

## Chapter 711

A liver hydatid operation, if described in professional terms, is nothing more than insect eggs, adults and larvae. Even doctors who don't engage in general foreigners can't understand it unless they are laymen.

After digging out the eggs, Zhang Fan immediately said, "absolute alcohol!" The adults of liver hydatid are easy to kill, while the eggs are very difficult to kill.

Looking at the complete egg, the doctors on the operating table were shocked by the terrible of the insect.

At this time, the liver has a large hole in the liver, which contains light and sticky light red liquid, which is the mixed liquid discharged by human blood and parasites.

"Bend! Well, it's cut completely. " Like picking grapes, Zhang Fan carried a lump of white and greasy insect nest ticking blood sticky liquid. After observing it once, he said to the instrument nurse.

"Put it away. Later, it will be put in the organization bag and taken out to show it to the family members."

"Oh!" The little girl's mouth was astringent and greedy. She ate a piece of chocolate before the operation, which would return from her stomach to her mouth.

On the operating table, she couldn't vomit and swallow. She thought chocolate was so sour in history.

"God, it's so big!" The anesthesiologist also lay on the edge of the operating table and looked strangely at the insect nest removed from the bend.

"Look, look, this thing still moves!" The worm nest crawling in the curved plate has one word: greasy.

Some people are very strange. For example, the more they are afraid of something, although their legs are trembling and their sphincters begin to contract, they are just curious.

"This thing is an enlarged star cup! Xiao Li, your partner brought snacks yesterday. Do you look like it?"

You're still licking it! " The greasy anesthesiologist teased the itinerant nurses.

It's OK, but when you say it, you really look like it. After you take it out of your body, the egg temperature drops and the oil becomes Qin. When you stick it on the surface, it's a layer of bright white cream.

The iron released by the ruptured red blood cells is brown, adheres to the white insect eggs, and is contaminated with the sticky insect secretions, which is really like a thin layer of cocoa butter. The occasionally crawling insect eggs are like people refusing in their mouth.

The itinerant nurse's face is blue!

"Cough! Cough! Cough! " The deputy director couldn't listen. Although he was not the leader of the anesthesia department, he was also a deputy director at least.

As soon as he coughed, everyone restrained a lot.

"Younger martial brother, it's amazing. I read a paper saying that the removal rate of liver hydatid is quite low. You can really promote your skill."

After the operation was completed smoothly and everyone came out of their disgusting mind, they were suddenly a little excited.

"Elder martial brother, when you go to support the border, help us check and get a better paper." Zhang Fan said with a smile.

"OK, OK, our director is a big winner in this regard. He can check it. It's no problem at all."

"Ah! Your liver and gallbladder are abnormal and your blood vessels are on the lancet. Don't be modest."  
"

"Ha ha!"

After the operation, if ordinary people encounter this kind of medical treatment in different places and the local doctor gives the main knife, they will be absolutely embarrassed.

However, the president's wife of the water industry company was embarrassed.

"Zhang Yuan, Zhang Yuan, I have a good relationship with President Ouyang of your hospital. Thanks to you this time.

Don't laugh at us. Lao Yang is not in good health at ordinary times. This time, he is also worried. Don't mind. "

"I don't mind. I don't mind at all." Zhang Fan took the tissue bag and let the other party see the insect eggs. As a result, the aunt seemed to want to tear off Zhang Fan's mask and look at Zhang Fan's facial features.

"That's good, that's good. I'm sorry to trouble you these days. I'll come to play more in the future. Our house is... "

Zhang Fan's fog, what's the situation! Zhang Fan wondered, and Ouyang also received a call from the aunt.

In one sense, is Zhang Yuan married? I have a girl who is beautiful, rich, well matched and wonderful!

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After the operation, Zhang Fan also wanted to implement the liver and gallbladder center to support the side. As a result, he received a call from old secretary Wu.

"Zhang Yuan, the operating room said you had an operation. If it's convenient now, please come to the international medical department."

"OK." Zhang Fan didn't ask much.

Mr. Wu's call is a big deal, and the implementation of the support is not a small matter. Zhang Fan handed it over to the director of the tea vegetable medical office. Zhang Fan is very relieved that his character does not take advantage, even if he suffers losses, he can definitely satisfy Zhang Fan.

As soon as he entered the international medical department, Zhang Fan saw old Wu frowning and holding the checklist in his hand.

There were several strangers standing next to Mr. Wu. When he saw Zhang Fan, Mr. Wu spoke as soon as his wife was about to say hello.

"Come and have a look. It's strange." As soon as this was said, the greeting people stopped talking.

Zhang Fan took the inspection results and looked, "so disordered?"

"Yes, almost all systems have problems."

"What about the patient?" Zhang Fan asked.

"In the ward."

"Martial uncle, shall we have a physical examination?"

"Well, let's go."

It's too easy to find a difficult and complicated disease in a ministerial hospital, but there are still few diseases that make Wu frown.

Although the patient's disease is very serious, the old man has no direction for diagnosis, which is a very troublesome thing.

Human diseases often pay attention to the root cause, but when the system is completely disordered, it is necessary to find the initial cause from a myriad of clues, which is very important to study the comprehensive quality of a doctor.

However, Wu has been a doctor all his life. This time he really lost his head. It's like a mess of wool scratched by a cat. There's no clue at all. It's too messy.

Entering the ward, Zhang Fan's face was gray, but his expression was. How to describe it? It was the expression of the prodigal son.

"Coming?"

"Yes!"

"Sit down! "Old Wu?"

"Yes!"

"Hehe, I've heard so much about you for a generation."

He spoke inexplicably, and old Wu answered inexplicably.

"This is Mr. Pan of our company!" Master brother's wife quietly explained.

The general manager Pan is also a figure. His father was the first batch of meritorious deeds across the river, and he was also a young general.

Later, they thought it was boring and not exciting. As soon as he shook his teeth and bit his head, he went to the third world and became a backpacker.

Backpackers in which era can't do without some money, just like the earliest European and American nobles who went to Africa without taking anything away and brought an AIDS.

So did he. After wandering for ten years, he measured Africa with his feet. Finally, he came back and became a director of the economic and financial system.

But the body slowly had problems. At the beginning, it was sour and back pain. Touching cold water was like a needle.

The cough is so severe that it can come out of the alveoli. Originally, he was also a Biao type man. In a few years, he became a matchstick.

In recent years, I have been to many countries and hospitals, and even the diagnosis is different.

Some say it's severe tuberculosis.

Some say it's a parasite.

And chronic nephritis.

Also treated, large doses of drugs go on, the condition is good and bad.

Old Wu stood by the hospital bed to start, and Zhang Fan stood out first " Martial uncle, I'll come! "

The old man looked at Zhang Fan and nodded, "put on your gloves!"

"Good!"

When he untied the patient's clothes, Zhang Fan took a breath.

What is choppy, many people will say that it is European and American women.

In fact, when Zhang Fan untied the patient's clothes, he was originally a thin man, but the meat waves rolling one after another with his breath on his chest.

Imagine a dying thin man with clear ribs. As a result, you can see the yellow skin wrapped in a cystic mass rolling on the chest.

And this cystic mass is not one, but many, many. This strong contrast can really show waves.

"Subcutaneous abscess!" Zhang Fan was stunned, "the infection is so severe."

"Oh, yes, it was said that it was severe pulmonary tuberculosis. TM was about to become chemotherapy. As a result, it worked for three months. Later, it was like this." The patient didn't care at all about Zhang Fan's surprised expression.

Zhang Fan gently stroked the patient's body surface and touched the hot body. It was obviously hot skin, but what Zhang Fan felt was cold, so cold that he could shiver and get goose bumps.

What liver hydatid, what full of feces, Zhang Fan really wants to face these diseases rather than this patient, too diaphragmatic.

The diaphragm should know that the human body can't even feel hiccup. It just keeps shouting in my heart, "touch an egg, go away!"

Really, at this time, Zhang Fan had such a voice in his heart to shout again.

"Can you turn around?" Zhang Fan pressed and pressed the strong sense of rejection in his heart.

"No! Now I can eat with my mouth open, sit on the stool and turn over. Sometimes I can, sometimes I can't, and today I just can't. "

"OK, let me help you!"

Zhang Fan clenched his teeth and gently turned the patient over. The spine on his back was like a string of meat buns. From the neck to the caudal vertebra, one was counted as one, all of which were big bags for the elderly.

With a gentle press, this thing changes immediately, takes it away, and recovers immediately.

Zhang Fan thoroughly checked the patient's body, and even the anal (a) door and reproductive (a) organ that are not easily checked on weekdays were not let go.

All around the anus are like the hands of rough people in winter. Countless blood strips are cracked. When stimulated a little, the light yellow liquid is squeezed out for you like saliva and thick phlegm.

As for the third leg, I won't describe it. You can imagine that his arm was scratched, and then fell asleep, and he was still falling into the coal pile, blood red stained with black cinder. This is the state of his third leg.

"How did he survive!" After checking, Zhang Fan said that in his heart.

It seems that this also knows Zhang Fan's idea, "ha ha, protein is like rice..."

Zhang Fan didn't answer, but looked up at his martial uncle. The old man kept staring at Zhang Fan's physical examination.

When Zhang Fan looked at the old man, the old man also understood what Zhang Fan meant.

He said, "what are the results of the AIDS test?"

"Negative! It is not only the examination of our hospital, but also the moderation of the capital. "

Hearing that it was not AIDS, Zhang Fan also began to frown, "what disease is so domineering?"

Wu Laosi took the test for about ten minutes. The real test was a long test, "what do you think?"

Zhang Fan had an idea, "open it and see that his spine has been infected. If you want to delay his life, first thoroughly debridement and debridement everything that should be debridement. Maybe... "

Zhang Fan's idea is also right. There are too many caesarean sections in medical treatment, but even caesarean sections have an ultimate purpose.

This treatment of incision and debridement is right, but it's not good. It's just raising soup to stop boiling.

Depending on the patient's current physical condition, let alone Yang several times, maybe Yang will die on the operating table for the first time.

## **Chapter 712**

People are sometimes very resistant to exercise. They can't defeat all kinds of diseases in turn. In fact, this is based on an ecological tamed environment.

In this environment, people look very powerful. In fact, influenza, viruses and bacteria in the general population are a tamed castration version.

If a southerner comes to the north or a Yankee goes to the south, he may get seriously ill.

In front of some unknown germs, human beings are scum. The plague and cholera shook mankind for thousands of years. An initial illness of AIDS and death caused everyone to panic to death. A variant of SARS almost made the flying Rabbit fall.

Many unknown diseases are caused by boredom. We can talk about diseases without talking about others. For example, in the early years, European and American nobles were not so bored to match black and white. Maybe AIDS was still delineated in a tribe that stood third to the moon.

When the gang had lost their fortune, they did not play this so-called expedition. Then the United States saw woodlouse, who was what aristocrats were, and started a new round of death.

It's not good to write a book when you're bored. Just like Xu Xiake in China, why do you have to try all kinds of strange food?

No, I'm going to die.

"Have you ever eaten any special food?"

"For example?"

After hearing Zhang Fan's words, old Wu didn't say right or wrong, because the old man wanted to do well. If he couldn't find out the source, Zhang Fan had to do it, provided that the patient and the patient's family agreed.

"Like some game?" Mr. Wu is very patient in the face of patients without a little impatience.

"Hehe, that's too much. Do lizards count? Does scorpion count? Toad, isn't it? I ate a lot in those years. To tell you the truth, it's really delicious now. "

This is still in the mood to remember!

"Check, first thoroughly check the infectious bacteria and toxins in his body."

"Dean, his previous medical records came from the golden mean. Almost all the pathogens that can be checked are poor, and there is no major pathogen.

The spectrum of antibiotics are on, and the effect is not good! "

"Well, apply to all experts for a hospital consultation! ~" The old man thought for a while and said softly.

Whole hospital consultation may occur every day in general hospitals, especially small county-level hospitals, but it is much less common in slightly larger municipal hospitals.

In ministerial hospitals, it can be said that the number of expert consultation in the whole hospital is up to three times a year.

Not to mention anything else, for these expert doctors, the number of outpatient clinics is unimaginable. If they are often consulted, it is estimated that the head of the director of the medical department will be broken by the patient.



Moreover, they not only undertake the work of the hospital, but also many experimental projects, and many Throwing Knife experts, so the consultation of the whole hospital is very precious.

If it weren't for this disease, the old man didn't have a clue, and he wouldn't call the whole hospital for consultation.

"OK, Dean, I'll apply now. It's estimated that the fastest time will be the day after tomorrow."

"OK!"

Out of the ward, the old man had no words, so he walked silently and thought in his mind. Zhang Fan was not in the mood to speak. At this time, he searched the corners of the system. He was looking for a medical record similar to the patient.

But he didn't open the secondary system. He was stunned and didn't find it " Alas, this thing is not omnipotent! "

"What?" Old Wu asked?

"Well, antibiotics are not everything!" Zhang Fan's tongue is almost knotted.

"Aren't you talking nonsense!" The old man took a reluctant look.

"Martial uncle, if you can't, cut and debridement, and then observe whether there will be infection. Then... "

"In this case, let alone the patient's tolerance. First of all, are you sure to clean up the bacteria? "

No diagnosis, but surgical debridement. Zhang FanTai is confident.

"Yes! Nothing more than to grasp the limitation and thoroughness of the abscess during the operation. "

"You have, but others don't. hey, why isn't he..." the old man was helpless. He was old and refined. The other party didn't treat him here.

However, doctors' bounden duty is to save the dying and heal the wounded, not to dislike the poor and love the rich, but now many people, regardless of their industry, have a problem, that is, they look at clothes rather than people.

In fact, if you think about it, people will not give you a carat if they have a diamond mine. People are so poor that they don't eat a bite of your food, so be peaceful and put your head flat.

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Expert consultation in ministerial hospitals is very precious, and some are initiated by the president himself, and some big men hiding in the Department also show up.

Almost famous doctors from internal medicine, surgery, various health care departments, imaging departments and laboratory departments came. And these doctors all took one or two young doctors behind them.

That's the difference. There are only one or two young doctors in a department. Why doesn't he take others?

For the first time, Zhang Fan participated in a large consultation in a hospital of this level. Obediently, looking at the characters that can be found in textbooks, Zhang Fan's envy is false.

Fang Dong's director of the medical department presided over the meeting. In the past, the doctors in the medical department were all the top people in doctors. They not only had strong business, but also had means.

Later, I don't know why, the director of the medical office slowly became a person who should be good at mixing mud.

"The patient is a male, 55 years old, with a history of living in pastoral areas and a history of metallurgy. This time... "

Simply and comprehensively introduce the basic situation of the patient, just like a person's life and past.

The copied patient's past medical records are like books. Each expert has one copy.

"Come on, who will talk first!" More than ten minutes later, old Wu looked at the experts present and asked softly.

Experts call them experts, not that they can fool people with professional knowledge.

The director of Nephrology spoke: "at present, the first task is to improve the patient's insufficient perfusion and increase metabolism..."

Director of Cardiology

Director of Neurology

The director of the infection department

One director by one expert began to speak, but the ultimate goal was to dig out the pathogenic bacteria.

At this time, the technician of the laboratory spoke.

"Our department and the mediocre laboratory department have sequenced all the pathogenic bacteria on the patients, but the results are not ideal.

The flora in the patient's body is too chaotic, and the cross influence of the detected bacteria is very huge. Based on the opinions of experts, the final point is what kind of pathogenic bacteria cause the patient to have such serious symptoms.

So we need professional surgeons here to help us extract the cleanest and most complex tissues in patients.

For example, bone tissue, lung tissue and lymphoid tissue with the highest bone density. Only in this way, we may be able to find the killer hidden in the disordered flora. "

"Since biopsy is needed, it's better to do a two pronged approach. A thorough debridement is needed during biopsy! Even if the laboratory can't find the patient's pathogenic bacteria, it can delay the patient's current condition. "

When the technician in charge of the laboratory finished, the orthopaedic expert spoke.

"Are you sure? I mean... "

"I'm not sure, but if the biopsy can't clear the wound, it will aggravate the patient's infection. If it's later, even if the pathogenic bacteria are found, I don't think he can wait."

It's difficult to ride a tiger. After the test, people may hang up! No test, no biopsy, people hang up.

Now it is necessary to perform biopsy while debridement, but it is not guaranteed that the patient is hung on the operating table.

Old Wu gently held the pen in his hand and thought about it for more than ten minutes. His original kind eyes became sharp: "form a research team, I'll be the team leader, from... To a team member, and Zhang Fan will be an extra team member!

Now ask the medical department to obtain the authorization of family members and patients. Once authorized, we will do our best. "

"Yes!" The army, even the hospital, is also with the nature of the army. It's so handsome.

"You see, you went to the United States and Europe. Now even if you go to meatball country, it's estimated that you can't.

First of all, you may not be able to find other people's national hands when you go, but now we have gathered the most cutting-edge experts in East China and even the whole East and South China here.

Say a bad word, even if you die in your own place? "

The director of the medical department of Fangdong hospital was persuaded to operate in his own hospital for the first time, but every sentence was in the patient's heart.

"Good! I agree! "

"Ready!"

Just like preparing for the war, each department has formed a rescue team. The patient is so fragile that he is like a balloon. I don't know when he will explode.

"Report, the heart team is in place."

"Report, God in place"

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Rows and rows of experts are fully armed in the operating room. They wait quietly in isolation clothes. They used to wear isolation clothes for fear of being infected, but now they are afraid of infecting each other.

Now, even if a normal bacterium enters, it may be the tipping point.

"It's very dangerous to cut the lumbar spine. Maybe at the moment of cutting, bacteria will immediately enter the spine and then enter the brain." The orthopaedic experts re emphasized the actual situation.

Everyone who said this held their breath and was about to have an operation. We should also emphasize once that it was very dangerous.

"Director, let me take the lead!" Zhang Fan gently stood out from the crowd.

The surprised eyes around him instantly covered him, and the eyes of orthopedic experts could kill people.

"Do you know, only a few millimeters is the outer membrane of the spinal cord. Once you enter, you lose everything..."

"Let him finish!" Old Wu interrupted the words of orthopedic experts. The hospital is not a speech. The old man has now broken the routine to help Zhang Fan.

"Which is more difficult when the outer membrane damage caused by bullet shock wave converges at a point of pressure or this operation to break through the outer membrane infection?"

Zhang Fan, who is usually gentle, speaks with a sound on the ground at this time. This is not a time to speak modesty. If there is no steel sound and nothing, it is not surprising to be driven out of the operation.

"The bullet shock wave is more difficult! How..."The orthopedic expert's eyes narrowed slightly.

"I had surgery after a bullet was shot in the neck and spine. The operation was very successful. I used to let the bullet come out completely, but now I'm still confident not to let the infection break through! "

Zhang Fan didn't return for the night, not for others, but for simple treatment. He can't return for the body back system at this time!

### **Chapter 713**

It seems that seniority in many industries is very serious. Young people are not angry with this rule. In fact, the most serious rule is the medical industry, and surgery is one of the best.

The young doctor could not say anything except secretly scolding the old man for being shameless and taking money without shaking his hand.

Because we are facing people and human lives, you have 500 sets of surgery today, and the retractor is pulled to lax, which can't replace the main knife for people to have surgery for ten minutes and go to rest after completing the key steps.

This is the charm of medical treatment and the driving force of medical practitioners. Just like krypton gold's game, you will never be the strongest, but only stronger.

As a doctor at a higher level, he must get more money than a doctor at a lower level, but he should also be able to do things. For example, some doctors have a higher professional title, but their technology has not kept up, so they are really hard to mix in the Department and are polite to everyone.

Zhang Fan stood in the middle of the crowd with firm eyes, and the eyes of orthopaedic experts were cold with murder.

"You are not from our hospital!" After hearing Zhang Fan's words, he reacted, because Fangdong hospital had not heard of such a young and bold orthopedic doctor.

In a hospital, especially a ministerial hospital, doctors are not familiar with each other. It is very common. Simply, there are six spine orthopedics departments in Fangdong.

"I, tea vegetable Zhang Fan!" Today, the operation is not in a hurry, otherwise the orthopaedic experts have no time to break straight with Zhang Fan. When Zhang Fan reported his name, the orthopaedic director was full of question marks.

The old man was also very strange, "tea vegetable? Zhang Fan? Is it famous? "

Across disciplines, it is often a strange field. Orthopaedics may secretly pay attention to whether the extradivine has done spinal cord surgery again, and whether the mind has secretly done clavicle surgery again. They will never worry about what earth shaking events the dung extraction team has done.

Zhang Fan was also fooled. He was surrounded by medical device manufacturers and praised by senior brother. Then he felt that he should be a little famous.

In fact, people who know him are related disciplines and people who are already paying attention to him. Medical device manufacturers rely on doctors to eat. They must be careful.

Moreover, he thinks little of the devil and the East. There are not too many brilliant people.

Looking at the puzzled faces of the old man, he looked at the eyes everywhere. Zhang Fan suddenly understood, and then his old face was red. He almost went to find a hole and went in. I lost my Lord. It's a shame not to call this name again. "

Although the director of orthopedics was very strict, he had quality and didn't ask on the spot, but the confusion on his face made Zhang Fan very injured. He puffed up the hot blood in his chest and let it out all at once.

"Hehe, he saved the Xue family's boy. Didn't he let you go to the capital for consultation?"

Martial uncle smiled gently. I don't know why. Maybe Zhang Fan's appearance now is what a young man should have.

"Oh, I remember, he is Zhang Fan who was praised to heaven by Lao Zhao of the water jar?"  
Orthopaedic experts looked at Wu and smiled.

"Yes!"

"That's a little seniority. Few people can enter Lao Zhao's eyes.

Since I am so confident, I agree to let you do today's operation, but if it doesn't live up to the name, ha ha, I won't be considerate. "

The old man remembered that he had praised the skillfulness of the operator at that time. Now this man is in front of him.

Although the old man said seriously, he actually recognized Zhang Fan in his heart, because he didn't think he could do better than Zhang Fan in the operation he had consulted.

Embarrassment, that's an embarrassment. Zhang Fanzhen felt stripped and let everyone visit for a while.

"Why are you stunned? Brush your hands!" Martial uncle, Zhang Fan has a little black and red forehead, and his heart is also happy: rabbit, let you not choose ordinary foreigners, let you not choose liver and gall, let you run to orthopedics!

Brush your hands! The warm water ran across his arms and hands. Zhang Fan slowly adjusted his state of mind, "it's okay, it's okay, who hasn't taken Huarong Road yet?

It's okay, it's okay. Anyway, he's wearing a mask. No one can see who is who. "

Zhang Fan, who has had a setback education since childhood, has been smooth in his heart for a while. It doesn't matter whether he knows it or not.

This is also the mentality of being just without desire. Anyway, I'm for surgery. Just let me have surgery.

At the beginning of the operation, Fang Dong's orthopedic expert will be the first assistant, the director of the first spine department will be the second assistant, and the director of joint surgery will be the third assistant.

Mr. Wu led the doctors of general surgery on standby. Once they entered the abdominal cavity, the doctors of general surgery took over.

The doctors outside God are also on standby, and the expert group in mind is also on standby. Outside the operating room, medical experts are always ready to enter the rescue state.

The laboratory department vacated the machine and waited for the first examination after the biopsy.

It can be said that this is an operation linked by the whole hospital.

The operation began, "knife!" The moment he picked up the knife, Zhang Fan was calm and quiet.

I didn't think that since I didn't know you, I would let you know, and I didn't think about how to surprise everyone.

His mind was blank, his eyes only had surgery, and his heart only had patients lying on the table.

Knife, across the patient's skin. A patient who is as dry as firewood has no fat under his skin. Cutting him with a knife is like cutting on a layer of rubber.

There is no ordinary sense of lubrication, no ordinary sense of smoothness, only dryness, which is the difference between chewing braised meat and chewing beef tendon.

The body eroded by germs can't even see a trace of blood when it cuts through the skin.

"Attractor!" Zhang Fan opened his mouth and indicated that if he was a young doctor, Zhang Fan said he had to put the attractor in the position he wanted.

However, the other party didn't need it. Zhang Fan opened his mouth. Orthopaedic experts put the attractor in the most ideal position in Zhang Fan's heart at the first time.

The surging subcutaneous abscess was gently stroked by Zhang Fan like white steamed bread, slowly pressing from top to bottom, slowly bit by bit, and driving away towards the edge of the knife.

Wave by wave, really like

Pus came out. The brown pus was squeezed out from the knife edge like charcoal yogurt with Zhang Fan's gentle technique.

The attractor is like a greedy child, sucking charcoal yoghurt.

As the pus increased, the brown liquid began to show a little blood, and then there were white and greasy lumps like sputum.

"This is that the organization has not been completely corrupted!" The old orthopedic man finished and wanted to remind Zhang Fan when sampling.

Zhang Fan took a piece out with tweezers early. The sticky and soft lump was pinched out.

At this time, a super smelly smell diffused directly, and the pus was sucked away by the attractor at the first time after it flowed out of the knife edge.



After Zhang Fan took a piece of tissue, it was like destroying a complete pipeline, and the odor broke out directly.

It stinks to the extreme. What stinky tofu is not an opponent, just like entering a dirt toilet in the hottest weather.

The acid has a smell, the smell has spicy eyes, fat infection, protein infection and sugar infection. Then, under the contrast of human body temperature, it is like a fermentation vessel, oxygen resistant on the surface and anaerobic in the deep layer.

Once pulled out, the mixed smell erupts in the operating room like a smelly bomb. All the smell of disinfectant directly runs away in front of others.

I really bite my teeth to do the operation, because the operation is very large, and the instrument nurses are the head nurses in the operating room.

The middle-aged woman was shocked by the big mouth in her mask, shielding her nasal cavity, breathing like a goldfish. She had an idea in mind. "I must spray a bottle of perfume when I get an operation."

Continue to push from top to bottom, the waves slowly disappear, and the skin enlarged by the abscess hangs on the body surface like a shriveled and falling milk (a) room.

The pus like charcoal burning yogurt finally began to turn into blood. At this time, the bright red blood was really loved, so bright and so fresh.

"Wash with yellow salt water!" Iodophor mixed with normal saline washes a large number of patients' subcutaneous tissues, which is blown up like a balloon, and becomes shriveled after inhalation

"Metronidazole!" Large bottles of metronidazole rushed in.

"Knife!"

Open the muscles and fascia. The sweat on Zhang Fan's face is not tired, but smelly.

The preliminary surgical preparations have been completed, leaving the final sprint. Zhang Fan took a deep breath, like a smoker smoking.

After separation and ligation, the spine was exposed. The spine that should have been as white as jade was like a dead tree built by ants.

"Bone knife, stripper!" There was only Zhang Fan's voice in the operating room. At this time, it was like everyone was making up for Zhang Fan's shame before the operation.

Everyone listened attentively to Zhang Fan's orders.

The stripper gently hangs on the spine. The originally very hard spine is like a sesame cake. When you get close to it, you begin to lose bone debris.

Orthopaedic experts are all worried. This is not a regular spine, and there is no way to prevent it at this time.

Just like the urchin fiddling with a three meter high building block, no one can guarantee that the building block will not collapse anywhere.

At this time, Zhang Fan's real sweat came down, not smelly, but nervous.

It's too crisp. What mechanics and histology are useless at this time.

Now he can only rely on the hand feeling accumulated in his daily life, the accuracy of his liver and the techniques summarized in his daily life.

"Change the name of the main knife to mine!" When Zhang Fan was about to enter the spine, the orthopaedic expert said a word gently to the anesthesiologist.

Zhang Fan was stunned and his hand holding the bone knife shook slightly. He looked up and wanted to talk.

"Hehe, when I thought you couldn't do it, I drove you down, and then ridiculed Lao Zhao, who fell into the water jar, and laughed at his eyes.

But now I know that even I can't get this operation.

However, compared with you, I can resist a little. Don't worry. Although I'm not willing, you're still young.

Don't worry, young man! After this operation is completed, you will shout your name. It is estimated that all doctors in Fang Dong will know. "

Very concise words, with a share of ridicule, a share of mischief, but TM's warm heart and lungs.

Zhang Fan bowed his head and gently said "thank you!"

You don't have to say much to know each other, only do a good job in surgery!

**Chapter 714**

Many people think that there are no good people in the world, not because there are no good people, but because you are not to the point where others want to treat you, unless your parents.

Is an orthopaedic expert a good man? No, but because of Zhang Fan's youth, Zhang Fan's technology makes him cherish his talents and give him a heart of support.

The treatment of abscess and the choice of knife edge make the old man feel that Zhang Fan is a material that can be made.

Until he saw the spine, he still didn't see a little timidity in Zhang Fan's eyes.

Does this thing rely on courage? No, it depends on technology, just like people with money have different momentum in shopping malls.

When he saw the spine in front of him, the old man thought that even if the operation failed today, he could not destroy the seedling.

"What now?" Wu Laoba was behind Zhang Fan. Seeing such a scene, he couldn't help asking.

"It's hard to do. This man is really piled up with butter. Now it's too difficult to enter the nucleus pulposus. One careless mistake will damage the spinal cord.

Although this bone residue is crisp for the bone knife, it is a sharp weapon for the spinal cord. "

Orthopaedic experts can't help it.

For a time, no one spoke in the operating room. Now it's difficult to ride a tiger.

If you are in an ordinary hospital, how to open it and how to sew it up at this time. Doctors are not omnipotent, and patients can't die on the operating table.

"Two more bone knives!" Zhang Fan thought for a while, estimated it in his heart, and said to the instrument nurse.

"Why do you have to tilt up and cut?" When Zhang Fan spoke, orthopedic experts understood what

Zhang Fan meant.

"Well! I think I can cut off a nucleus pulposus. "

"Too dangerous!" The old orthopedic expert shook his head. According to his experience, this difficulty is too high.

"There is no way. We have to explain to the patient."

Zhang Fan looked at the old man and said.

Still shake your head!

"Zhang Fan, how sure are you?" Old Wu spoke.

"Sixty percent!" Zhang Fan bit his lip.

"Lao Hu, what do you think?" After listening to Zhang Fan, Wu asked an old orthopedic expert in his own hospital.

"Thirty percent!"

"There's no way. It's probably his last chance. As long as he wants to fight one day, do it. I'm responsible for the accident. "

Old Wu nodded.

"OK! Doctor Zhang, look at you! Come and give me a bone knife. "

With that, the old man picked up a bone knife and gently pushed it on the crisp lumbar spine. The director of spine orthopedics picked up the second bone knife and pushed it opposite.

"Doctor Zhang, hurry up, hurry up!"

The tone of the orthopaedic expert was a little lighter. At this time, he was like piling on a collapsing wall.

Although it is supported by a bone knife, the torque of the spine has been damaged, and no one can say whether it collapses or not, not to mention cutting the innermost nucleus pulposus in the spine with a bone knife.

Without hesitation, Zhang Fan took the bone knife and inserted it into the spine. This strength is from light to heavy, which can not be made by the naked eye. It's all changed by the feedback from the spine.

The sweat of Yizhu and Erzhu is pouring like rain. The power they send out is not simply where the top is.

Just like an uncooked quail egg, the shell broke, but the film inside the shell didn't break. Then someone put this thing on your tiger teeth and told you, "come on, bite it for half an hour, and then give you five million!"

The most difficult thing about power is not explosion, but constant output.

At this time, Zhang Fan not only depends on the sensitivity of his hands, but also has speed. He knows that if he is slow, he may be pierced by the bone knife.

Precision, super precision.

Eyes, hands and heart are one, even the beating of blood vessels. Zhang fan can now feel it clearly from the bone knife.

Biao Qi, give full play to his great skills and concentrate. It's like smashing walnuts on a tender tofu. Walnuts must be broken, but tofu can't be rotten.

"Poof!" The original slight voice sounded in the operator's ear like Hong Zhong and Da Lv. The two assistants holding the spine were about to shed tears.

The sour arm kept scolding: come on, come on, I can't!

Poof, Zhang Fan's bone knife entered the nucleus pulposus, "tweezers, ophthalmic tweezers!"

Zhang Fan spoke with his nose. To tell the truth, he didn't dare to speak out at this time.

Tweezers, gently dig and dig, and finally the white nucleus pulposus with a little blood was dug out by Zhang Fan.

"Fixed!" The spinal fixator came up, and Zhang Fan slowly fixed the crisp spine with titanium alloy steel columns.

"Shh!" Zhang Fan took a long breath. Even with such a foul smell, Zhang Fan felt so sweet.

"Bone removal knife!" The orthopedic expert and the director retreated gently and slowly.

"Awesome, awesome, this technology is really awesome. Good, good. Young man, it's really good. " The orthopaedic expert secretly rubbing his forearm looked at Zhang Fan and couldn't stop boasting.

The cleanest place is taken out, and the rest is very simple. Cut one on the left and one on the right. The tissue needed by the laboratory department was wrapped in the tissue bag little by little and sent over at the first time.

"Antibiotics, quadruple broad spectrum, lose now."

"OK, Doctor Zhang!"

.....

Be careful when cutting. You don't want to have an ordinary operation when stitching, because it's an infection operation. If you don't handle it well, it will rot and can't run away.

The patient's body is like a rotten pocket. It can't be sewn in some places. It can only be sewn in the second stage after the infection is controlled.

"Hehe, the young man is not old. He is so old. It seems that he has worked hard. Who is your teacher?"

"Er!" Mr. Wu didn't expect an old man to cut his beard on the way. "Don't think about it. I'm his martial uncle. His master is Lao Lu of Qingniao. "

"Ah, what department do you work in?" The old man listened to Wu's words and asked Zhang Fan as if he didn't believe it.

"I registered in orthopedics, but the hospital is at the grass-roots level. I do all kinds of surgery. Now I study with Lu and Wu."

Zhang fan can't explain. I can't say that my system loves surgery.

"Isn't this nonsense! On your talent, on your technology, you go to study general foreign studies? Oh, my God,

Now you just have to make up your mind and keep improving to do a good job in orthopedics. The engineering institute may not have a position without you. The young man can't chew too much.

I tell you, although I'm old, if I'm a few years younger, I can give you a good lesson in this operation.

Although I am old, my experience is all here. " The old man pointed his finger at his head.

"Aren't you in orthopedics? Come directly to be my doctoral student. I'll tell you, Pu can't get grades outside.

Old man Lu, I know that there were so many division brothers in their generation, but there was only one. Everything else... "

"All right, all right. Sew it up quickly. The laboratory department has estimated the results. Hurry up! " Old Wu pouted and interrupted the old man's show.

Orthopedics, general surgery, to tell you the truth, orthopedics can make more achievements. He is worried that Zhang Fan will be bewitched.

"Why are you so stingy!" Orthopaedic experts are not happy. He has been pressed by old Wu all his life. At this time, he doesn't stop seeing such young seedlings.

"Hehe, I'm not stingy. His master has come to the devil's capital. Tell him, Zhang Fan, hurry up, OK, give this to someone else. Hurry up, let's go and see the results.

Let me tell you, what is the basis of surgery? For ordinary foreigners, you look at them as if they are very powerful. In fact, they can't do anything. They can't go far. "

Wu Lao Shen was afraid that Zhang Fan would be brainwashed if he stayed a little longer, and kept urging him.

"Hey, I don't like to hear that."

Zhang Fan smiled and watched the two bickering and asked him to have an operation. He was not happy, but he had to give martial uncle face. No, so he tore his mouth like a zipper and pulled it up. I stopped talking.

The organization sent to the laboratory department was equipped with instruments and microscopes at the first time.

"Well done, no pollution at all!"

"Yes!"

## **Chapter 715**

Generally speaking, in the hospital, there are not only clinicians and nurses, but also a large group of unknown people working. Without these people, the hospital can hardly operate according to modern medical methods.

For example, technicians in the laboratory department, doctors in the pathology department and doctors in the radiology department.

At the end of the operation, the patient's condition improved significantly, because the abscess lesions

that should be cleaned were cleaned up.

However, it took only three or four hours. After three or four hours, the patient had a strong breathing sound, just like the old rural wind box.

The lungs are directly like a broken pocket, and the body temperature begins to rise.

"According to the current situation, he can no longer carry the next operation!"

Zhang Fan, who had undergone surgery, stood outside the glass wall of the ICU, looked at the patients inside and said to Xue (a) Fei.

"If it weren't for the money, I would have hung up. Zhang Yuan, I've been studying for half a year. When you go back this time, I'll go back with you and take a cheap plane! "

"You! I can't go back to study this time. " Xue (a) Fei is very strange. For patients who have no money, he can feel sad and cry. Sometimes he is stingy and pays out of his own pocket, but he has little compassion for patients who have money.

It can't be said right or wrong, as long as you feel worthy of your conscience. If you rely on the law alone, medical treatment can't really work. Technology can improve training, but your mentality and temperament are really not easy to change.

Outside the ICU ward, Zhang Fan waited for the examination results of the laboratory department.

"Younger martial brother, master is here. I just picked him up from the airport. Now go to the hotel! "

"In that hotel, I'll go there now."

"Don't come. I heard you have a special patient. You'll talk about it in the evening." At this time, Lu's voice came out of the phone.

The old man and old Wu seem to have been in touch early.

.....



"Come to the conference room, and the result comes out!" Before long, Wu called Zhang Fan.

"OK!"

In the conference room, Fang Dong's experts whispered with the report. After Zhang Fan took his seat, he immediately sent a copy of the inspection results to his hand.

"Fungal infection, *Penicillium marneffeii*!" Zhang Fan directly saw a line of bold characters at the end of the report.

"What is this?" The first thing that came out of his mind was this sentence.

"Well, there are all the people. Now let's invite Mr. Wang of the golden mean inspection department to tell us."

The director of Fangdong Medical Office introduced a middle-aged woman.

Mr. Wang of the golden mean laboratory is not famous except in the medical circle, but almost everyone in the medical circle, especially those engaged in clinical microbiology, knows this.

"Hello everyone, let's make a long story short. At present, there are nine patients diagnosed in China, almost all of which are my conclusions.

When I heard that Fang Dong had similar patients, I flew from the capital to the magic capital. As soon as I entered the laboratory and saw the bacteria, I could be sure that the patient and the patient I diagnosed before were the same fungal infection.

Originally, it was not so quick to draw a conclusion, but this time the disease examination organization was quite clean.

*Marneffeii* cyanobacteria exists in the soil humus layer and animal civet.

Generally, it will not infect humans, but when human immune status decreases, once exposed to this fungus, it will be infected.

Its biggest characteristic is to devour human tissue,... "

After Mr. Wang's introduction, all the doctors present seemed to have a sudden understanding.

Not to mention Zhang Fan, even many physicians have never heard of this fungus, mainly because it is too rare.

In fact, the real overlord on earth is microorganisms.

Microorganisms are difficult to classify. They are roughly divided into bacteria, fungi and viruses.

Bacteria, there are about 10 to the 13th power bacteria in the normal human body. These bacteria are in specific organs and parts and generally do not cause disease.

For example, vitamin K that human beings cannot take from the outside world is produced by *Escherichia coli* in the human intestinal tract, but if this bacterium runs from the large intestine to the human mouth, it is a direct infection.

Killing bacteria in the human body usually depends on antibiotics, the so-called antibiotics.

But at present, the drug resistance of bacteria has become a dark cloud over the head of medical personnel. Not only people eat, but also pigs, cattle, sheep, fish, shrimp and turtles!

In fact, it's like beating a drum to pass flowers. Once the drum stops falling and a super bacterium is cultivated, it's estimated that mankind will understand what I don't fool around anymore.

In the simplest way, with the industrialization of animal husbandry in Europe and America, tens of thousands and hundreds of thousands of animals gather together without getting sick? Rely on a lot of antibiotics!

Virus, most people treat this thing as bacteria. For example, when the flu comes, no matter it's 3721, amoxicillin takes a bite first.

This thing is antibiotic. It kills bacteria. It's useless for viruses! If you want to kill the virus with antibiotics, you must be the latest developed new antibiotics.

90% of acute upper respiratory infections are actually viruses, which means that most of your coughs and colds are actually viruses, not bacteria.

So don't take ordinary antibiotics easily. Drink two mouthfuls of *Radix Isatidis*. If you can't, just eat oseltamivir.

Compared with viruses and bacteria, this thing is much more terrible. First, this thing is parasitic in cells.

It is a parasite. It is parasitic in bacteria and human cells. When it is killed, it often kills normal bacteria. Normal cells hang up, but the virus is not killed.

Next, let's talk about the representative of this thing: rabies. Once it happens, there is no cure.

AIDS, for now, is still incurable.

SARS is well known to the Chinese.

Hepatitis A, B, C, D, e is also a virus!

All kinds of herpes!

For viruses, human defense is still greater than treatment, because most viruses have no specific drugs.

Defense is all kinds of vaccines. Therefore, we must be clean on weekdays, because if you look at these viruses carefully, the deadly virus transmission mode is very special.

Next is fungi!

The mushroom eaten by humans is a kind of this fungus. Relatively speaking, the fungal infection is not as severe as the above two.

It generally bullies people with poor resistance, such as patients with advanced cancer and AIDS.

Often in the late stage, these patients produce large, white or green villous objects like moss. In fact, this is fungal infection.

The most famous representative of fungi: Aflatoxin! It can directly cause liver and kidney lung cancer. The most prone is liver cancer. There are a large number of moldy melon seeds, peanuts and dried fruits!

A bite of this food is tantamount to hepatitis. When you swallow bad melon seeds and peanuts without gargling, your liver and face are green!

In the early years, mushroom farmers suddenly had suffocation and fever. When they entered the hospital, they were obedient and filled with bacteria in their lungs. Therefore, mushroom farmers must wear thick masks.

Fungi generally can not dry the normal human skin and the normal flora on the skin surface.

The skin is the Great Wall, and the normal bacteria attached to the skin are guards. When fungi attach, they are often killed by normal bacteria and blocked by the skin.

However, once infected by fungi, it is very difficult to treat. The simplest one is beriberi!

That is the so-called skin ringworm. In order to adapt to a lot of friction, the foot skin will be keratinized, and the keratinized skin will lack secretion and a large number of normal bacteria.

Once you are infected with beriberi, you can say that you can't do anything to others. Sometimes your toes itch. You can't wait to suck your feet in your mouth.

So, don't enter the hotel carelessly. Once you wear public slippers and cross your legs, you may be fine once and twice. Once you are infected, hold your ankles!

"Golden mean" do you have any treatment experience in this regard? After all, the patients found in the past were all checked out by Mr. Wang. " The director of Fang Dong's medical office asked.

Zhang Fan immediately raised his head and wanted to listen carefully. His internal medicine system has not been opened. Talking about this internal medicine disease, he is really a new student.

"It's hard. Only two of the past eight patients survived!" The golden mean teacher Wang said a little sadly.

"How did he get the disease?"

"It should have been infected by eating scavengers living in deep soil!"

As soon as they said this, everyone in the scene began to whisper. Demons are too close to the province where China dares to eat anything. Everyone has a deep understanding of eating game.

"Now set up a medical treatment team..."

A week later, the patient died! The diagnosis was too late. He spent too much time abroad.

.....

After the meeting, Zhang Fan hurried to the hotel. Master came.

## **Chapter 716**

"Master, elder martial brother!" After entering the door, Zhang Fan smiled like a sunflower and looked at the old man in front of him.

Doctors should have the ability to change their faces and the ability to adjust themselves. Although there are not many distressing patients in the hospital every day, there are also many. We must not bring this emotion into life.

In order not to let his wife, children and family also bear the emotions they should not bear, doctors without this ability are still single.

"Hehe, it's good. I have a good mental outlook. I can't see that I've had a major operation. How about it?" The old man means that your martial uncle passed your paper. What do you think.

Zhang Fan didn't understand. In fact, the most important thing is that he didn't take it seriously. He didn't have a system. Zhang Fan estimated that he had to drill a hole without a hole, but with a system, to tell the truth, his heart couldn't put it on this.

"Very good. I've seen the world here, martial uncle!"

"Hehe, martial uncle, after all, how many years have you worked here, and it's also a military hospital. The people's recognition is higher.

The teacher means that your paper, have you thought about it, refine it and publish it towards the top journals. "

Zhang Fan didn't understand, but the elder martial brother heard the teacher's meaning, so he spoke it through directly.

"Well, I know a few people at the lancet. But your paper needs to be changed to be published in the lancet.

Professionalism barely passes the test, and scientificity is also accurate, but your innovation lacks data. The current data is still too pale.

The words used in the paper are too imprecise, especially in English, which can even confuse concepts.

So even this time, we must spend some time in this field in the future. If you want to go far, you can't leave the clinic or the laboratory.

Let your elder martial brother take you to clean up later. Dress up and have a defense meeting with you tomorrow. "

"Oh, master, is this difficult? What do I need to do at the defense meeting? Are you going tomorrow? "

It's good to rely on the old and sell the old, and Zhang Fan often takes a coquettish posture in front of Lu.

"Oh, of course, it's not convenient for the teacher to participate in the defense group, but it's OK to wave the flag and shout.

But you did the operation, younger martial brother. This innovation is what you want. Don't worry. "

Master brother looked at old Lu and said to Zhang Fan with a smile. He thought that master doted on Zhang Fan. He didn't expect to dote on Zhang Fan to this extent " The old man is too eccentric! "

"He never listens to me. Hey, he's old. Now he has to worry about you!

We should pay more attention to tomorrow's defense, because this is a special talent quota jointly applied by me and your martial uncle, so the experts and professors participating in the defense are not experts from Qingniao and magic capital.

The leader of the defense meeting is the director of Yaxiang General Foreign Studies University. The members of the defense team include Jingnan and Yangcheng Military Medical University. As long as you don't worry, it's estimated that there's no problem. "

The old man told Zhang Fan in detail.

"Oh, a paper should be so serious?" Zhang Fan said in surprise, and then asked, "master, is this the entrance defense or graduation defense? Won't you directly get me a doctoral defense?"

"Hehe, beautiful you!" The old man gave Zhang Fan a white look, and then said angrily, "master's graduation thesis. Hey, in this life, it's estimated that you give me a headache. Let you take the exam. You can't speak English. No matter what you do, it's a pity.

At least I'm also an academician. I didn't expect to rack my brains for a master's degree. "

Zhang Fan was embarrassed to say this. Since his apprenticeship, the old man never praised Zhang Fan, but kept looking for Zhang Fan's defects and urging him all the time.

The autumn of magic capital is not hot, but it can still make people sweat compared with tea. Zhang Fan, wearing the suit bought by his elder martial brother's daughter-in-law for Zhang Fan, stood outside the meeting room and kept talking. This is the first time for a silly boy to marry his daughter-in-law. It's false to say he's not nervous.

There are about four kinds of medical defense. One is graduation defense, which aims to investigate students' basic knowledge.

The second is the appraisal and defense of scientific research achievements, the third is the exchange and defense of academic papers, and the fourth is the exchange and defense of academic reports.

Originally, the general master's graduation was the most common first-class defense, but after discussing in person, Wu and Lu decided to improve the level of Zhang Fan's defense meeting.

First, Zhang Fan's paper is indeed a little innovative. Second, it is to avoid leaving a reproach for Zhang Fan.

At their level, there are master's places exempted from the examination, but even they can't predict Zhang Fan's future, so they can be exempted from the examination when admitted.

But they must stand the test when they graduate, so this time they used their contacts for many years to invite top experts from the south to check.

These things, the two old men never said to Zhang Fan, they didn't expect Zhang Fan to be grateful, they didn't expect to rely on Zhang Fan to do anything, they just simply hope Zhang fan can go further on the road of medical treatment.

In the conference room, "old Lu, old Wu, what young hero let the second old man come out in person?" The director of general foreign affairs of Yaxiang University smiled and asked Lu and Wu.

Old Lu and old Wu are actually retired according to the age of normal people, but experts at their level will not want them to retire early unless they can't do it themselves.

Therefore, in theory, they are a generation older than the chief of surgery in Yaxiang. This time, when contacting these experts, the two old men are actually the same old people as their generation. Of course, these young people don't know very well.

"Hehe, one of my students, I'll trouble you experts to check this time." Lu said with a smile.

"You're welcome!"

"Student?" Several defense experts looked at each other and said nothing. But we all know that this student must be special, otherwise people have no medical school or people have no medical school.

Moreover, we all know the people who came this time. They are all outstanding young people. Therefore, people didn't want to go through the motions in this defense, but seriously be a witness.

"The reply will begin!" The recorder gave a slight notice, then opened the door and let Zhang Fan, the respondent, enter the conference room.

Mr. Wu and Mr. Lu did not participate in the defense meeting, but sat in the audience on one side. Not only Mr. Wu and Mr. Lu, but also Mr. Zhang Fan's master brother and even Fang Dong's old orthopaedic experts came.

The old man was unwilling. Nanfang orthopedics has been pressed by the water jar, but he can't

breathe. The old man is the descendant of Liu's bone setting and children's eight classics.

Therefore, I don't think much about orthopedics in the north, but the situation is stronger than people. I'm stunned to see the water jar flying into the sky, but it's getting worse and worse here.

So after seeing Zhang Fan this time, the old man really fell in love. Other people came to Zhang Fan's defense meeting, hoping that Zhang Fan's defense would be wonderful, while the old man thought that Zhang Fan had better not pass, and then he pulled Zhang Fan away.

Although he knew it was impossible, if Zhang Fan's paper was also average, he would definitely want Zhang Fan to abandon ordinary foreigners. Good masters are hard to find, but good disciples are hard to find sometimes.

Yaxiang's experts looked at the young people coming in and turned to communicate with several others. Almost everyone showed a meaning: "how young!"

Yes, a doctor, from undergraduate to master, is actually basic learning. At this time, it generally won't attract the attention of academician level leaders.

There may be some kind of genius in other industries, but there are few dazzling talents in medical treatment, especially modern medical treatment.

Medicine pays attention to proficiency and accumulation. No matter how talented you are, unless you don't go to the clinic and engage in research directly, without saying anything else, routine surgery from simple to complex in the hospital can make you lasting.

When you get to the doctor, you can only get some results when you are bald. Maybe you can enter the eyes of industry leaders at this time.

However, the medical training in China is also very wonderful. The foundation focuses on clinic and the doctor focuses on research. Many students go to school from beginning to end and do some practical clinical work when they are in their fifth year and junior year.

When the doctor graduated, as soon as he entered the clinic, there were many people who could not recognize all the surgical instruments! Therefore, medical education is a little poorly connected.

When Zhang Fan appeared, his dark and bright luxuriant hair set off his full body of tendon flesh, and his black and healthy skin color was particularly envied by the experts present.

After the paper sitting for 20 minutes, Yaxiang's defense team leader nodded gently, and then asked Zhang Fan to return to the defense table for a rest.

"How's it going?" Looking at the paper in his hand, Yaxiang's expert looked at several other experts.



"What else can we do? What else can happen to the papers that Wu and Lu always check?" This is an expert from Jingnan.

"The wording in the paper is a little debatable, otherwise this paper may be published in top journals."

Hanwu's professor looked at the paper and Zhang Fan sitting in the distance. In fact, he and Zhang fan are martial brothers, but his master didn't become an academician.

"Let's ask one question later?"

"Forget it, you have to ask all the questions. In fact, people recognized by old Wu and old Lu don't need our detailed investigation."

Sitting on the rest seat, Zhang Fan quietly wiped his sweat, and then whispered to old Lu, "master, what do you think of my report. Not bad! "

"Er!" The old man really couldn't understand that the rabbit was just like two people on the operating table and under the operating table.

"Very good!"

"Hee hee, I've been preparing for a long time!" Zhang Fan is proud.

"I say you have a good degree of cheek!" The old man gave Zhang Fan a white look.

"Look what you said!"

The reply was a question and answer. Zhang Fan answered a few questions easily. As long as you don't ask him English, as long as you don't ask him about the experimental process, just the idea and steps of the operation, which is too simple.

After the answer, the result of secret ballot shall not be considered, and it shall be passed by a unanimous vote.

The defense team leader looked at Zhang Fan and smiled, "Zhang Fan is right."

"Yes!"

"I've seen a lot of identical papers. Your paper is very distinctive. As your defense teacher, I hope you will continue to maintain a realistic attitude, rigorous academic spirit and tirelessly promote the further development of human medicine in your next work and scientific research."

"Thank you, teacher!"

Zhang Fan stooped and bowed.

.....

"Your road has just begun. You can't slack off in the future." Old Lu looked at Zhang Fan with a smile on his face. Although the old man was taut, the smile in the corners of his eyes could not be concealed.

"Thank you, master. Thank you, uncle."

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"Pancreas! Pancreas! Isn't your teacher liver and gall? How can he study the pancreas?" Fang Dong's old orthopedic expert asked reluctantly.

The old man thought that Zhang Fan's reply today might be liver and gall, but he didn't expect the result to be pancreas.

"Ha ha..." Zhang Fan hasn't spoken yet. Old Lu smiled and said, "old Liu, why are you moved?"

"Ah! One pancreas and one liver and gall probably occupy all his time. Alas, it's a pity!" The old man said a little lost.

"No, what he has learned is very complicated. I don't know what subject he will do in the future. Now it's just to put together a hat for him to make it more convenient for him in the future. How about when to show his hand and let him see the details of Liu's family."

Lu Lao knows Zhang Fan's level, so he really doesn't worry about whether Zhang Fan will engage in liver and gall in the future. He won't want to bind Zhang Fan just because he is engaged in liver and gall.

"Yes? Don't you worry?" Fang Dong's orthopedic expert looked at Lu in disbelief.

## **Chapter 717**

Chinese masters and doctors usually call their tutors bosses, which pays attention to a lot.

Almost all the people from master's degree to doctor's degree are old enough to start a family, but the research dog is really difficult.

State subsidies are enough for meals. If you meet a more generous tutor, you can give him two or three thousand a month. To tell the truth, you are really sad.

Don't mention the experiments of scientific research projects. They are all covered by the students. Sometimes, it's a little prickly. It's too easy for the tutor to take the students.

So, don't look at the master's and doctor's titles. Sometimes, they are really thin and short-lived.

After all, not everyone has a system, and Zhang Fan is too lucky. He not only has a system, but also meets good teachers, good masters and good predecessors.

Lu Lao is now working hard to pave the way for Zhang Fan, so that Zhang fan can run faster.

.....

The local tyrant who rejected Zhang Fan as a pancreas spent a thousand authentic works and finally made the energy people familiar with the northwest appear.

"This matter is divided into two steps, the upper level and the lower level. Just ask who can talk to which doctor below.

I mainly look for the people above. "

It's a matter of human life. Local tyrants are crazy looking for relationships. But Zhang Fan flew up too early. Those who have some identity either don't know Zhang Fan or don't want to open this mouth.

"Director Chang! Ha ha, I was introduced by your Dean! " The old devil has a foothold now.

Although Zhang fan can't spell it, he can be a director when he is in the bird market. He also thinks that the experts who are the president also have something in hand.

Tuhao's son called Lao Chang very politely. If it weren't for his old man, he would never lower his head.

However, there was no way. The patients Zhang Fan had done were placed in front of them alive, and the speed of recovery was amazing.

"Hello, hello. Just call me doctor Chang. I'm not the director. " Lao Chang's pride was completely polished after he came to the south. Now he doesn't want to be a director or a dean, so he ran for

money.

When he heard the phone call, he was so sweet, "I can finally fly a knife again! Even if you don't charge money this time, you should do it well for others. " He thought it was the patient who wanted him to fly a knife through the relationship with the dean.

"Ha ha, good, good, director Chang, ask you something!" The son of the local tyrant has learned well. He has really been taught this time. If he hadn't spoken wildly at the beginning, Daqian's paintings might still be in his house.

As soon as he said this, Lao Chang's heart was like being held by a naughty child, and his breathing was not smooth.

"Well, well, well, you said." I'm always tangled in my mind, and my mouth is beginning to knot a little.

"Who heard you came from the northwest frontier?"

"Er!" Old Chang Khan came down. He knew that when he mentioned the northwest frontier, there would be a big devil who would make him gnash his teeth.

"Are you familiar with Zhang... Fan?" The tyrant's son didn't finish talking.

I heard "bang!" coming from my ear Then I heard a loud roar.

"I don't know anyone. I'm from the East!" As soon as Lao Chang heard Zhang Fan's name, he was bleeding in his heart.

In the past, he was in the bird market, not to mention how beautiful it was, but it is absolutely natural and unrestrained in the south. Now he always acts as a good man in the Department. He thinks Zhang Fan brought all this to him.

So as long as he heard Zhang Fan's two words, he couldn't control his boundless anger. He smashed Xinxin banla fruit mobile phone on the wall.

"Psycho! All the people from this frontier are psychopaths. " The local tyrant's son hung up the phone when he heard the other party's voice like he was ill. When he thought about Daqian's flying picture, he couldn't stop bleeding in his heart and was polite in his mouth!

The son of the local tyrant in the lower class was not contacted, and the high man who received a thousand was also blocked in the northwest.

"Ha ha, Chen Yuan, Zhang Fan, are you familiar with it!" The expert wanted to be a doctor and didn't want to spend his contacts, so he casually contacted the president of the hospital in Northwest

Youcheng.

"Oh, Dr. Zhang, I'm not familiar with him, but he came to us for surgery. What? "

"That feeling is good. How about you call him and ask him to do an operation for my friend."

President Chen's face collapsed and he muttered: you think I'm the director of the frontier department!

"Ouch, brother, it's not that I don't help, it's not that I don't call. Doctor Zhang's threshold is a little high. I can't speak."

President Chen is too clear about Zhang Fan's level. For him, this kind of doctor and this kind of relationship are thin once. His relationship with Zhang Fan is not particularly good. This kind of relationship will never be easily given to others.

"Huh?" After hanging up the phone, the expert began to think, "what is sacred?"

Since you have received the gift, you can't do nothing. Since the president of Youcheng hospital can't pick it up, you're looking for a higher level.

"Lao Wang, are you busy lately. Your niece can go to school now. " He also called a vice president of the provincial hospital. The niece of the vice president was a little poor in college entrance examination. He got a national second-class athlete.

"Niang, the plague God is coming again. My niece is about to graduate. What else does he want to do?" Although I feel uncomfortable, I'm still very polite.

"Good. After all, it's the school in the capital. It's really thanks to you that the doll is there."

"Let me ask you something."

"You say, you say!" The vice president said gnashing his teeth.

"Do you know the tea vegetable Zhang Fan?"

"Zhang Fan from the people's Hospital of chasu city? Who used to be the assistant to the president and now is the executive vice president? "

"Yes, why, are you familiar with it?"

"It's OK. He often flies his knife on our side. Several times. " As soon as the vice president heard that he didn't want money, he relaxed in his heart. However, he didn't say die.

"It's such a thing,..." the expert told the whole story. At the beginning, the son of the local tyrant gave a

thorough understanding of what he said about Zhang Fan.

"Oh, oh, oh, this brother, let me tell you about this man.

Doctor Zhang, now dean Zhang, is not an ordinary person. He is a man with names on it.

You probably don't know that he is a doctor in a lower level hospital. He goes to major hospitals in bird city. Don't talk about me. Even our president is polite to others.

If the other party doesn't scold others, I'll give a face. Dr. Zhang is not a difficult person to talk about, but you've overturned the pot on your side, and I won't be in the relationship.

As soon as I open this mouth, maybe people will not only refuse, but also seal it. Do you think you can find someone from the government? "

After hanging up, the vice president began to "bah! Shameless, why have you gone! "

His niece is about to graduate, and this one has a big appetite, so he doesn't want to be hostile to Zhang Fan because of this person.

"Hey, this is still an iron walnut. People who don't point their teeth really can't do anything. A painting is lost! " The expert hung up the phone and said to himself.

It's just a phone call for ordinary people here. If you want to find a Real Da Na, the phone is a little inappropriate. For the sake of Daqian's face, the expert flew to the frontier.

.....

Zhang Fan of the magic capital has been busy recently. Shifu and his uncle haven't finished the reply meeting for themselves yet. His uncle took Zhang Fan to start surgery in Fangdong again.

The old man also wanted to have a thorough look at Zhang Fan's skills in various departments.

If the skills of other departments are average, he and Lu have also discussed it. As long as the skills of other departments are average, they will dictatorship for a while and don't let Zhang Fan distract.

.....

Zhang Fan is busy with the operation, and the director of the tea vegetable medical office is busy with the relationship.

"Hehe, director Li, I heard you were the first to go to Zhibian? Our side... "

**Chapter 718**

Conventional doctors are easy to train. In the current education system, tens of thousands of medical students are produced casually every year.

But this industry is too experienced. In a cardiology department, if the doctor does not participate in the rescue and any sudden diseases, he can go to work in half a month, nothing more than giving some blood pressure drugs when the blood pressure is high.

If you want to take the routine diseases of Cardiology seriously, it's not a special disease. For routine diseases, you have to study hard for five years in college, five years in department and ten years in junior college.

Emergency department, an emergency department that no one does. In foreign countries, especially in the United States, emergency doctors are very powerful and their income is quite good, because this department is very fucked.

Not to mention the doctor-patient relationship, with limited equipment and limited drug support, we can maintain a life-threatening patient to the hospital every minute. Really, if we don't have any skills, we can be scared to death.

Not to mention surgery. Ten years is not enough for conventional surgery to be completely taken down.

Therefore, although this doctor has no academic achievements and no position in teaching on weekdays, they are often the foundation for a department or even a hospital. After all, genius is scarce in every industry.

After Zhang Fan came to prominence a little, he attracted the attention of many magnates. It's not that they haven't seen the world, but that it's too difficult to be a genius in this industry.

Not to mention anything else, almost all the winners of the Nobel Prize in medicine were won by experts in medical biology or molecular science. The only time a clinician won the prize was by organ transplantation.

It is too difficult to make a breakthrough by clinical alone, so the medicine cultivated by modern medicine is very contradictory.

Large hospitals not only want doctors who can get clinical treatment, but also want to engage in scientific research.

Therefore, a master of clinical medicine almost has no tutor for his doctoral examination, which is such a wonderful work, but if he wants to enter a ministerial hospital, he is not a doctor and there is no hospital.

All academic masters go straight to postdoctoral and graduate into the hospital, but they can't get clinical work in a short time.

After all, doctors' job is to see a doctor. Research is important, and it is also important to see a patient.

When Zhang Fan showed great potential, everyone's eyes lit up. It's very rare for such a comprehensive doctor and surgeon.

Therefore, after dealing with Zhang Fan's master's problem, Lu didn't worry about returning to Qingniao. The old man doesn't engage in clinical practice anyway.

Originally applied for direct retirement, but the Ministry of health did not agree, but in the old man's own words, he is now an idle person.

It's all right. Old Lu and old Wu followed Zhang Fan one by one in Fangdong.

"Well! The general foreigner did a good job. You can't just think about doing the operation well, but also think about how to improve." Wu didn't say anything, while Lu stood aside and kept asking Zhang Fan.

Zhang Fan nodded with a smile. Can he be unhappy? Now he seems to be shaking around the world with two top experts. He really runs when God sees God and slides away when ghost sees God.

After a routine operation, the two old men were also talking about Zhang Fan in private.

"To tell the truth, he is more powerful than me. If it weren't for decades of experience than him, I really have nothing to teach him."

Old Lu said to old Wu.

"Well, routine surgery and even some special surgery are no more difficult for him, especially the liver and gallbladder. It's done very well." Of course, Zhang Fan did a good job in liver, gallbladder and



pancreas, because he wanted to understand this place.

Wu nodded.

"Don't talk about orthopedics. Elder martial brother, have you found out that his understanding of orthopedics is not as good as that of ordinary foreigners."

"Well, when he was a general practitioner, he often gave people an amazing feeling, while orthopedics was average, that is, the level of a senior doctor."

"God is also general!" Old Lu said again.

"Ha ha, how old he is. If people know this, they'll think we're proud."

"Ha ha!" Old Lu laughed as soon as he heard it.

"However, he has come to this point purely by talent and his own efforts.

For medical research, it can be said that he is very blank, and you have read the first draft of the paper, so we should also focus on his training in the future. "

Old Wu said to old Lu.

"Well, he must be allowed to write a paper regularly. Elder martial brother, what do you think of letting him come out? "

Old Wu leaned back on the sofa and meditated quietly for a few minutes.

"I don't think it's necessary for the time being. He still needs precipitation. It's good to come out.

But it is not all good. He is not a doctor in a single discipline, but a doctor who can almost be called general surgery.

Walking out to a large hospital, I think it is the biggest shackle to him on the mountain of various interests in a hospital.

He is now the executive director of the tea plant. In fact, a hospital at the tea plant level is a good place for him to settle down.

High status, no one dares to quarrel with him, this environment is the best environment.

Usually, we can give him a big direction regularly. What do you think? "

Old Lu thought, "elder martial brother, you're right. Hey, he's so different from others. If there's only

one discipline, I'll pull him out anyway, but now he's not just a general foreigner!"

Zhang Fan's operation was performed in Fang Dong. The director of the medical department of tea vegetable gave Ouyang a call every day to report the work at any time.

"Your estimate is not enough. When Zhang hospital doesn't have surgery, let Zhang hospital talk to the doctor who intends to come to the tea vegetable branch in person. The conditions are open to them. "

"Good!"

The old lady is also very happy recently. In the past, the equipment merchants in the hospital did not know how many agents came to bid. Recently, several bosses of the top equipment manufacturers in the world have come to China.

Can she not be happy or proud. This treatment, let alone tea, even if there are no hospitals in bird city.

.....

The pancreatic tyrant who refused Zhang Fan's operation now has no choice but to wait for an expert's call.

The expert who flew to the northwest had to find the right way to find a doctor at Zhang Fan's level, so he took a leader of the bird market directly to tea vegetable.

The leader in charge of health of tea vegetable personally received the two.

Once the festive tea vegetable leader heard this, his face immediately became quite constipated.

"What? Is it difficult? He is still not a doctor in the people's hospital. Does he still not listen to the leadership of his superiors? "

The leader of the bird market was unhappy. He thought about a person from my superior. You gave me a pass.

"Hey, I'm embarrassed to say if the old leader didn't come.

Let me talk to you about the tea vegetable hospital first. Don't talk about the past.

At present, Ouyang, the dean of tea vegetable, is our boss's health doctor. It doesn't matter, but the woman doctor is very unusual.

In two years, the tea vegetable hospital is now booming by her. They monopolized the medical research awards in the city, and established hepatobiliary center, pediatric center and emergency center.

She is so arrogant that she dares to pat the table in front of our boss.

Besides, Zhang Fan, the executive dean. The top ten outstanding young people of tea, you know the weight of this identity.

Second class merit once, Third Class Merit twice, you know, his teacher is still an academician.

Also, I heard that when he was in the bird market, he showed a big man a disease, and the effect was quite good. Then it is said that the big man said that he has now become a special expert in the bird market.

Can you tell me if such a person is someone I can command? You've made friends with others. It's really useless for me to talk. "

It's a Jianghu rumor. It's a Jianghu rumor that the one from the bird market is trembling. The academician and teacher don't say it first, but just show the big man that he has been ill and he will be great.

As soon as the expert saw it, he couldn't. If he went on, he might be scared away.

He immediately said, "leader, you are a local parent official. It's not difficult for you to give an idea. Who am I... If you have something to say to me in the future, I'll definitely come to the capital. "

"Well, there's no way."

"You said, you said, this is my phone. I must remember this feeling."

"Hey, well, you can transfer the patient directly to the tea vegetable hospital. We didn't pay attention before. Now we're in the hospital. If he doesn't do it, he doesn't pay attention. After all, he is a doctor. "

"Seconds! Really seconds! " Listening to each other's words, the expert's thighs were red, "it's black under the light!"

The local tyrant who refused Zhang Fan's operation flew to tea vegetable by plane for the first time.

"I'll go back to Qingniao first. This is your paper direction this month. Think about it yourself." In the hotel, Lu looked at Zhang Fan with a serious face.

The old man has nothing to do now. Give this bastard a smile and he can give you a lie.

"Master, is it so difficult?"

"What's hard? It's not hard at all! You can't let elder martial brother Lu help you again this time. Do it yourself! "

"Well, master, why are you so anxious to go back. Stay a few more days. "

"OK, you should use more snacks. Don't concentrate on the operation. You can't go far without a far-sighted goal."

"Oh, I'll listen to you. When I go back, I'll be stabbed by a beam. I'll..."

Zhang Fan's words made the old man angry and happy, "you!"

"Ha ha, master, there's another thing. I'm getting married at 11. You must come."

"Well, marriage, I'll come."

After Zhang Fan sent his master away, he was ready to talk to the experts at the branch. After that, he also wanted to return to tea. When Zhang Fan visited the personnel in various departments, Shanhua Hospital of magic capital sent a telegram to Fang Dong.

"Please come to our hospital for out of hospital consultation!"

Shanhua, a magic capital hospital, seems like a less atmospheric and less famous hospital.

In fact, this hospital is very cow.

With Shanhua's invitation, Wu asked Zhang Fan, "do you want to see it?"

"Hehe, martial uncle, I'm sure I'd like to go." Zhang Fan also wants to see the legendary Shanhua hospital.

"OK, let's go. I'll take you."

Old Wu took Zhang Fan to Shanhua.

## **Chapter 719**

When there was no classification of diagnosis and treatment before, large hospitals also had minor surgery, and small hospitals were also doing major surgery. It seems that in what era, everyone is stupid.

No matter how capable he is, where the country divides him, he can be willing to work in any place for a lifetime. Of course, many people with dreams go away.

However, after all, there are still a few, so medical treatment in which era seems to be very convenient.

Go out is your own small hospital. You can find familiar doctors from head to toe.

Suddenly one day, as if everyone had opened their orifices, they were all anxious to run towards big cities and big hospitals, both doctors and patients.

Finally, the third class hospitals in various places could not twist as if they had intestinal obstruction, and then there had to be a hierarchical diagnosis and treatment system.

Generally speaking, it is how big the foot is and how big the shoes are. Hospitals, the state can give orders, but you can't force patients, so the diagnosis and treatment system is a little, how to say, it's like a leather hat in summer.

Do big hospitals, such as appendix surgery? It must be done, because there are new doctors every year. How can we train doctors if we don't do it? Then it's like a hole.

He had an appendix operation in the third class hospital. Why can't I have an appendix operation in the third class hospital?

Then came the blending of various human relationships. As for letting doctors do research, it sometimes becomes a joke.

Therefore, the idea of developing large hospitals in those years turned into a super siphon, which directly fragmented the grass-roots medical system that China had not easily established since liberation.

Medical treatment, in fact, should really be a triangular pyramid. Now it has become a super modern inverted triangle.

Old Wu and Zhang Fan rushed to the Bird Street in magic capital, which is located in a very powerful hospital in China.

This hospital is obviously a tall one, but its name makes people feel fat and round.

It is estimated that the person who named it in those years did not expect that a businessman in a small place in the South learned his naming method, and then the title of big rivers and high mountains hung with the Red Cross appeared on the land of China.

"Shanhua's divine power, hands and feet are quite powerful and unique. You can have a detailed look when you go. But the hospital is a little more complicated than Fang Dong. "

Mr. Wu gave a brief introduction to Zhang Fan in the car, but this kind of thing, without the old man's detailed explanation, was all passers-by, so he went to have a look.

After entering Shanhua, the director of the medical department was surprised. There are often hospital to hospital consultations between Shanhua and Fang Dong or with other hospitals, but Mr. Wu came to the hospital for consultation for the first time.

"Ouch, ouch, why did you come in person and didn't say hello to me? I'm so sorry, old Wu!"

"Hehe, it's all right. What's the patient?"

After a little greeting, we went straight to the subject.

"Let's go and say. Well, today, 120 emergency department sent a 70 year old male patient. The initial diagnosis was symptomatic cerebral ischemia.

After preliminary treatment, there was no significant improvement, and then it was found that there was an aneurysm in the patient's brain! Director Ye of Shenwai decided to have surgery after ward round.

But the patient is old and has been in bed for half a year. Therefore, director Ye wants to ask Fang Dong's experts to assess the risk of the digestive system. "

"Oh!" Old Wu nodded. He didn't see the patient, and the old man didn't say anything.

Zhang Fan followed behind them. Although Wu didn't introduce Zhang Fan, the director of Shanhua's medical office looked at the young man who could follow behind Wu.

The defense of the human body is very strange. For example, you quarrel. As a result, you haven't quarreled with others, and your brain feels suffocated: you're stupid and love to fight. I'm so angry that I give orders. Your stomach spasms for a while!

This has become the curse of the mouth and the stomach. This is why people with bad temper often have a bad stomach.

When there is a problem with cerebral ischemia, it is not the brain that breaks through the human defense layer, but the digestive tract, which is the so-called human stress response.

Therefore, many operations, such as fractures, generally add some drugs to inhibit acid and protect gastric mucosa. This is not because doctors want to take kickbacks and use drugs indiscriminately, but to prevent patients from bleeding.

The larger the operation, the more likely it is to have gastrointestinal bleeding, which is unpredictable, so the gastrointestinal evaluation before operation is also very important.

Entering the operating room, Shanhua's Shenwai laodaye expert saw Wu Laohou and said with a smile, "today is earth shaking."

"Hehe, is the patient serious?"

"Well, an arterial tumor was found in the patient's brain. There was no way to embolism. The superficial temporal artery and the middle cerebral artery must be anastomosed.

The operation was very big. The digestive department of our hospital suggested delaying the operation, but the patient's situation could not be delayed, so... "

Ye expert said that after reading the patient's medical records, old Wu handed them to Zhang Fan and asked Zhang Fan to have a look.

Arterial reconstruction, especially in the brain, has a direct effect on some special patients. NIH in the United States attaches great importance to this operation.

After seeing the patient's medical records, old Wu and Zhang Fan looked at each other at the same time. The patient had a previous history of hematemesis, so the doctor of Shanhua was not careful.

"Don't rule out the possibility of massive bleeding!"

Old Wu said softly.

Kwai Lao, if patients do not operate as soon as possible, it is estimated that the situation will become more serious later.

"His other vital signs are stable. If surgery is necessary, it is necessary to make it possible for laparotomy to stop bleeding during surgery.

In this way, you can talk to your family and I can stand by if you like. "

After listening to Dr. ye, Mr. Wu thought about it and weighed the patient's situation.

"Well, I'll talk to them myself now."

As soon as Dr. Ye heard that old Wu was ready to stand on the stage in person, he immediately went out of the operating room.

"The operation is very big and dangerous. Now we have invited Academician Wu from Fang Dong. If you agree to the operation, sign. We are ready for the operation now."

Ordinary people, to tell the truth, holding the operation signature in the hand of the surgeon is really like reading the book of heaven.

However, Dr. Ye's sign, Mr. Wu's sign, was too bright and hung in the sky like a golden plaque.

"OK, let's sign, doctor. Please use snacks. The old man didn't enjoy much happiness in his life. Now he can finally live a healthy life. As a result..."

"Don't worry, we will do our best."

Dr. Ye didn't say much, so he took the signature and went into the operating room.

After obtaining the authorization of the family, the operation preparation began.

"Old Wu, we're going to start. Do you need an assistant?" Doctor Ye looked at young Zhang Fan and said to old Wu.

He thought that such a young doctor, such an urgent operation, might not be able to help, so he asked.

"No, he and I are enough."

"Oh!" Dr. Ye looked at Zhang Fan again and nodded, "OK, let's start."

The operation begins!

## **Chapter 720**

Every drink and peck has a definite number. Whether it is a person or a unit, it seems that irrelevant things or things that are too small to be noticed are often the basis of tracing the source.

In the early years of China, orthopedics was blooming everywhere, and hospitals of all sizes had a certain standard.

With the economic development, hand surgery separated from orthopedics has been ignored.

First of all, this operation is not easy to do. A simple hand, the muscle structure and nerve structure are



quite complex. After all, human beings can be proud of all animals and plants on the earth. Moreover, the first thing to jump back is the digestive tract. I quit. Why should I hold shit while holding rice?

Under the stimulation of various hormones, the stress state occurred and the digestive tract began to bleed. At this time, the stomach nerve still listens to the command of the brain.

But the brain, because of ischemia and hypoxia, can't take care of itself. The nerves of the digestive tract feed back to the brain: boss, is the digestive tract bleeding and constricting blood vessels?

"Shrink an egg. I will suffer from hypoxia and ischemia. Expand my blood vessels and increase the delivery!"

Then the heart began to beat faster for the first time, and the blood vessels began to congest and become larger like the cavernous body. This time, like domino, the landslide broke the sea.

There is a saying that the most powerful parts of the brain are the heart and lungs.

Simply, I've heard of drowning, but I haven't heard of suffocating myself. Therefore, this heart and lung is not controlled by people's will, but by the brain.

Once the brain fails, the first task of the heart is to protect the brain directly.

The digestive tract is different. This thing is just like people on the edge. Most of the time, they listen to the boss's brain, and sometimes they don't listen to the brain.

For example, when the intestines are wriggling, the brain says: let's dance a fast-paced disco for me. The intestines ignore the brain at this time, and still wriggle slowly on one side.

Once there is a stimulus, such as eating inappropriate things, poisonous mushrooms and so on, this thing will immediately climb where to pretend to be dead, and I won't move. Did the poisonous mushroom poison it? No, but he just lay there pretending to be dead and didn't wriggle, as if to say "Nai me!"

Therefore, when the brain is ischemic and hypoxic, gastrointestinal bleeding occurs.

Now the situation is that the cerebral hemorrhage is about to improve, but the digestive tract doesn't listen, "you'll get congested for a while, but you won't get congested for a while. I won't play with you!"

The focus of the operation gradually changed from the brain to the digestive tract.

Half an hour of vascular suture is about to end, but the digestive tract is bleeding.

Doctor Ye held his breath and dared not have a little extra sound in his ears, because he was worried that he would fall short after being affected.

"It's okay, it's okay, it must be okay. Old Wu is here. Old Wu is the master knife. It will be okay." I was talking in my heart, stitching anastomotic blood vessels under my hands.

A stitch by stitch, the blood vessel is like a pocket, and the opening is slowly closed.

After the last suture, Dr. Ye dared to take a breath, "come on, open the closed blood vessels! How's your blood pressure? "

The first half is for the assistant, and the second half is for the anesthesiologist.

"Blood pressure continues to drop, and the bleeding is estimated to be severe. Four hundred CC have entered, and there is no improvement. "

The originally clenched heart was lifted up. Before his eyes were removed from the microscope, a sentence directly jumped out of his mind: "the operation was successful, the man died!"

This is a scene that all doctors in the medical industry don't want to see. The operation was successful, but someone hung up. So the comprehensiveness of a human body is bullshit.

Watching his assistant open and close the blood vessels, Dr. Ye moved his eyes away from the microscope at this time.

Turning around, Lao Ye almost jumped out of his heart failure.

He didn't speak, but he burst out in his heart: "how can old man Wu give a little help to a young man with such a big operation and such a big bleeding!"

The thrills of the operation made Lao Ye almost jump up and swear. To tell the truth, Wu is old today. If they were doctors in their own hospital, it is estimated that Dr. ye could jump up and swear at his mother at this time.

Dr. ye, with an iron blue face, immediately left the surgical position of the brain, "you closed the skull!" The blunt words made Dr. Ye's assistant hair in his heart.

"What's the matter with the boss?"

Leaving the main knife position, Lao Ye lies down behind Zhang Fan and looks over with his probe.

He is not an expert in general surgery, and he has no way to deal with massive bleeding, but his vision is that he has not eaten pork and has not seen a pig run!

Dr. ye, lying behind Zhang Fan, couldn't speak.

In front of the scene, the clenched heart slowly began to relax.