteoclasts will first decompose the bone at the fracture end into various original components, such as bone cells, bone salt and so on.

Then, osteoblasts play. Through gene regulation, it will make free bone cells, bone salts and various nutrients ingested by the human body, make bone progenitor cells reconstitute cartilage, then calcify, and finally form a completed bone. "

Zhang Fan said that the following doctors, whether interns or in-service doctors, are lowering their heads to take notes. Even Zhou Chengfu sat in the back row and lowered his head to take notes. He estimated that the element of affectation was greater than that of learning, but others' attitude was shown.

"The shape of bone is not constant. A mature bone is not immutable. It changes every day as you wear clothes. Through hormone and nutritional conditions, osteoclasts are constantly destroyed and osteoblasts are constantly rebuilt.

Under normal circumstances, bone elements will lose 0.5% of the total amount every year. ". Elderly women lose more because of the lack of estrogen, which is also the reason why elderly women are prone to fracture.

This is also the reason why adults should supplement calcium when they reach the age of 45. When the absorbed nutrients are not enough to keep up with the lost ingredients of the human body, the brittleness of bone will increase and the bone strength will decrease.

Calcium supplement can not be corrected by simply taking drugs. First of all, vitamin D should be supplemented in time. Rickets will occur in early childhood due to lack of vitamin D.

Lack of vitamin A can lead to variation in the speed of osteoblasts and osteoclasts, that is, deformities.

Lack of vitamin C reduces collagen fibers synthesized by cells, resulting in increased bone brittleness.

Moreover, under low stress, although bone is absorbed, the density can not reach the normal density. Especially long-term bedridden patients are very prone to fracture.

Therefore, in order to ensure the health of bones, it is necessary to bask in the sun, exercise properly and ensure sufficient food.

Eating calcium tablets from Australia and America is not as good as having a healthy lifestyle after you eat ordinary calcium tablets.

There are two main nutritional pathways of bones. The first is that the outermost layer is a tight periosteum, which forms a large number of blood vessels, nerves and bone progenitor cells.

The second place is the innermost femoral intima of the bone, which also walks blood vessels. Note that the blood vessels here are small blood vessels. In other words, if a large number of periosteal soft tissue on the bone surface is stripped during the operation, the bone will suffer from malnutrition.

If the patient has diabetes, and he also smokes and lives irregularly, then there will be bone nonunion. " Zhang Fan did not start directly from nonunion.

Medicine is a discipline with links. Without one link, knowledge is incomplete. The understanding of disease is specious, knowing it and not knowing why.

Zhang Fan said this, the following internship students are very clear and clear.

"There are three forms of bone nonunion..." at this time, it is the beginning of the eight classics to explain bone nonunion and the treatment of bone nonunion.

After more than 40 minutes, Zhang Fan told the following students about a broken bone. As long as you

listen carefully in this class, you will definitely master the disease. The rest is to go to clinical practice and practice.

At first, most of the doctors in the third Department of orthopedics were pretending. With Zhang Fan's explanation, most of them began to listen carefully.

"No wonder people's surgery is flying. Listen to it. What this class says is that a non-medical professional can understand it. It's too strong!" One resident said to the other.

"Nonsense, not strong, can you be the Dean!"

After Zhang Fan finished his lecture, the following students looked at Zhang Fan with warm eyes. They didn't know whether it was the aura of the dean's assistant or whether Zhang Fan really convinced them. However, Zhang Fan was satisfied with the lecture.

I don't know how many times I've lost my liver. If I can't even speak a class well, it's better to find a tofu and die.

"Zhang Yuan, it's too old. I have gained a lot of knowledge. It seems that my knowledge reserve is not enough. You are too busy. Otherwise, you will give us classes every week. It is estimated that the treatment level of doctors in the Department can rise several steps." Zhou Chengfu said to Zhang Fan with a smile.

He was also helpless. If he had known that Zhang Fan could rise so fast, what else would he run? Now don't say anything else. Even Lao Gao was dissatisfied with him. He was wrong step by step!

"Self study is still the most important." Zhang Fan is telling the truth, but Zhou Chengfu's face is stiff. But Zhang Fan didn't notice, "have you been notified by the medical office to have an operation tomorrow morning?"

"Yes, I have." Zhou Chengfu quickly nodded and said.

"Well, you have the instruments you need for the operation." Zhang Fan explained.

"OK, OK. Zhang Yuan, you can rest assured that I will be well prepared." The stiff smile became wonderful again. He was afraid that his superiors would forget him and was willing to struggle lonely. He said it was very simple. There were few things he could really do.

After dealing with the third Department of orthopedics, Zhang Fan has to go to general surgery to help with the operation. There are so many patients that doctors can't turn around. Zhang Fan doesn't have a good way. The training cycle of a qualified surgeon is too long.

Zhang Fan is still very happy to go to surgery. Now he is the assistant of the president. In a more rustic word, Zhang Fan is a local tyrant: if I want to do general surgery, I will do general surgery. If I want to do

cardiothoracic surgery, I will do cardiothoracic surgery.

If there is less administrative business, Zhang Fan loves this position. As long as he is willing, he can go to the hospital for surgery. The systematic general foreign experience, from the snail like slow growth, began to become visible to the naked eye.

This is something to be congratulated on.

Chapter 460

The three major complications of fracture are infection, osteofascial syndrome and nonunion. One is more terrible than the other. The first two are short-term complications and the latter is long-term complications. If you don't follow up after operation, the situation will be serious until symptoms appear.

In the orthopaedic operating room in the morning, Zhang Fan looked at the patient's X-ray and frowned. It was not that the operation was difficult, but that he could not feel the sense of permeability of doing liver tumor.

Orthopedics is the earliest subject Zhang Fan came into contact with. He has also had a lot of liver surgery. Although the surgery is becoming more and more skilled, he always has no sense of permeability. It seems that he is missing something.

"Why? Is the operation done less, or is the operation difficult enough?" Zhang Fan has pimples on his eyebrows, and others dare not disturb him.

In fact, this thing is very simple. Where there is oppression, there is resistance. As long as it is not overwhelmed, it will definitely sublimate and break through. Liver tumor surgery is not the most difficult, but it is not simple.

And huge liver tumor surgery, the risk is huge, in this kind of trembling. Zhang Fan refuels to use knowledge and refuels to think.

Suddenly, the knowledge of liver was forcibly broken through. Instead, it is a simple orthopedic operation. The more you do it, the more skilled you become. It has become a habit, and there is no way to make a breakthrough.

"Zhang Yuan, anesthesia is ready. We're all ready. " Zhou Chengfu gently reminded Zhang Fan who was in a daze.

"Oh, all right. Let's start. " Zhang Fan suddenly woke up, put down his thoughts and concentrated on the operation. So far, there is no unified definition of nonunion in the medical community.

Zhang Fan believes that if the broken end of the fracture cannot be healed without intervention within three months, it should be called nonunion. Zhou XX because of diabetes, and Chen Qi wants to make the X film more beautiful, stripping off too many estimates of soft tissue.

Moreover, the patient also smoked and drank alcohol, and did not have an appropriate amount of strength exercise, which eventually led to bone nonunion. At this time, the fracture of the middle end of his humerus had shrunk and formed a large number of granulation.

The human body is so strange. If normal tissue cannot grow in normal places, abnormal tissue will grow. If it is found a few months later, the atrophy will be exacerbated because of the disuse of the bone.

In a short time, there will be a false joint. The normal arm has only one elbow joint. Because there is a false joint at the broken end, his arm becomes a three stick.

If the time is prolonged, it will be like infection, and the original normal bone will begin to shrink. The final outcome can only be to shorten the arm. Then he became a long arm and a short arm, leaving an unalterable disability in his body.

There are many ways to treat nonunion. There are lengthened steel plates. After the original five or six centimeter steel plate is taken out, the broken end is corrected, bone grafting is performed, and then a longer steel plate is placed to strengthen the stability of the fracture and make it recover.

The other is intramedullary nail fixation, which directly looks at the opening from both ends of the long bone and puts it into the intramedullary nail for fixation.

Another is external fixation. Just like building a building, a steel frame is erected outside the fracture to fix it.

Because the current atrophic distance of the broken end of Zhou XX's fracture is not very large, Zhang Fan is ready to use an extended steel plate for fixation. Each of the three fixation methods has its own advantages. There is no best, only the most appropriate.

Cut. On the original incision, Zhang Fan continued to cut. This kind of secondary operation can't talk about the hierarchical structure at all. Because of the operation, the adhesion around the incision is severe.

Zhang Fan observed the two assistants as he entered. They cooperate with Zhang Fan, and their techniques are quite skillful. After the incision is opened, there are black silk threads that have not been absorbed, long and short.

Although this kind of silk thread can be absorbed, if it is found, it should be removed as far as possible. After all, the thread head is also a foreign body. Silk thread absorption, there is a joke in the medical industry that is not a joke.

It is said that in the early years, the national technology was poor, and the silk thread materials used were not qualified. Thirty years after a person has completed appendix surgery, he can still produce a black thread head in a certain section of his body.

When the muscle is opened, the steel plate has been wrapped by proliferative granulation tissue. What's the situation? It's like a steel plate on a gypsum mold, and the gypsum mud overflows after being pressed. This calcified granulation tissue is all around the steel plate attached to the bone.

"Steel nails for inner six." After taking a look, Zhang Fan said to the nurse. The screw heads of orthopedic steel nails used to be plum blossom and cross.

Once the force of this type of screw is not appropriate, the screw head will have a gap, and it will not be able to bite when taken out. That is, orthopedics has an unwritten rule.

Who gets the steel plate! With the large number of Tucao doctors in Department of orthopedics, this plum blossom and cross screw also slowly withdrew from the clinic, which is the origin of the legend of the legend of the Department of orthopedics: there is no steel plate that can not make complaints about it, only the steel nails that can not be obtained.

After unscrewing the steel nail, Zhang Fan directly grabbed the steel plate with two Alice pliers and pulled it out of the calcified granulation tissue.

The instrument nurse looked. Zhang Fan took the steel plate with Alice's forceps, bit his teeth and didn't speak. If other residents or general attending doctors, the little nurse would not be happy for a long time.

The operation belongs to the doctor, but the instruments belong to the nurse. And because of the violence of orthopedic doctors, doctors in other departments are very reluctant to use the instruments used by orthopedic doctors.

The pliers clamp the bone and steel plate. After clamping it several times, the very brand-new instrument can't be used. It's impossible to sew with a suture needle.

Pull out the steel plate“ Bone knife! " Zhang Fan started to remove the calcified cartilage on the bone surface after passing the bone knife. The bone surface was like inlaid with a bony steel plate.

If the density of calcification is relatively high and it is not enough to rely on a bone knife, use a hammer. Like chiseling a stone, remove the calcification from the bone one by one.

This operation must be stable and there must be no accidents. Once the hand slides, the kinetic energy of the hammer plus the strength of the doctor's arm can definitely break the patient's bone.

"Steel! Steel! Steel! " The sound of hammer hitting the bone knife rang in the operating room. And still have a sense of rhythm. You can't knock indiscriminately. The time interval between the last time and the next time should be about the same.

Zhang Fan knocked, Zhou Chengfu spread his fingers and pressed the incision. Because of the strong percussion, the blood, bone marrow and fat particles in the wound are like jumping in the wild with Zhang Fan's percussion. Although Zhou Chengfu had covered the wound with his hand, there were still yellow fat particles eloping out with blood.

There are scattered fat particles and blood immersed in the list on the operation sheet, which is very like sesame cake, not black sesame, but Yellow Sesame.

"Scraper! You start taking bones. Don't take too much. Take the periosteum! " Zhang Fan said to Zhou Chengfu. The bone is atrophic. If we don't find a way to connect it, it can't heal again.

Bone graft must be cancellous bone with periosteum. Because there are a large number of bone progenitor cells on the periosteum, which can make bones develop and grow, and cancellous bone is like the plug of an old thermos after it is dried. There are a lot of voids inside, rich in various growth factors, which can induce bone growth.

There are few places with both periosteum and cancellous bone in human bones, and there are even fewer places that can be intercepted. For example, the iliac spine is a very good bone bank.

"OK." After Zhou Chengfu promised, he took Xu Xian to the pelvic position. If Zhang Fan's bone smashing knife is violent, taking the bone is called rage.

After cutting the skin and pulling away the fat and muscle, Zhou Chengfu began to take out the bone by biting his teeth. When the bone knife was placed on the iliac spine, Zhou Chengfu wore a mask. If he didn't wear a mask, he would look ferocious at this time.

The hardness of periosteum and bone cortex is very high. With Zhou Chengfu's percussion, the bound patient's whole body was shaking. It's "bang! Bang! Bang! " The blood is as elegant as flowers. That's not the roughest in orthopedics.

The bone was chiseled off by a bone knife. It was not big. It was slightly shorter than green arrow gum. The bone as thick as a matchbox was taken off.

After taking out the bones, Zhou Chengfu began to cut them into pieces with scissors. Zhang Fan is using a scraper to clean up the granulation tissue at the broken end. How to describe this? It's like digging a few remaining yogurt cans with a spoon.

Calcified granulation tissue shall be chiseled with a bone knife, and white non calcified granulation tissue shall be dug with a scraper. This thing must be cleaned up. If it is not cleaned up, there is still residue at the broken end. If the bone thinks that this place is fleshy, it will not send out new bones.

"Gauze." After Zhang Fan dug it clean, he began to wipe it with gauze. The removal of granulation tissue must be ensured. After wiping, the broken end of the fracture is as white as a broken Ivory chopstick.

"Zhang Yuan, look, is it enough?" Zhou Chengfu handed Zhang Fan the bone pieces that had been cut into the size of soybeans.

"Yes, the estimate is good. It should be enough." Zhang Fan praised Zhou Chengfu. In the past, old Zhou would definitely scoff, but now Zhou Chengfu is happy and his eyes are in a line.

Filling, this requires technology. Like a hollow bamboo, when it is broken, it is necessary to fill the soybeans in the middle without spilling them. This is the technology.

Students who couldn't play well with building blocks when they were young couldn't do this well. Lao Zhou estimated that there were no building blocks to play when he was young. Finally, he had no choice but to write articles.

First put the broken bone with bone cortex and periosteum for priming, then fill the cancellous bone on it bit by bit, and then fill the broken bone with bone cortex and periosteum on the top.

It's not good to be loose, because the steel plate has to be drilled with an electric drill. If it's loose, the steel plate hasn't been put on, and the filled bones will collapse long ago.

What is a needle in the hole? This is a needle in the hole. After the broken ends are filled, they must be forcibly inserted into their gaps with broken bones with bone cortex. They must be inserted with force.

Then, the missing bone is connected. Then put the steel plate. The humerus is not a very round pipe, because four or five holes have been drilled on both sides of the broken end for the first time.

The second time you put the steel plate on, you must stay away from these places, or the bone may break when you put the screws on it. Therefore, the original steel plate only five or six centimeters long has become a steel plate of twenty or thirty centimeters. It is like adding a metal protective plate to the humerus.

When the steel plate is long, of course the incision will extend. For example, the length of steel plate is 30cm, and the crossing is less, but it also needs 20cm. The place covered by the organization is forcibly opened with a retractor.

Just as a person's mouth opens to the maximum, continue to pull it with a metal hook until you see the innermost big teeth.

When installing the steel plate, the humerus is slightly curved and slightly triangular. Therefore, the steel plate must find a face that can stick to a better face.

After the steel plate was applied, Zhang Fan began to open holes. Although doctors in other departments joke about orthopedics, saying that a good carpenter can do fracture surgery is actually a joke. The carpenter can't do this job.

This kind of steel plate is pressurized steel plate. One of the nail holes on the pressure plate is a pressure hole, and a slope is designed in the hole. This hole looks like stretching an ordinary hole. The utility model has the advantages that it can play the role of compression, make the fracture ends close and promote healing. The disadvantage is that the pressure hole is the weakest part of the steel plate and is easy to break.

During the doctor's operation, the pressure is not easy to grasp. If the pressure is large, it will lead to slight bone necrosis at the broken end. If the pressure is small, it will not play the role of pressure. Because each patient's constitution is different, it is difficult to grasp this strength in practical work.

This strength can't be mastered in a few years. Drill along the pressure hole of the steel plate, and Zhang Fan observes the connected bone while drilling.

To tell the truth, if this kind of operation takes a step forward, we must ensure the appropriateness of the original step. If we take a step forward, there will be problems in the original step and we can't get off the operating table.

Zhang Fan was very cautious when drilling. Although he personally inserted it, after all, manpower can't compete with the vibration generated by the electric drill, so Zhang Fan is very careful.

After opening the hole, start screwing. This is also a technical activity. Apart from others, it is very particular about one angle. The perpendicularity of the screw and the contact surface with the steel plate bone must be vertical.

How to make sure, feeling! Yes, it's a very unreliable feeling. If you don't feel it, you'll wait for the sliding wire. There is no problem at all. The screw strength of the upper compression steel plate. Once there is a direction problem in the bite between the screw and the steel plate, the sliding wire will not run away.

Put on the steel plate and start flushing and stitching! When the suture was almost finished, Zhang Fan suddenly looked up and said to Zhou Chengfu and Wang Pingshan, "who will take over this patient?"

Zhou Chengfu hesitated. Wang Pingshan took a look at Zhang Fan and said directly, "if you don't worry, give it to me!"

"Good!" Zhang Fan doesn't talk much. Zhou Chengfu next to him suddenly wanted to feel something far away from him.