

## Chapter 471

When money becomes a number, the owner of these numbers will unconsciously use this number to measure everything.

Because this thing works so well, I don't know if Wang is always a real person, or if he thinks small doctors in small places like cash. Or feel that Zhang Fan has not reached the point where he pays great attention to it.

Anyway, the beautiful female secretary came to Zhang Fan's hotel with a briefcase.

The operation in the morning was an old man, a little older, and a young man in the afternoon. After the operation, the patient's family will invite Zhang Fan to dinner.

Zhang Fan looked at each other's simple clothes and politely refused. Not look down on each other, but Zhang Fan also struggled from poverty. He knows the life of breaking a penny into several pieces to spend.

To treat more than a dozen doctors and nurses, it costs at least thousands of yuan. For an ordinary family, although it doesn't hurt muscles and bones, it can save a little after all.

If he were a local tyrant, Zhang Fan probably wouldn't refuse like this.

Zhang Fan didn't go, and other doctors and nurses were embarrassed to attend. The two directors of hepatobiliary Department wanted to entertain Zhang Fan by themselves, but Zhang Fan refused on the pretext of being too tired.

Zhang Fan feels embarrassed every time he is entertained. Because the last time people gave wine, Shaohua specially prepared some expensive lavender essential oil as a return gift when he came to the bird market this time.

It certainly can't be compared with other people's aged cellars in value, but with this heart, the two directors are very happy. Reciprocity means that Zhang Fan regards each other as friends and equal friends.

No one is allowed to entertain, but the meal still needs to be eaten. Zhang Fan took Ma Yichen to the streets and found a very good restaurant, Shaohua said. The name is also very strange. The original

restaurant!

Although the weather has begun to get hot, it has been tired all day. The soft mutton and oil soaked rice mixed with carrot and leather teeth are very satisfying.

Ma Yichen did not cheat. After eating a plate, he asked the boss to add a piece of rice. So is Zhang Fan. They can be regarded as big bellied men.

It's good in the frontier. You can add rice to eat noodles and grab rice. You can add it countless times if you don't want to be shameful, but the good face of northwest people is usually added once, rarely twice.

If you are tired, let the energy transformed by food regulate your body“ Nang pit meat to eat? I smell Nang pit meat. ”

"Well! Then eat some! " Ma Yichen is full, but Zhang Fanxing's exuberant appearance is not bad. The young man has a good tutor.

Nang pit meat, the meat should be fresh and tender, otherwise the roasted meat is stiff, like rubber. Fresh and tender lamb, wrapped with egg liquid and a little starch.

Then put it into the oven for baking Nang. There is no open fire in this furnace, but it is half baked and half stewed by directly heating the inner wall of the furnace and the hot gas in the furnace in advance.

A piece of Nang pit meat, if you can eat it in the shop, you are cheated and sold you the roast meat as Nang pit meat.

Because the Nang pit meat in the frontier is scheduled in advance and baked at any time. It takes more than half an hour to bake once.

The outer layer of egg and starch baked crisp, close to the egg and starch of mutton skin is the same crisp.

You can hear it in one bite, just like eating flat noodles, Ka! Click! Click! The sound of meat is wanton.

The second bite is the soft and tender mutton mixed with fat and thin after stewing. It's a beautiful bite. The fat has a slightly burnt taste and explodes directly in the taste buds.

Roast mutton should put pepper, cumin, pepper and salt, otherwise it's not delicious, but Nang pit meat doesn't put any seasoning. Although the mutton in the city is general, it tastes very beautiful.

Nang pit meat made of mutton on the grassland, especially on the semi-arid grassland, can directly make people swallow their tongue.

"Adasi, real man!" The boss uncle looked at Zhang Fan and Ma Yichen. They not only ate pilaf and mutton legs, but also four large pieces of Nang pit meat. Admiration gave a direct thumbs up.

When you're full, drink a glass of ice kavas and burp. My God, you won't change it for an immortal. What five-star hotel, what big meal, are dregs.

"Zhang Yuan has a good appetite!" Ma Yichen was silly. He symbolically ate some Nang pit meat, and the rest was eaten by Zhang Fan alone, "four or five kilograms of meat! It's delicious. " Ma Yichen admired her.

Ma Yichen wants to pay the bill, but Zhang Fan forcibly pulls him aside " I earn more than you. I pay more, and you can eat at ease. "

President Wang opened a suite for Zhang Fan and a single room for Ma Yichen. But a five-star room is always good.

Zhang Fan stretched out on the big bed and stood for a day. He is estimated to be less than 1.8 meters tall. One word is placed on the bed, slightly raised lower abdomen, just one word, comfortable!

After calling Shaohua and taking a shower, Zhang Fan wants to sleep. The two operations are too energy-consuming.

As a result, the phone hasn't been called yet. Instead, general secretary Wang called.

"Zhang Yuan, where are you? Is it convenient now. I'm in the hotel lobby. "

"I'm in the room..." Zhang Fan hung up the phone and slowly got up. When he came to the door, the doorbell also rang.

"Hello, Zhang Yuan. Wang always has an important meeting to attend today, so he can't come by himself. I can only greet you. Please don't mind. "

"Hi! Why are you so polite. Come on in, please sit down. " While greeting each other, Zhang Fan poured a glass of water for the other party, and then prepared to call Ma Yichen. Zhang Fan, who is lonely and widowed, had to avoid suspicion.

"Zhang Yuan, I'll say a few words about what President Wang told me and leave immediately. I know it's very tired to have an operation, and you can rest early."

Don't be too smart to be the Secretary of the boss of a large group. She saw Zhang Fan's intention at a glance.

It's very tactful, but the meaning is also very clear. I'm not

It's true that beautiful women come from the frontier. There are beautiful women with modern urban flavor in the city and wild beauties on the grassland.

Apart from others, Zhang Fan knows several familiar girls with their own characteristics.

Shao Huachu doesn't look amazing, but her self-improvement temperament and special personality make people addicted the more they communicate.

Jia SuYue, at first glance, can give people an amazing feeling. His exquisite facial features and slender figure are just his temper, a little like a princess.

Wang Yanan has a kind of neutral beauty. Short hair, white skin, big black eyes, when wearing a white coat and inserting her hands into the pocket of the white coat, it can really make her produce a serious beauty.

LV Shuyan is a slightly mature and melancholy beauty. I always seem to have something on my mind. Sometimes cold and sometimes hot, people can feel the feeling of turning from winter to summer.

The Secretary of President Wang is the kind of white-collar Beauty who can sing, read, sit and play. She is the kind of beauty who can speak even with her eyes. Just like if you are the one, general fan's secretary.

"Hehe, all right, all right." Zhang fanlue was a little embarrassed, and then put down the mobile phone in his hand.

"Mr. Wang's father's operation is for you. Although Mr. Wang can't get away, Mr. Wang has been talking about it and wants to show you his mind."

The female secretary spoke and opened her handbag. With the sound of zipper, a pile of red tickets appeared in front of Zhang Fan. Then, the female secretary sitting on the sofa gently pushed her handbag in front of Zhang Fan.

Zhang Fan glanced at the money, which was at least more than 100000. Do you like it? Nonsense, Zhang Fan is not a rich second generation. How can he not like it.

However, seeing the money in the handbag, Zhang Fan immediately flashed his father's face in his mind.

He is a worker of a state-owned enterprise. Although he is not a model worker, he has never secretly touched and taken advantage of the public in his life.

Because of this personality, although he didn't mix well, when facing the factory leader, his father's

waist was straight.

As for what laws and regulations and national laws, to tell the truth, Zhang Fan really didn't think about them, because his time as a leader was too short and he didn't realize the majesty of national laws.

There is no system. No matter what you say, Zhang Fan will definitely take this bag of money.

Who doesn't like money? He grew up in a different age from his father.

As for who has a better way of life, it's hard to say. He's too young to realize it.

However, he has a system now. Now he has gone through difficulties and hardships. According to his father, there is no need to bow and bow in front of others for a little money.

In a more educated language, it is better to take it directly than seek it from the music.

I don't pretend to be forced, but I have a system. There's no need to pretend to be a grandson.

"What's this? The labor fee has long been agreed with the affiliated hospital. I've taken what I deserve. There's no need to give me this money."

"Labor service fee is labor service fee. This is president Wang's intention. You must accept it with a smile."

The secretary looked at Zhang Fan and had no idea. She had encountered too many such things. There will still be excuses.

Zhang Fan, who was smiling, sat up straight with a straight face, "I really don't need it. You go back and thank President Wang for me. I will do my best to do the operation. Please don't worry. "

"Well. Really not! " The female secretary was surprised, and the exquisite face under expensive cosmetics was a little surprised.

"Aren't you satisfied with this?" She asked tentatively.

"Oh, really not. This package of money is estimated to be more than my annual salary. How can it be too small. I'm still saying that the labor fees for the four surgeries have been negotiated, and the others are not necessary. "

Zhang Fan is very sure. If you were an ordinary person, you might give up. But can such secretaries who become leaders of large groups be ordinary people?

She is also very successful among her peers. Almost all such people have a quality of perseverance. This is not a joke.

"Don't worry, this money is a lot for me, but for president Wang, even if it's nothing, it's his little intention. You must take it." The girl's original business expression began to soften.

"I can't." Zhang Fan bites to death and doesn't let go.

"You are a good man with a good heart, good skills and a good doctor. But if you don't accept it, it will hurt me. I will definitely be criticized when I go back.

Wang always says I can't handle affairs. Maybe I'll be fired in a rage. Do you know how much I've suffered for this position.

Take pity on me! " I don't know whether it's true or false, but the expression of self-improvement in weakness is incisively and vividly reflected.

"Er!" Zhang Fan is tongue tied when he doesn't play cards according to the routine. It's like you're a bad guy. It's like you'll feel guilty if you don't take money.

"Well, I'll call president Wang." Zhang Fan thought for a while, and he also understood each other's difficulties.

"Don't call me. Although President Wang doesn't say anything about you, he will certainly dismiss me. Please! "

To tell the truth, if it weren't for the system, it would be difficult for the girl. Zhang Fan took the money.

"Don't worry, I won't. I'll explain it to him."

"I can't! Please! " Stalemate, really stalemate. Zhang fan can't turn his face and let the girl go directly. It's a little unreasonable.

After a stalemate of more than ten minutes, Zhang fanhan came down. This girl is really an expert. She is so skillful.

"In this way, no matter how much the money is, I only take 20000. I'll be king. I'll always clear it alone for surgery." After that, Zhang Fan saw that the girl had to talk.

Zhang Fan then said, "this is my bottom line. Just be a VIP and let me operate on his father alone.

Other people's operations are incidental. That's the only way. Don't say any more. I know your difficulties. Please forgive me for my difficulties, can you? "

"Er!" The girl looked at Zhang Fan with a trace of justice or seriousness on her black face.

She has seen too many workplace elites, handsome, smart and resourceful, but she has seen too few people who can think about the difficulties of others without breaking her bottom line.

"Thank you! Zhang Yuan, are you a good man or a good doctor?" As she spoke, the girl seemed to think of her hard-working days. With a little red eyes, she gently took out two stacks of hundred yuan bills.

He got up and bowed to Zhang Fan. He didn't say much. He turned and left with his briefcase and the remaining cash.

Zhang Fan looked at others bowing. He was in a hurry to stop it, but it was inconvenient. He had to suffer.

"It's not easy for anyone!" Looking at the girl's back, Zhang Fan sighed gently in his heart.

"Mr. Wang, I failed to complete the task you gave me." The girl bowed her head and stood uneasily in the office, facing the boss sitting in the big class chair.

"What's the matter? Not enough?" President Wang, who is usually very dignified, can frighten people with a straight face.

"No, Zhang Yuan didn't want it. I said it anyway. He didn't want it all the time. I was almost crying. He compromised and only received 20000.

When your father was a VIP, he was invited to have an operation alone. Others are incidental. " The girl is ready to be punished.

As a result, after waiting for a long time, I heard president Wang say, "OK, I know. Go down."

"Hehe, it's interesting. I don't want to touch Cause and effect! A little arrogant!" After the secretary left, Mr. Wang looked at the dog on the table and said to himself with a smile.

It's all small things. For him, it's all small things. As long as his father's operation is done well, it doesn't matter.

## **Chapter 472**

On Sunday morning, Zhang Fan got up early and had breakfast with Ma Yichen in the hotel. Breakfast in star hotels is self-service.

It's delicious. Unfortunately, because of the operation, Zhang Fan didn't dare to eat and drink. He didn't even eat milk and steamed stuffed buns.

I just drank some millet porridge, ate some diaphragms and wanted some hot steamed bread. As a result, people didn't have it!

If there is an operation, I'm afraid to eat something unclean. If my stomach is uncomfortable at the critical moment, there will be a big problem.

Therefore, surgeons pay great attention to this. I would rather not eat it than cause accidents in the operation because of my own relationship.

Ward round, a steady preoperative ward round. President Wang's father is very open. His children have a successful career and have a full house of children and grandchildren. There's nothing to worry about.

When Zhang Fan entered the ward, the old man was still saying, "if you're old, you'll have to get a knife, or don't do it. Tiger son, why don't we stop doing it? Even if Dad leaves now, he's happy and lost. He can still get one. It's almost not. "

When Zhang Fan didn't come in, there were only their father and son in the ward. The old man felt that his disease was not a clean disease. He was afraid to pass it on to his grandchildren and wouldn't let his grandchildren come to the hospital.

No matter how big the boss is, at this time, President Wang is still his son, a filial son.

"Dad, the operation is very simple. Other experts have done many sets in the affiliated hospital. All the people who had the operation last week have been discharged from the hospital. You can have the operation at ease."

President Wang slowly massaged his father's swollen calf. Tumor is a consumptive disease, that is, the so-called cachexia. The old man is losing weight and becoming a skeleton.

"My whole life is perfect. Tiger, I know this disease. I drank it when I was young.

In the future, you should also pay attention. If you can't drink, don't drink. Look, you have white hair. I'm old enough to know how to cherish myself. "



The old man said something and slowly stretched out his hand. President Wang quickly leaned his head over. For many years, I haven't touched my son's head like this since he grew up.

"Dad, it will be fine. Don't worry, it will be fine!" The old man's words like explaining later events suddenly made president Wang's tears flow.

"Hehe, I know, I know! I know that! Stop crying, the doctor is here. " At this time, Zhang Fan entered the room. Seeing this scene, the director of the second hepatobiliary Department hurriedly asked other doctors to go out.

"Zhang Yuan!" The tearful president Wang stood up and greeted Zhang Fan.

"Hehe, old man, the operation is not big. There's nothing to worry about. I've done many sets when I'm older than you. After surgery, people still punch and walk around. " Zhang Fan nodded to President Wang and said to the old man.

"President Zhang, I heard you are from the tea vegetable hospital, fellow townsman! My old man will give it to the little fellow, I don't worry! Just let go. " The old man smiled and took Zhang Fan's hand.

"OK, don't worry." Zhang Fan looked at the old man's mental state, and after the last physical examination, he said to Director Li of the second hepatobiliary Department: "the signs are very stable. Go into the operating room."

"OK." Director Li nodded and hurried to inform the nurse who picked up the patient.

President Wang took his father's hand and accompanied the old man step by step to the door of the operating room“ Dad! I'm waiting for you at the door. " Just as he greeted his father when he came home from school, he cried with tears.

"Yes!" There is no strong voice of that year, only endless weakness and aging.

The old man tried to turn his head and looked at the child far away. Lying on the flat car, he weakly raised his skinny arm and waved to the child.

With the door of the operating room closed, President Wang squatted at the door of the operating room and couldn't stop crying. He was as helpless as a child.

At the beginning of the operation, Zhang Fan treated him equally whether he had money or not. When he entered the operating room, put on his surgical clothes and picked up the scalpel, Zhang Fan only had disease in his eyes.

This is the minimum professional quality of doctors“ The patient's protein is a little low. When the operation starts, hang the plasma. "

Zhang Fan said to the itinerant nurse while holding an alcohol cotton ball and doing the last skin disinfection.

Mr. Wang ordered his subordinates not to come down in the morning. He wanted to quietly send his father to the operating table. Now his father has entered the operating room. After releasing his emotions wantonly, he became Mr. Wang again.

Inform the secretary that some senior managers can come to the hospital. After all, it is a human society. Then let his wife bring the children to the hospital.

When the patient is old, the operation can no longer think about how to improve, but must be completed quickly.

Zhang Fan doesn't talk much. The knife is in his hand and heaven and earth already exist in his chest. The liver, like blood tofu, was cut off bit by bit under the sharp tip of the knife.

Diseases, in the most authoritative human disease classification manual released by WHO 20 years ago, there were only 15000 kinds of diseases on the list at that time.

Now, more than 50000 diseases have been recorded and named, and there are many diseases that cannot be diagnosed and named, such as vague diseases such as neurosis.

This is not more illness, but the development of medical technology. Technology is to rely on generations of doctors to explore and study, just as Zhang Fan intends to cultivate Ma Yichen.

Ma Yichen also strives for success. He actively performs surgery when he is in surgery and actively observes when he is not in surgery. He slowly speculates that this effort will ferment slowly under the medium of time and will always brew good wine.

The operating room has become a venue for Dahua, and even the government has sent condolences to the hospital.

"Why didn't the boss take his old father to the mainland?" The two high-level officials of Dahua are chatting quietly in the corner.

"It is said that we hired an expert, very powerful, or our frontier doctor."

"Really? What's your name? "

"Zhang Fan! Very young. "

Zhang Fan conquered the hepatobiliary surgery of the affiliated hospital. After this operation, his fame spread completely in the bird market.

"I'm looking for Zhang Fan for liver disease. The father of boss Dahua is operated on by others. Can you be more expensive than others?"

"Dr. Zhang Fan, a tea vegetable, is very powerful. It is said that the leaders of the province all came to see him! "

"Zhang Fan, I know. It seems that someone from the capital offended some big man, and then was sent to the frontier. However, the operation is quite powerful. What skill can startle the world and cry ghosts and gods!"

Although it is spread falsely. However, Zhang Fan became famous in the bird market and the frontier.

In the morning, President Wang's father's operation was completed, followed by another operation. Continuous surgery, if not for the system, really can't survive.

After the operation, Zhang Fan explained to the director of the fifth hepatobiliary Department: "we must take good care and let the doctor in charge of the bed worry a little. Don't worry about acid inhibiting drugs. The operation is very damaged. You must not be careless, especially protein. If you can't, you can actively diuresis after protein infusion.

Antibiotics and energy fluid must be calculated clearly. When the patient is sent to SICU (surgical care unit) after surgery, he must ensure that the patient's respiratory circulation is stable before he can leave. "

"OK, don't worry."

Every operation, Zhang Fan takes the trouble to explain. It's about human life. You can't be too careful.

President Wang's father had an operation, and the dean of the Affiliated Hospital appeared. At the door of SICU, a large crowd.

With Zhang Fan's operation, he entered the SICU to check the end of the postoperative patient. After leaving the SICU, President Wang took Zhang Fan's hand and didn't let go.

"Thank you, thank you. Thank you so much! " SICU doctors have told President Wang that his father's vital signs are stable and his heart hanging in his throat has fallen to the ground.

"You're welcome." Zhang Fan has a tired face, but he is still proud. The gratitude of the patient's family is definitely more satisfying than the money of a handbag.

This is the sense of achievement. The doctor, waving the blade on the death line, snatched the critically ill patient back to the world from the God of death. A sincere thank-you from his family is the greatest praise to him.

"Ha ha, Zhang Yuan, come to our hospital. As long as you like, I'll tell the provincial leaders that you will always be the dean of surgery." The president of the Affiliated Hospital smiled and said to Zhang Fan.

"Hehe, say it again, say it again. Leaders, I have to catch a plane, or..." Zhang Fan smiled and turned off the topic.

It's over to listen to this. You can't take it seriously. As an assistant, the tea vegetable city hospital asked Ouyang to run around.

Is it so simple for the president of one of the best hospitals in the province, even the vice president?

"How can I go today? I can't go today. I'll say hello to President Ouyang, Zhang Yuan, and come back tomorrow. I must thank you very much. "

Mr. Wang refused.

"After the old man leaves the hospital, now you have to worry. Don't worry. The future will be long." Zhang Fan smiled and refused.

Surrounded by a group of people, Zhang Fan rushed to the airport of bird city in a public car with subtitles. When they came, Zhang Fan and Ma Yichen looked frightened. When they went back, they were not afraid.

It's not that the plane got bigger, but that they fell asleep when they got on the plane. Forty minutes later, when Zhang Fan opened his eyes, the plane landed.

In the past, Zhang Fan went to the countryside for acupoints. Although the number of operations was not small, they were all small operations. He was not too tired, and his income was good.

Now come to the bird market, at least 20000. Income has increased significantly. Go to the bird market for a walk. In terms of money, you can stand the income of going to the countryside for a month.

"This 500 is overtime pay. Take it." When Zhang Fan and Ma Yichen separated, Zhang Fan took the money and handed it to Ma Yichen.

"Zhang Yuan, don't you look down on me? If you can take me with you, it's my great blessing. I have to know whether you give me money or not, I won't follow you in the future! Moreover, my father is a businessman, and the conditions at home are also good. "

The young man is also happy. Let's talk about it " OK, are you tired? Can you eat it? "

"I'm not tired. I can get on another one now!" Upon hearing this, Ma Yichen almost jumped up with joy. The meaning of Zhang Yuan's words is to accept him.

"Hehe, that's good. Go home quickly! The family is still waiting. Send me a message when you get home."  
"

"OK, Zhang Yuan, I'll go."

After Zhang Fan watched the young man take a taxi to leave, he turned his head and entered the community. "The young man is good. He has a solid foundation and a stable mind. He is a seedling." Zhang Fan thought.

Just took out the key to open the door. As a result, Shaohua heard the footsteps of Zhang Fan coming back and had already knocked the door.

"Officer Zhu and director Lu have come home." Shaohua took Zhang Fan's backpack and said something to Zhang Fan.

"Oh! Rare guest, sit down, sit down, now you are a national treasure, you must take good care of it!" After Zhang Fan entered the door, he saw that Lu Renjia and Zhu Bing, who were already a little pregnant, stood up and said hurriedly.

"Zhang Yuan, I'm getting busier and busier now. And you are becoming more and more famous. My classmates in the bird market are asking about you." Lu Renjia said to Zhang Fan with a smile.

"Ha ha, I'm proud. You sit first and I'll wash my face first."

Zhang Fan washed his face, because he was a friend of Zhang Fan and Shaohua. The two old people also went out under the guise of dancing and playing chess.

"How about the pregnancy reaction? You look good." Zhang Fan went out of the bathroom and said to them with a smile.

Zhang Fan and they are close friends. They have a good relationship and speak casually.

"I think Jiajia is a little fat." Shaohua said while pouring water for Zhang Fan.

"I'm fat. I'm worried to death." Then he said to Zhu Bing angrily, "you are talking!"

"Hehe, I'm here to invite you two. Jiajia and I will have a wedding next Wednesday. You two must come."  
"

"Of course, I'm Jiajia's bridesmaid. There's no big red envelope at that time. Let's see how I deal with you." Shao Hua has long known the news of their marriage, but Zhang Fan has been too busy recently

"Yes! Congratulations, double happiness! Ha ha!"

"Huazi, look at your courtyard." Lu Renjia is a little shy.

Although the girl feels very happy to marry her son, she is still a little embarrassed.

"Wednesday, you must make time to come. If you weren't too young, I would have wanted you to be our witness." Zhu Bing looked happy.

It's not easy for two people to come together. Zhu Bing had the cheek to fight all the way. He had to give up. As a result, the hero saved the United States and almost killed himself.

Lu Renjia also lived up to him. Under the pressure of his family, he directly made cooked rice from raw rice. At this point, she is a fierce northwest woman who dares to love and hate.

"OK, I'll ask the dean for leave in advance." The four talked for a while. Because Lu Renjia couldn't sit too long, they went home with Zhu Bing.

"They are so happy! Are getting married." Shaohua hugged Zhang Fan and looked enviously at their leaving figure.

"Soon, we are soon! Ha ha! "

"Silly!"

"Who's stupid? I'm not stupid."

"No!"

After giving away Zhu Bing and his wife, Shao Hua lay down on Zhang Fan again and got tired of it. "What gift shall we give to others?"

"A bigger red envelope?" Zhang Fan feels that Shaohua is as gentle as jade in some places. He doesn't understand this feeling when he is single.

"Which is necessary, but in addition, we should give a more commemorative gift." Shaohua patted off Zhang Fan's hand.

### **Chapter 473**

On Monday morning, the hospital was very busy, and the accumulation of two days increased the number of patients. The Department should roughly plan the work in the coming week.

Before Zhang Fan went to work in the morning, he went early to tell his boss Ouyang. Although he met Zhu Bing late, a series of things also made their relationship very good.

In the special needs ward, uncle Jinya recovered very well after the operation, which also reassured his family about the next operation.

Uncle Jinya can't get through these days.

Because it was a stomach operation, in order to recover quickly, the tube bed doctor directly banned water for uncle Jinya.

Although the doctor input all the energy and nutrition needed by the human body through the vein, because of normal physiology, his stomach began to feel like a cat scratch as soon as it reached the meal point.

Walking around the hospital in the morning, when he saw others eating steamed stuffed buns, his saliva flowed out along the gap between his golden teeth.

His disease is not serious. If the stone is small, there are almost no symptoms, but his wife's disease is in trouble.

In fact, the human body is a balanced electric solution reaction vessel. Various complex ions maintain the continuation of this reaction.

Once the balance is broken, disease follows. This is the case now, Mayila, uncle Jinya's wife.

In the early years, although there was not much money, the living standard was fairly good. Moreover, due to the race, Maila was tall, fat and rich before she got sick.

But it was because he was accidentally infected with echinococcosis by his dog, he had an operation, and then there was a recurrence.

Then, not even for half a year, the fat and white Maira became a yellow and dry woman. She had no energy to speak, no appetite to eat, and liver pain tortured her day and night.

Liver hydatid, this meat is a white bug the size of a small grain of rice. People with bad eyes can't see it. It doesn't seem to be terrible.

But under the microscope, this thing is very domineering. The body is like a white train, with rows of long barbs. The barbs are covered with cilia, which looks very evil. They are connected in rows.

The surface of the body is also covered with suction cups like human eyes, which means that this thing can not only hang the liver with hooks, but also adsorb it on the intestinal wall with suction cups.

If this thing grows to the size of an ordinary dog, it is estimated that an adult can't do it.

Its caudal end is a suddenly enlarged caudal segment, which is its gestational sac. An adult has about more than 60 testis (a) pills and about 800 uterus, which can produce more than 5000 eggs at a time.

The eggs mature in 8 weeks, and the adults can survive for a year. What's more terrible is that in the asymptomatic period, insect eggs will be discharged with the patient's stool. Once a dog licks the stool. Well, a complete chain of infection is formed.

That is, the parasite grows slowly. If it grows faster, the disease is more terrible than cancer.

The growth of cancer is a predatory growth, that is, robbing the nutrition of normal cells.

Parasites are different. They not only plunder human nutrition, but also produce mechanical damage.

To put it simply, it not only absorbs nutrients from the human body, but also bites human organs from time to time for taste.

After eating and drinking, it doesn't stop, but also excretes. This is a complete toxin. After entering the blood, it will fight with human immune cells, allergies, asthma and even mental symptoms.

Because this thing is terrible and androgynous. As long as an egg enters the human body, it doesn't need to find any partners. It can have fun with itself and give birth to countless offspring.

Once these offspring feel that the house of liver is too small, they will eat and travel. The surrounding stomach, intestines, kidneys, even brain and eyes are its chocolate room.

The first operation for this disease is very important. Once you don't do it thoroughly for the first time, let the insect eggs enter the brain, bone marrow or eyes, which is an immortal cancer. You can only take insect repellents to maintain your life.

In the special needs ward these days, although the weather is very hot, the nurses almost wrapped themselves into meat balls. Originally a good department, now there are pregnant women nurses who want to be transferred to other departments.

Although there is no intermediate host and can not be infected, there is no one who does not respond



to the thought of this thing. After work, the little girls' hands were almost washed out.

Zhang Fan came to the special needs ward for ward rounds with doctors from general foreign studies. He saw Uncle Jinya. Besides saying that he was hungry and thirsty, he recovered well.

When you enter Maira's ward, you can first smell a bad smell. Zhang Fan wrinkled his nose and began to check his body.

"How are you? How are you feeling these days?" Zhang Fan checked his body while the little nurse followed him while translating.

"I feel bad. My intestines are almost spitting out. I can't live! " Maila said weakly.

Because of urticaria all year round, the scars scratched by herself on her skin are very obvious, one by one.

"She used albendazole, but her reaction was too big and she vomited very badly." The general practitioner stood aside and explained to Zhang Fan.

"Oh, is the inspection perfect?" While Zhang Fan was checking, Maila coughed and occasionally coughed up things like bean curd residue.

Well, if she chews this bean curd residue, she will be able to taste meat, because this is insect eggs.

"After that, there are obvious egg calcifications in the lungs, in the intestines, and in the liver."

Speaking, Zhang Fan took the medical record. Looking at him, he began to frown. It was too serious and had lost the possibility of radical surgery.

To this extent, Zhang fan can't help it. There is no point in doing surgery. It will relapse after a short time, and it will also bring greater damage. The gain is not worth the loss.

"First conservative treatment, after a course of treatment, prepare pair!"

"Is it too dangerous?" The general practitioner is an attending doctor. As soon as he heard that Zhang Fan wanted to do pair, he hesitated.

"There's no way. Once the egg enters the brain, it's in trouble."

Pair, a method of percutaneous treatment of hepatic hydatid, was invented early, but now it is almost abandoned by doctors.

In fact, it's very simple. It's a long needle with the help of color Doppler ultrasound.

Insert directly into the nest of liver hydatid \* \* from outside the body, and then inject insecticides, such as 95% absolute ethanol.

This method is simple, the effect is also very obvious, that is, it is easy to relapse. The biggest disadvantage is that once the operation is not good, once the drug enters the bile duct tree, there will be liver damage, and it is very serious liver damage, even liver failure.

Therefore, generally in clinical practice, few doctors take the initiative to use it. Poor treatment is a medical accident.

Zhang Fan took the patient's CT, MRI and B-ultrasound, looked at it carefully several times and said, "you can try and talk to your family!"

"Ah!" The bed doctor couldn't turn his head, "Zhang Yuan, really!"

"Do it! As long as she does well, she can live a few more years, which is worth it! "

"But..."

"You can't just let her be eaten by insects and talk."

Helpless, this is the consequence of eating raw meat and not washing hands after holding the dog. But as a doctor, as a systematic doctor, this difficult operation is not a kind of improvement, nor is it a kind of self-discipline.

#### **Chapter 474**

In order to inject anhydrous alcohol into the liver, we must first treat the worm for two to three weeks. This treatment is painful.

The adverse reactions of insect killing drugs in human body are also very obvious. The first is vomiting, severe vomiting.

Maybe it's also because of the decomposition of insect bodies, there can be various immune reactions, such as allergies. Anyway, it's very painful, almost like punishment.

Zhang Fan had another operation in other departments all morning. In the afternoon, several animal experiments of portal system were carried out in the animal laboratory of tea element University.

Professor Li Housen's skin allogeneic transplantation began to improve with Zhang Fan's suggestion. There is no way without improvement.

Without improvement, only Zhang fan can do the skin transplantation with a slightly larger area, others can not ensure the cure rate, and several doctors of Li Housen can not completely copy Zhang Fan's operation.

Zhang Fan feels that this experiment is a bit chicken, but it is a great encouragement to Professor Li Housen. As long as someone can succeed, it means that his idea is correct, and then continue to improve, which can definitely be popularized on a large scale in the future.

Zhang Fan had never been exposed to such scientific research projects before. Because he was misled when he was a child, he always felt that scientific research inventions were just some high-end talents sitting at home thinking hard.

Suddenly one day, the scientist had a flash of light and the results came out. In fact, the experiment of combining theory with practice is too much.

Set a general direction, and then keep looking for methods. Like arranging numbers, match one by one and try one by one. It's very boring. Zhang Fan is almost impatient, but others feel that he is not far from success.

In the past, Zhang Fan thought that the hospital was a big waste. Now he knows that the waste of the hospital is really nothing compared with the waste of this kind of experiment. It is not an order of magnitude directly.

Zhang Fan in other industries doesn't know, but in this surgical experiment, once it comes to customization, the price is really good-looking. A broken mouse is said to have files and can find its ancestors decades ago.

Drugs, experimental drugs, purity requirements are much higher than human drugs. On the contrary, the cost of personnel accounts for the least“ No wonder there are scientific research dogs. " Zhang Fan doesn't understand.

After finishing his work in the afternoon, Zhang Fan hurried home for dinner. In the evening, he had to go to the hospital on duty. Today, it was his leader's turn to be on duty.

The hospital is a special place. Although there are consultations between departments at ordinary times, in case of special circumstances, there must be leaders to take the general manager and coordinate the personnel of each department.

As soon as I entered the house, I saw Shaohua's cousin standing on the stool to change the light bulb at home, "Zhang Fan is coming!" Cousin Shaohua said hello with a smile.

"Here comes Zhang Fan!" Cousin Shaohua also came out of the kitchen. She knew she was cooking in the kitchen with an apron.

"Brother and sister-in-law are coming!" Zhang Fan said hello and looked at cousin Shaohua busy changing the light bulb. His face was a little red. He's too busy to handle anything at home.

"The weather is getting hotter and hotter. You have to read and study at night. This old-fashioned bulb is too hot. I heard that this led bulb is not only bright, but also not hot.

It happened that cousin Hua Zi came today, so I asked him to change it. " Shaohua's mother hurried out to explain.

"Trouble cousin!" Zhang Fan said with a smile.

"No trouble, there's no trouble." Cousin Shaohua and sister-in-law are their own people. At the beginning, with Zhang Fan's relationship, he contracted the newspaper booth of the hospital and sold steamed buns and steamed buns. His income was also good.

If the food is clean and the materials are sufficient, the business is not bad. And since Zhang Fan became the leader of the hospital, the couple have more responsibilities.

The management fee that should be paid to the hospital is never short, nor does it play the banner of Zhang Fan, nor even tell others about their relationship with Zhang Fan.

The logistics director knew that this was Zhang Fan's relative. He originally wanted to exempt the couple's management fee. The couple didn't agree to anything. So Zhang Fan's image of them is also very good.

Shao Hua also showed his small head from the kitchen, "today, try the mayor LAN noodles I made, hey hey!" Qingliang's face still has a little flour on it.

"OK." Zhang Fan smiled and pointed to his face. He and Shaohua now have a tacit understanding. As soon as Zhang Fan pointed, Shaohua knew what Zhang Fan meant and quickly wiped it with the back of his hand.

The old couple usually have nothing to do. They just worry about Zhang Fan and Shaohua's three meals a day and cook in different ways every day. After all, they are not genuine northwest people. They make pasta in general. The old lady is also clumsy. She usually makes a note at most.

Pasta, the face of China \* \* China is in the northwest. This is not refuted. But the best wheat, in the frontier, is tea.

After a long time of sunshine, the sugar content of flour is very high, and the toughness of flour is high. The bag made of Frontier flour is directly like chewing gum and is very chewy.

Mayor Lan's noodles are actually a kind of saozhi noodles, which are melted with water, then mixed with noodles, sprinkled with corn noodles on the panel, rolled by hand and cut with a knife.

In the early years, if the northwest new daughter-in-law didn't have a good long face craft, it would be bad. It is estimated that her status in her mother-in-law's family will decline sharply unless she can have a fat boy.

Shao Hua doesn't like pasta very much. He doesn't like beef noodles even if it's sliver. Girls like rice. Southern genes are still very strong.

But for Zhang Fan, she has learned pasta for a long time. Today, she is a teacher. Her long noodles can finally be put into the pot.

Fried diced pork with diced potatoes, put some frontier tomato sauce and carrots into a pot of saozhi soup, and then put some coriander, huh! The taste was quite good. Zhang Fan wolfed down three bowls.

For a bowl with a large head, three bowls of noodles are not enough. Drink more than half a bowl of thick noodle soup. Well, the satisfaction fed back to the brain by the stomach is really unspeakable.

Shaohua watched Zhang Fan eat three bowls, and his eyes laughed into a seam.

"It's time for Nizi to go to school. Has the school been found yet?" At dinner, Shaohua's father asked Shaohua's cousin.

As long as Shaohua's father's family comes to relatives, Shaohua's mother gives the old man enough face. It has to be said that the old lady can be a man. The old man who usually gets angry is almost hanged, but now the old man is a parent.

"Ready to go back to farm primary school." Cousin Shaohua smiled and said. Sister Shaohua looked at Zhang Fan, Shaohua and wanted to talk, but she didn't say it in the end.

"You two are here. Send the children back. Can your parents take Nizi well?" The old man asked anxiously. He was too aware of his sister's problems. Although he was a teacher, he

"Hukou is not in the city, and it is difficult to enter primary school."

"Can't you spend some money? Didn't you ask your aunt. After all, she is also a public person, and her head is a little familiar. " The old lady also asked.

"No, go and ask. My aunt can't help it. " Cousin Shaohua said that she wanted to ask Zhang Fan, but she couldn't open her mouth. It's really unreasonable for people to bother them again after they helped so much.

"This is a troublesome thing." The old man has no choice.

After dinner, Zhang Fan had to go to the hospital on duty without being sent by others. Shaohua accompanied Zhang Fan out of the unit.

"Although your cousin and sister-in-law didn't speak, they can help when they are relatives. Moreover, your cousin and sister-in-law are nice. I'll ask someone. Don't say it first. I can't guarantee whether it will work or not."

Zhang Fan held Shaohua's hand, "well, ask if it's convenient. If it's difficult, I'll be sorry."

"Well, don't worry. I'll ask an acquaintance. " Zhang Fan smiled.

"I've ordered the curtains and furniture of the new house, so I'll wait for it to be delivered." Shaohua said happily.

"It's hard for you. I can't help you at all." Zhang Fan said embarrassed.

"What's hard? I'm not happy. No one disagrees with me. I decide alone. It's great to be in power."

Shaohua watched Zhang fan drive away. In fact, Shaohua was afraid of Zhang Fan's guilt. The furniture of whose new house was not seen by the couple, and even the whole family went to battle.

Just her and Zhang Fan, Shao Hua does everything alone. How can she be happy.

In the city after work, we sat around eating and chatting. Young people gather with their friends in groups.

At this time, other departments in the hospital are relatively idle. Most doctors on duty are busy writing accumulated medical records, pasting test sheets, preparing for surgery and conversation the next day.

The busiest time of the emergency center comes, and the elderly and children account for the majority. Old people with myocardial infarction and heart failure, children with fever and diarrhea.

Diversion of diversion, treatment of treatment. The four emergency outpatient offices were crowded with patients.

Internal and external Pediatrics plus a heartache channel. There are four outpatients, a total of more than a dozen doctors and more than 40 nurses. There are not enough staff. Xue Fei complains with Zhang Fan every day.

Director Xue is more and more like a director. He has a little leadership posture when talking and laughing. He lives and moves. Now he can't see the shadow of the talking ghost and complaining king.

In the past, Xue Fei was either full of complaints or various requirements. Now he takes the initiative to work overtime, and sometimes runs to the Department to help at night. The emergency center is also beginning to be convinced of Xue Fei.

"Zhang Yuan is good. Zhang Yuan has worked hard!" Xue Fei knew that Zhang Fan's leader was on duty today, so he came to the administrative building from the emergency center to find Zhang Fan.

That is, for Zhang Fan, he can also show a little bit of the original funny character, "hehe, are you working overtime today? You have to pay attention to your body! Don't break the string." Zhang Fan gets up with a smile and sits on the reception sofa with Xue Fei.

"I can't do without staring at it, but I've finally survived the start-up stage. I really took off a layer of skin a few months ago.

The following doctors are unconvinced. There are all kinds of running in in the Department. The director of the emergency center is from pediatrics. His understanding of emergency is still in the last century.

If you hadn't supported me for a few months, I don't think I could survive." Xue Fei is serious.

"Well, I can see it, but it's all good now."

"It's a little improved now, but my heart is still hanging. I'm not afraid of orthopedic surgery. I'm worried about something in other departments.

You don't know. Now I dream every day and dream of accidents every day. My nerves are weak." Xue Fei suddenly exaggerated.

Zhang Fan knew as soon as he heard it. He said something, "just tell me how you want me to help you. Even if you want someone, there is no shortage of people in any department of the hospital. After the interns of niaoshi Medical University enter the hospital, they may be relieved."

"I can't count on those who have just been admitted to the practicing medicine after graduation. What interns can I count on. I want to study."

"That's OK. Go if you want. I'll tell the Dean how long it will be, three months? Or half a year? "

"I think so. Three months, three months, go to study for three months, then stay in the hospital for one month, and then continue to study for three months. For a year, or it won't work. "

Xue Fei also has no choice. He has been out for too long, the position of the director is unstable, and the time is too short to have any effect.

"This is troublesome enough. I have almost hundreds of learning reports to me. You go in and out..."

"I don't take the Department bonus. I'm not worried about going out for too long. Just... Besides, there's another thing I need you to take the lead for me."

"What?"

"I don't want to study in the bird market. I want to go to a big city. I have no way. You have to help me."

"This is simple. It's nothing more than the capital and magic capital. I'll contact you."

"I knew, I knew, you are my lucky star. Tomorrow is my treat. We haven't sat together for a long time. "

After sitting for a while, Xue Fei's phone rang. Xue Fei hasn't been connected yet. Zhang Fan's phone also rang.

Xue Fei winked and immediately went out of the office to answer the phone. Zhang Fanyi saw that it was Ouyang's, "Dean!"

"Are you in the hospital?" Ouyang asked.

"Well, I'm on duty today." Zhang Fan replied.

"A leading child, a junior high school student, can't figure out how to cut his wrist and commit suicide. Go and have a look. I won't come. "

"OK, I'll report anything to you." Zhang Fan said.

"You see to solve it, how to treat, how to treat." Ouyang then hung up the phone. It was not an administrative order. The old lady didn't care much. She just looked at each other's face and made a call.

Zhang Fan left the office and Xue Fei hung up " Here comes a man who cut his wrist and committed suicide. I have to go and have a look. "

"Let's go together."



They walked quickly to the emergency center. Just entering the hall, Xue Fei's scalp was numb. The huge hall was full of people.

"What a serious patient! Is it a group event?" Xue Fei is not afraid of treating and rescuing now, but he is afraid of special events.

"Come on, come on, make way." Xue Fei walks in front of Zhang Fan and opens the way for Zhang Fan.

As soon as I got to the door of the surgical treatment room of the emergency center, I saw a man walking quickly towards Zhang Fan "Are you Zhang Yuan?"

"Yes, I am. Are you?" Zhang Fan wondered and asked.

"This is Zheng Zhiyuan from the Secretariat. I called President Ouyang."

"Oh! Hello, hello." Zhang Fan is impatient to deal with him. He wants to see the patient first.

"The child had an accident. Zhang Yuan bothered. Please!"

"Let me see first." With these words, Zhang Fan entered the disposal room.

## **Chapter 475**

There are many scenes of wrist cutting suicide in Bangzi country's TV dramas or tortuous TV dramas. If you say something without humanity, it is actually deceptive.

It is not common for ordinary people, especially women and children, to die because of wrist cutting. Of course, it is not uncommon.

The wrist of the human body is connected with the flexible hand. It can be imagined how developed its muscles are based on the flexibility of the hand.

Finger movement is like a string puppet. A simple action requires a lot of muscles to assist.

By level, opening the human wrist is directly like an integrated communication cable with too many muscle bundles.

In order to increase flexibility, when the arm is derived to the wrist, it is relatively narrow.

So the muscles here are close to the muscles. In order not to break the muscles due to friction, the muscles here are wrapped with thick ligaments, just like ancient leather armor.

Or describe it as a pipe. Tough ligaments form a lot of pipes. These pipes are almost fixed, and they are very firm and hard.

The muscles twitch inside, and the fingers can be flexible. If you raise an orchid finger or make a right-hand spiral law, the corresponding muscles are contracting.

If a specific action is done too much and too frequently, such as the right hand spiral law, kidney loss, and wrist pain, it is because the friction between muscles and ligaments is too frequent.

Big blood vessels and nerves are smart. They walk in these muscles and under the skin. Ordinary cuts can't hurt them at all.

The fluctuation produced by the trumpet pulse is only transmitted by the radial artery through the muscle. It seems very superficial. In fact, it is an illusion.

General cutting can not reach this depth at all, unless a sharp tool is directly inserted into the wrist, and the position of blood vessels should be found.

People who can be cruel are generally not the masters of suicide. Zhang Fan and Xue Fei entered the disposal room.

There is a boy lying on the hospital bed. He is probably a student of grade one or grade two. He is white and clean. The fluff on his lips hasn't faded yet.

The clothes you wear are good. You wear sportswear with three white bars and a pair of hook sneakers under your feet.

It's just that the body is a little weak. After seeing Zhang Fan and Xue Fei, the child shrinks without pretending to be himself. It seems that you are not brave enough.

On the white T-shirt, blood is rubbed, and blood is everywhere on the face and body. It looks very scary. I can't see much bleeding on my left wrist.

Children who want to cry but dare not cry are wronged.

"How's it going?" Zhang Fan asked the surgeon on duty.

"I hurt the carpometacarpal ligament. There is an obvious opening. The nerves and blood vessels haven't been explored yet." The doctor on duty smiled helplessly at Zhang Fan.

Usually, the doctor handled the injury himself, but the child had a good father. Not only the director came, but also Zhang Yuan came.

"With what?" Zhang Fan asked while wearing gloves. Since he came, he would check. The doctor on duty and Xue Fei saw Zhang Fan's actions and knew that Zhang Yuan was going to do it himself.

"The child doesn't speak from beginning to end. Don't say anything. Not a word. "

"Trouble!" Zhang Fan smiled innocently. The injury was not serious, and he didn't worry. Moreover, the idea of children at this age was too strange.

After wearing disposable surgical clothes, Zhang Fan nodded to the nurse. The nurse clicked on the shadowless light.

Because he was wearing a mask, Zhang Fan said to the nurse in a stuffy voice: "go, get an axe and chop this hand first! He'll be bald in the future! "

"OK, Zhang Yuan, I'll get a big axe now." The nurse could see a smile between her eyebrows, but her tone was very serious with Zhang Fan.

"No!" Finally, the child lying in bed shouted out, and he was scared to death. During the previous examination, the child clenched his teeth and didn't say a word.

But as the black faced man came in, the situation changed. The man took off his white coat, put on a blue disposable surgical suit, put on a mask, put on gloves, the light was dazzling, and took an axe. His urine was almost scared out.

"How did you cut it?" Zhang Fan's tone is very severe. He knows that today's children have never eaten or cried. They are tigers at home and mice when they leave their parents.

Good words don't cooperate, which can only be hard.

"Knife!" The little doll was scared to death because he saw that the black faced man had come out with cold shining pliers.

"What knife, iron? How? Why cut? " It's not Zhang Fan's metamorphosis, but to prevent children from suffering.

I don't know what to cut with. Zhang Fan also needs to make a detailed exploration. What is exploration

is to insert pliers or fingers into the wound to touch.

See if there is any foreign matter. If the glass is cut, it will be troublesome if there is glass debris left. Exploration without anesthesia, which degree of pain is really painful.

"Yingjisha's small knife just cut horizontally. Uncle, I'll never cut it again. Don't cut my hand! "

The children were crying and tears flowed. He was too scared. He wanted to call his mother and his father, but he didn't dare. He was afraid. He was afraid of the doctor.

"It's late! You tell me why you cut your wrist. I'll think about it. If you tell a lie... "

At this time, Zhang Fan began to suck normal saline with a 50 ml syringe in front of him.

The thick needle tube with a needle, and Zhang Fan deliberately exaggerated suction in the child's face, the baby's hair is expected to explode. He was so unlucky that he met the black faced Zhang Fan!

"Wang Li didn't like me. I begged her. She ignored me and said that I didn't play basketball as well as Chen Xiang. She also passed a note to Chen Xiang. I'll just... Uncle, I don't dare anymore!"

"Hi!" Xue Fei, the doctor on duty and the nurse standing on one side didn't know whether to laugh or be angry.

Really a little boy!

That is, the doll is still small. If the child goes to college and enters society according to his family conditions, he is expected to be chased back.

"It's still less. If your father gave you a belt in three days, you probably wouldn't think so!"

Zhang Fan was also helpless. Suddenly, he seemed to miss his father a little. When he was a child, his father didn't reason with him.

A small mistake is a slap and a big mistake is a belt. Maybe this is frustration education. Anyway, no matter how difficult it is, Zhang Fan never thought of suicide!

That is, when he went to high school, his father began to reason with Zhang Fan, because he couldn't move and was old!

You don't have to go to the operating room. This small injury is handled directly in the emergency room. Rinse the wound directly with normal saline.

The little doll thought she would give him an injection with a thick needle. If the nurse hadn't pressed him, it would be together.

Zhang Fan handled it himself. Xue Fei couldn't stand and watch, so he became an assistant.

The wound that had not shed much blood began to emit red blood again under Zhang Fan's washing. The structure of the wrist is very exquisite, with various small ligament channels running vertically.

Then a circle of carpometacarpal ligament is added at the connection between the arm and the palm, just like the wrist guard worn by athletes, which not only increases the stability, but also does not affect the flexibility of the wrist.

The harder the organ, the less the vein, and the ligament in the human body is slightly softer than that in orthopedics. Therefore, it has fewer blood vessels and is not easy to be damaged.

Conversely, it is not easy to heal after injury. And ligaments, like muscles and skin, will not regenerate and grow the original tissue after injury.

But rely on human collagen to form scars. This thing is actually human glue, which can quickly repair and adhere the damaged body.

But the toughness and tension are much smaller. It's not a big problem to work hard in routine life, but once you encounter a great strength, this thing may break you.

For example, in the selection of pilots, if there are large scars on the skin surface, they will be eliminated. It doesn't mean that pilots have many rules.

But in the acceleration of high gravity, the skin scar is the breakthrough point. If you don't do well in a dive, the scar on the skin will burst.

After flushing, although the child said it was Yingjisha's small knife, there should be necessary exploration, but this inspection is relatively simpler than the exploration under unknown conditions.

Anesthesia is not allowed for exploration, because if there is a small foreign body, the doctor can't touch it after anesthesia, and the patient can't feel it. Therefore, this situation depends on the patient's pain.

"Move this finger, do you feel it? Move this finger..." Zhang Fan began to check, and the child's nervous mood began to relax. "It wasn't an injection! This black faced uncle is also a good man." What he thinks is too simple!

Check the movement and sensation of the fingers in order to eliminate the damage of tendons and nerves. The nerves and blood vessels of the human body are similar, like a big tree.

Blood vessels become thinner and thinner after they are sent out from the heart, and so do nerves. After they are sent out from the brain, they begin to branch. Slightly thicker nerves are hidden inside the body, but there are also nerves on the surface of the skin. But it's very small.

After checking the condition of his fingers, Zhang Fan began to disinfect, "pain, uncle, pain, be light!" The child was pressed on the bed by several strong nurses.

"Bear it!" This time it was Xue Fei who shouted loudly. The child forced his wrists. He was worried that the disinfected place would be polluted again.

After disinfection, Zhang Fan gently stuffed his index finger into the child's wound.

"Ah! Oh, my God! Dad! Help, it hurts me, uncle. I'll never cut my wrist again. Please, it hurts me. "

Fingers into the wound, but also up, down, left and right to touch and shake, does it hurt? Very painful.

"Do you feel pain?" The doctor on duty grabbed the child's arm and Zhang Fan asked while touching it.

Like killing a pig, it's really like killing a pig. The child's sharp cry came out. During the sound change period, he cried out the sharp sound that he shouldn't have made.

The father of the child who was originally dealing with the outside, with a blue face, thought that he must have a good beating when the child comes out.

The child's mother also looks angry. As a result, when I heard the child's sharp cry and help.

Their hearts are all clenched into a rotten newspaper. The child's father fell on the wall with his hands and his teeth. A cry cut the tip of his heart like a knife.

The child's mother has long been soft, tears like rain, sitting on the cement floor, covering her mouth, deeply afraid of disturbing the doctors and nurses in the disposal room after crying.

The crowd were either relatives or teachers, and some of the children's father's colleagues came to help.

Several female colleagues rushed over and held the child's mother who was like a pool of mud, "it's okay, sister-in-law. It's estimated that she will come out later. She didn't even go to the operating room. There should be no big problem." A female colleague who knew some medicine comforted him.

The exploration lasted about two minutes. These two minutes were really painful to the child, as if it had been centuries.

Cutting the wrist doesn't hurt much, but this examination hurts more than many times than cutting the wrist.

It is estimated that this baby will never dare to cut himself again. It hurts too much.

His face was covered with runny nose and tears. With the end of Zhang Fan's inspection, the child's cry gradually decreased.

"Woo! Woo! Woo! " He feels numb all over“ Uncle, I dare not again! Uncle! "

This is the doctor, this is the surgeon, the heart is not black, the hand is not hot, otherwise this kind of examination really can't be done.

Are they born? No, at least five years of school career and three years of transfer. After entering the hospital, they face life and death almost every day. They are also trained alive.

This kind of training, this kind of training, to be honest, is a little anti human. It makes a person rich in emotion ignore the pain of the same kind.

After the exploration, he began to take anesthetic. The child's threshold of pain has been raised by several levels. The pain of anesthetic has made him feel less pain, but a sense of relief.

After the anesthetic injection, Zhang Fan and Xue Fei stood up without superfluous movements. They were waiting for the anesthetic to take effect.

Suture. This kind of suture is too simple. Absorbable suture sutures ligaments and No. 4 Black suture sutures skin. Although there are anesthetics, the effect of local anesthesia is general.

The child watched the doctor come in and out of his wrist with a sharp crochet. do you have any pain? It hurt, but he didn't dare to shout or cry. He was afraid that the black faced doctor would put his fingers in again.

Just after the skin was sewn up, Zhang Fan had not started dressing. The door of the disposal room was pushed open by the nurse on duty.

"Zhang Yuan, director, there is a serious fracture. He fell from upstairs. The patient is going into shock!" With that, she left without looking back. She still had to help rescue.

"You wrap it up." Zhang Fan said to the doctor on duty, put down the needle holder and tooth tweezers, pulled off the disposable surgical clothes, and went out.

"Zhang Yuan, how's the child?" The child's father rushed over.

"It's all right." Zhang Fan said as he walked quickly to the rescue room.

Fracture shock is to die. He doesn't care to greet each other.

## **Chapter 476**

After the little boy was sent out of the disposal room, he saw his parents and cried, "Mom! He's going to chop my hand. "

"Who wants to chop your hand?" His mother didn't react.

"Doctor black face." He spoke much less this time. After crying, he opened his eyes and secretly looked for the black faced doctor.

Not to mention this family, Zhang Fan and Xue Fei hurried into the door of the emergency room of the emergency center. The first thing they saw was the police.

There were also two groups of people who were obviously not the same people. One of them was a woman with a very ugly face, and the other looked indignant.

After Zhang Fan entered the rescue room, what caught his eye was a young man wearing big underpants and bare upper body. The whole body was covered with mud, and there were several cuts on the head and face like glass, just like cat claws. The wound is deep and shallow,

Swelling and deformation can be seen at the ankle of the right lower limb, which is an obvious fracture.

"How are people?" Zhang Fan asked. In front of him, pain and tension led to stress hypotension. After a painkiller injection, his blood pressure began to recover. " The doctor on duty replied.

"Well, how did you get hurt?"

"I don't know. I haven't asked yet, and there seems to be something wrong with the people outside." The doctor was anxious to deal with the patient and didn't ask, but the discerning person knew at a glance that there were two groups of people who sent the patient.

"I'll ask." Xue Fei said a word and went out.

"Hard work. How did the wounded get hurt?" The emergency center often deals with 110 of the police, and Xue Fei is the director. He is familiar with these police. After greeting, Xue Fei began to ask.

The police couldn't laugh or cry at this question. Northwest people don't have many air conditioners. Now the weather is getting hotter and hotter. Most homes have windows open at night.



The injured guy's home is on the first floor, and there is a young couple on the second floor. When they have sex, the woman's voice is a little loud.

The sound came out of the window. The injured boy was young and strong and could not stand the provocation. After hearing this sound, the guy climbed down the drainage pipe to the windowsill of someone else's bedroom.

Then, squatting on the windowsill of others, listening to the saliva, the house is too dark, and you can see a shadow faintly.

Listen, somehow, this guy suddenly started clapping! The couple were frightened by the sudden applause.

Looking back, there was a man squatting by the window, still clapping. At this word, the woman was scared and began to scream, and the man was angry.

The injured guy was also a little worried. He was just about to return the same way. As a result, the angry man lifted the mosquito proof window, took the flower arrangement bottle in the room and shone on each other's head.

Then the young man directly fell down. Generally, this kind of young man jumped on the second floor. The problem should not be big, and he won't have such a serious fracture.

As a result, he didn't die. He was anxious at dark and fell unbalanced. His right foot stepped on the edge of the steps in the downstairs garden.

Gravity acceleration, "click", followed by the scream of the wounded. The wolf's howling sound completely broke the quiet night.

The police called the police and quarreled. 110 and 120 brought two groups of people to the hospital. The patient with the fracture was lying in the emergency room. The young woman upstairs of his house was also examined by a physician in the emergency center. Because she was frightened, she was very flustered.

After Xue Fei returned to the ward and told Zhang Fan about the situation, Zhang Fan was stunned. What's the matter.

"Check, detumescence, symptomatic treatment, and discharge other injuries." Zhang Fan just kept from laughing. After all, I fell from a high place. I must discharge whether there is spinal brain injury.

"Pooh!" The doctor on duty couldn't help laughing. Xue feibai looked like him. The little nurse who had just called Zhang Fan and Xue Fei was a little angry and said to the patient lying on the emergency bed, "you are wonderful enough!"

Pain and tension lead to stress shock symptoms. Although this kind of shock is relatively lighter than other kinds of shock, it will also kill people.

After pain relief and symptomatic relief, the patient was much better at this time. When Xue Fei talked to Zhang Fan, he was a little ashamed and didn't open his eyes.

The danger period is over, and the little nurse is not used to him. Staring at him directly, he said whether it was scolding or not.

The injured young man is really a wonderful flower. When the little nurse said that he, this thing opened his eyes and said crisply: I applauded all night for love!

As soon as he said this, Zhang Fan couldn't help it. It's really wonderful. Everyone has it. The little nurse went to check the wounded with an iron face.

Zhang Fan went out of the emergency room and took a look at the internal medicine next door. The woman in pajamas was lying on the hospital bed with oxygen on her nose.

The physician is writing a prescription. When the nurse saw Zhang Fan at the door again, she hurried out and quietly said to Zhang Fan, "Zhang hospital has done an ECG, and Dr. Li has also checked the body. The problem is not big. It is estimated that she is a little too frightened and angry, which leads to her chest tightness and discomfort."

"That's good." Zhang Fan nodded and then called the security office to send more people. This kind of thing may conflict with the visits of the two families.

Looking at the woman's husband waiting outside the door, he squatted at the door, depressed. According to the police, he may have broken the law! The police let the two of them negotiate first.

Zhang Fan didn't worry about their right and wrong. He had seen too many wonderful things in the hospital, and his curiosity had already withered.

Another patient died in the Department of Cardiology. After coordinating the hospital morgue, Zhang Fan returned to the office to squint for a while.

It's early in the morning and he's a little tired. Half asleep and half awake, his phone rang again.

In the emergency center, sure enough, with the arrival of the two relatives, they quarreled. There may be accumulated resentment upstairs and downstairs on weekdays. This time, it broke out.

Xinkui has police and security office, otherwise they can fight.

Zhang Fan got up and rushed to the emergency center. The nurse on duty immediately reported the situation.

Because the injured man was in an emergency, he also had shock symptoms at that time, so all rescue and inspection went through the green channel.

Now the wounded are going to have an operation, but there is a dispute between the two because of the medical expenses. There are people on both sides doing treatment, and the police's suggestion is to pay their own treatment expenses.

It can be solved after treatment. I don't know why, the male patient's family is unwilling to pay, saying that their family was beaten and was the victim.

The two families quarreled in the emergency hall.

#### **Chapter 477**

As people gradually move into buildings, it may be because of the high and low, and after having up and down, what kind of distant relatives in the early years did not have to be close neighbors.

Those with elevators despise those without elevators, those who dance at home in high heels, and the pickle jar occupies the public area.

When summer comes, the sour taste of the corridor is like walking into a bathroom full of indigestion patients.

Anyway, the two families broke out completely because of this applause event, and the accumulated resentment in the past was triggered by this contradiction point.

The main force of the quarrel is the housewives of all parties, and the men are rubbing their hands. When things are not big, no one is afraid of the police. They also know that even if there is a fight today, the police will be detained at most.

Moreover, because the security guard and the police were present, the quarrel could not be fought, so it was mainly a quarrel.

"Why are your fox's red underpants hanging on the window? When the ticking \* \* wind blows, you can get Sao gas in a community!"

"Your two fools..."

In short, the principle is not to pay. Whoever pays seems to be the wrong party. There are several patients with myocardial infarction in the emergency department.

Their quarrel made the patient more upset in the emergency room.

"Officer Gou, if you keep arguing like this, there may be an accident. Look at the patient in the emergency room!" Zhang Fan doesn't look well.

"Zhang Yuan, sorry, I have asked for support."

Zhang Fan was helpless. "Come, the security office, push out all the quarrels." They don't care about other patients. Zhang Fan has to worry. Now he is the person in charge here.

"Why do you push me? I'll tell you, hey! You really push. You wait, little rabbit, tomorrow I'll go to the government to sue you! "

After being pushed out, a strong aunt patted her thighs, foamed at her mouth and pointed to Zhang Fan's nonsense.

They are all human spirits. She doesn't scold the police. She doesn't scold the security guard, but scolds Zhang Fan. She knows that Zhang Fan is the leader in charge at a glance and has nothing to do with her.

Zhang Fan ignored the quarrelling crowd after they were pushed out of the hall. They didn't quarrel after they were pushed out.

"Your fracture should be operated on as soon as possible. The longer the delay, the greater the injury. If you don't want to be lame in the future, you should pay for the operation quickly. Otherwise, let alone climb the drainage pipe, you can't even go up the steps."

Where the ass is, the vote is there. Zhang Fan is bluffing the boy. This kind of thing is very troublesome.

The examination has been done. CT, MRI and a round of small rescue have been carried out. The fees are not charged. Once they quarrel, they can't take the insurance fee. It will take you half a year, and there's no problem at all.

Then, when the settlement is made, the doctors and nurses of the day are in trouble. The amount is large, and the hospital sends a lawyer's letter.

The amount is small. Well, there are two ways. Either you go and get it back, or the doctors and nurses share it equally that day.

Therefore, as a leader, it is not Zhang Fan's turn to worry about the people's livelihood in the world, but for the protection of his subordinates, we must do it. This is the responsibility of a leader.

Sure enough, the young man who let Zhang Fan scare and applaud began to shout: "Mom! Mom! "

"What's the matter? What's the matter?" The strong aunt came in from outside the hall. And aggressive, she thought Zhang Fan how her son.

"Pay the money quickly. If I don't have surgery, I'll be lame. I'm not married yet! " The young man lying on the hospital bed had an agitated face.

Although the pain relief needle was given, the pain in the ankle was relieved, but there was still some swelling pain.

What else did his mother want to say, but when she saw her son, she bit her teeth, took a look at Zhang Fan, and went to pay.

One side took the initiative to pay, and the other side paid.

China has no specific data on accidental injuries, but in the United States, accidental injuries are the most common cause of death among people aged 1 ~ 45.

Among the elderly over the age of 65, one in three people fell and caused serious injury or even death.

In popular terms, bones are also alive. Like other organs of the body, they are aging with age. Of course, damage will also lead to abnormal growth.

In particular, it is not enough to rely on doctors to fully reach the anatomical position of some fractures in the joints. Doctors just try their best to prevent joint deformities, and the rest depends on the human body's own compensation and self-repair.

For human fractures, the upper end of a wrist and the upper end of an ankle, this kind of fracture operation is not big, but it is not easy.

Because these two joints are very complex, they should not only have very stable firmness, but also have a certain flexibility.

The forearm and lower leg are composed of two bones.

The bone of forearm is ulna and radius, and the bone of lower leg is tibiofibula.

There are fan-shaped muscles between the two bones and pulley like joints at both ends. That's hard to understand.

In popular words, it is also simple. Ulna, radius, tibia and fibula are like two parallel chopsticks, one thick and one thin.

The middle of the chopsticks is a thin rubber with a certain shrinkage force. The thicker chopsticks head is a track, while the thinner chopsticks head is a wheel. Then the thinner chopsticks can rotate and cross around the thicker chopsticks. Because there is a rubber in the middle, it can also be restored to the parallel situation.

It is probably such a situation that the wrist of the human body can rotate and make various complex movements because of this complex joint.

Once it is damaged, it is very difficult to handle it well and pick noodles with chopsticks.

After the man's mother paid, Xue Fei was ready to transfer the patient. The skin of the ankle joint of the lower limbs is very thin. There is no way to have surgery before swelling is reduced.

Otherwise, after the fracture is cut and fixed, you will be silly. Because the skin can't be sewn together, this elective operation is not suitable for hospitalization in the emergency center and must be transferred to the orthopaedics department.

Which orthopaedic department has a good relationship with the emergency center, the patient will be transferred to which orthopaedic department.

The police came another car, busy taking notes, asking questions. Zhang Fan hurried back to the office and had to hurry up to sleep. There was an operation during the day.

Among the leaders on duty, Zhang Fan and Ren Li are a little hard, because others have been separated from the clinic, but they are not professional at all.

During the day, Zhang Fan had an operation in the hospital in the morning and went to the university laboratory in the afternoon. After the experiment, Zhang Fan was a little confused. He didn't sleep well at night. He stood for another day during the day and was not tired.

"Elder martial brother and Professor Zhao, I won't come tomorrow. I have a wedding to attend." When Zhang Fanlin went out, he said hello.

"It's all right. I can have a good rest these days. We'll start again next week. "

Professor Zhao Jingjin is very happy. The experiment has now begun. The mice that have finished the operation can survive for two to three days. The next step is to expand the data.

On Wednesday morning, Zhang Fan wore a suit she seldom wore and drove with Shaohua. Shaohua hasn't changed her clothes yet. She didn't change it until she arrived at Lu Renjia's house.

There is a characteristic of marriage in the frontier. The Han people pick up the wedding in the morning. Before the sun comes out, the team to pick up the wedding will go out, while most of the other nationalities will go out to pick up the wedding just after the sun sets.

"You're the best man today. I'm worried to death."

"It's all right. There are many best men today. I just go to make soy sauce and won't drink." Zhang Fan knows what Shaohua is worried about.

In the northwest, especially in the frontier area, the marriage test is not the bride and groom, but a group of best men.

Let's put it this way. The red envelope at the door is not different from other places. The most terrible thing is drinking.

There's a winery here. I'm dying of drinking forthright. In other places, the groom calls Lao Taishan's door, which is just a few drinks at most.

This is not the same. Blocking the door is directly the bottle on the top, not drinking three bottles of liquor. It is impossible to enter the door.

Zhang Fan sent Shaohua to Lu Renjia's house. There were a lot of girls on Lu Renjia's side. It was very lively.

Lu Renjia's father also looked happy at this time. After putting down Shaohua, Zhang Fan went to Zhu Bing's house.

Zhu Bing's father was a martyr, and his mother left with his father's front and rear feet. Moreover, he was not a frontier resident and had few relatives.

Therefore, none of the elderly in the family came out to preside over it. Fortunately, Zhu Bing has a good popularity, and Taishan will be a leader in the future. The director of their Bureau will personally act as the parent of Zhu Bing.

When Zhang Fan saw the best man regiment, he was relieved. A group of criminal policemen like calves should have nothing to do with drinking.

Wedding cars or something. Zhu Bing is not a luxury car according to his meaning of Taishan. The leader is Zhang Fan's cool Luze. He is more cautious in his old life, so there is no BMW Benz.

However, because Zhu Bing's father is a martyr of the police system, the only special thing today is that two mounted policemen have made road vehicles.

Zhu Bing's new house is actually in the community next to their house on the old road. Of course, the house is also prepared by the old road.

The rules of marriage in the frontier are not small. There are requirements for the route. Nothing can go back, no dead end, and no dead end.

Therefore, although the bride's house is in the next community, in order to follow these rules, the wedding team almost walked around half the city.

After entering the community, we arrived at the door of Lu Renjia's house. Sure enough, some men of Lu Renjia's uncle, brother and brother had blocked the door with a bedside table.

The old cellar in the border area, more than 50 degrees Baijiu, poured into the beer mug, and placed a table.

"I know you are the elite of the police. It's not difficult for you today. Let you in after drinking these wine! We don't talk nonsense. " It seems that brother Lu Renjia said.

Then drink, these are Interpol, can not say, do not bargain, Baijiu is drinking, drinking alcohol in early morning, or a stuffy, no bottom of the real drink can not go down.

More than ten men, after drinking the liquor on the table, the brother of Lu Ren's side, such as his cousin, was also straightforward.

Not yet. It's time for the women to play.

The boudoir door was locked, but Jia SuYue stood on the table inside, his head sticking out of the window.

The girl is crazy alone, and her exquisite dress didn't make her restrain a little.

"Sing, sing a song first." She condescended to ask a group of young men below.

I'm not afraid of drinking. It's really difficult to sing for these men who often shuttle between iron and fire" Sing, you sing! "

"Sing quickly, let's not lose the face of the police."



"Chorus is OK!"

After a long discussion, someone finally came out and sang a song. The girl across the street looked like a wolf. It is estimated that if she really sang this song in the street, the girl would have been scared away.

The girls inside, laughing in a ball, just have a bad voice, and can run out of tune.

"Which face is the darkest, sing one!" Jia SuYue did not let Zhang Fan go "Your sister, where am I the darkest? No one else is much whiter than me. " Zhang Fan is in a bad mood.

But Jia SuYue's little hand pointed to Zhang Fan, "sing, brother, sing one quickly!"

"Just sing!" Zhang Fan put his face in his pocket.

"Two little goats..."

"Ha ha!" With Zhang Fan's singing, the girls inside burst into laughter.

"Hooligans, sing a Qin Opera!" This is Wang Yanan's voice "I don't see. Your family Zhang Fan still has reserved tracks! " Lu Renjia couldn't laugh anymore!

Because Lu Renjia's month is not small, and everyone didn't make trouble for long. They sent red envelopes, and finally the girls opened the door of the boudoir.

I have to find shoes. I don't know what rules. The new shoes for the bride to get out of bed have also been hidden by a group of girls.

Lu Renjia was wearing a white wedding dress and the other girls were wearing sky blue dresses. A group of men entered the door with straight eyes.

"It's so beautiful!"

"I lift the skirt to see if it's hidden under the skirt!"

"Ah! Hooligans, no longer here. "

"Ha ha!" Everyone is making small jokes that they can't make at ordinary times.

Rummaged through the boxes and cabinets, and finally found Lu Renjia's new shoes in the quilt.

A group of people hugged the new couple out, and the old couple have been on the sofa in the living room.

"You will support each other all your life. Jiajia has been spoiled since childhood and has a bad temper.

You have to bear more. If there is anything you can't see, you must communicate well and be kind.

When Jiajia grows up, she can't play small. Be honest with Zhu Bing. Go. "

The old road couldn't go on, and his voice was astringent.

When Zhang Fan went out in the morning, Zhu Bing's leader told Zhu Bing to kowtow to Lu Renjia's parents and change his mouth before leaving.

Zhang Fan's eyes turned red when he saw Lao Lu, and hurriedly shouted, "it's getting late, Zhu Bing, Lu Renjia, kowtow to the old man, and we'll start."

"Dad! Mom! " Zhu Bing gave the two old people a solid kowtow. Lu Renjia didn't kowtow because he was inconvenient.

"Hey!" Lu Renjia's mother has been crying. Although she has not been married far, it seems that her child is not her child anymore.

"Mom!" After a long stretch of road, Ren Jia also cried.

"All right, all right! Hurry away. The guests can't wait for any more ink. " Zhang Fan has to be a villain.

"Let's go!" Zhu Bing gently helped Lu Renjia. Lu Renjia said to her parents with tears.

"Go, go!"

Like the first cry of a baby, the cry at this time is happy.

Zhu Bing looked at Lao Lu and Lu Renjia's mother. He also missed his father and his mother. He wished that his parents could take a look at him today.

After the reception, it is to entertain guests. There are many people in police uniforms in the hall, because today is not a holiday. These people have to go to work after attending the banquet.

Looking at the new couple standing in the middle of the hall bowing to the guests, Shaohua leaned against Zhang Fan, "they are so happy."

Shao Hua is also slightly powdered today, very beautiful. What run like jade, don't say it, it's boring~

Han people's weddings are the same. When Zhang Fan was in the county, he participated in the weddings of a few nurses. That's what makes it lively.

People's banquet is not for eating. There is no big fish and meat like Han people. The food is simple, just a few dishes.

It is mainly singing and dancing. No matter old or young, you can sing and dance when you pull it out. Zhang Fan opened his eyes with Li Liang and Li Hui.

And because he just graduated, he had no oil and water in his stomach and couldn't control himself. A table of young men who had just graduated ate and drank until midnight.

Finally, the head of the bridegroom's family had to come out and persuade him intermittently in less fluent Chinese:

The world, the world does not, this, do not end the banquet, distant relatives and friends, let's have a long day!

Zhang Fan wants to laugh as soon as he thinks of it. It's better to be young. It doesn't matter if you don't have a face!

## **Chapter 478**

Lu Renjia couldn't make trouble with her stomach, and Zhu Bing was no longer a small criminal policeman.

At that time, the woman was also in her early thirties, and her hair was slightly permed into a slightly curly hairstyle.

The upper body is wearing a white shirt, the lower body is wearing a black one-step skirt, flesh colored silk stockings and flat shoes, which gives people a very capable feeling from top to bottom.

The complexion is not very good, especially the slight brown patches on the cheeks on both sides, which look light under the cover of cosmetics.

"Don't worry, isn't Lao Zhao of the bird City General Office reliable? They personally accompanied their leaders to visit the father of Daqing boss. It was the operation performed by Zhang Yuan of the tea vegetable hospital. "

The man's voice is not big. Maybe it's a professional relationship. He speaks with an attitude of preventing others from hearing.

As he spoke, the man gently knocked on the wooden door of the office three times.

Zhang Fan is in the office and is looking at the general feedback of each new inpatient in surgery in recent weeks.

The overall campaign rotation in the hospital has achieved great results, but there are also many problems. This requires Zhang Fan to take charge of the general manager, and then give instructions to the following people to improve. Looking at the documents, Zhang Fan is upset. He doesn't like this kind of paperwork. It can be said that he hates it.

When he heard the knock on the door, he said, please come in, and then looked up at the visitor. When he saw a man and a woman, Zhang Fan got up and didn't speak.

The man who entered the door bowed and walked over with a smile. Although the woman was also smiling, the smile hanging on her face was very reluctantly.

"Zhang Yuan, Hello, Hello, I'm Xiao Wang from the tea vegetable Technical Supervision Bureau. This is my number. I haven't found your expert number for a long time. I've hung up an ordinary number. I don't know if it's OK."

Men talk very politely. At first glance, they are people who have been honed by life.

"Oh, yes, yes, sit down." Zhang Fanzheng looked at the documents and was very upset. A patient came and changed his mind.

After they sat down, Zhang Fan asked, "what's the matter?" Then I looked at their faces and looked at them. Although they are the basic subjects of Chinese medicine, western medicine also says that they can see, touch and listen.

The vision of Western medicine is the simplest and most difficult. Without a lot of clinical experience, you can't see anything at a glance. Moreover, with the of various examinations, many doctors began to give up this original physical examination.

However, a good doctor must do these lessons well, because this is a first-hand judgment, which can quickly help doctors to have a preliminary understanding of patients.

Zhang Fan first looked at the man. He was well proportioned, ruddy, shiny skin, bright and soft eyes. He couldn't see any pain.

For this man, Zhang Fan's first judgment is good nutrition and stable mentality.

The second time, he looked at the lady who came with him. She was thin, with sharp eyes, slightly convex cheekbones and slightly brown complexion. Zhang Fan couldn't judge the color degree because of the application of cosmetics.

Combined with their looks and clothes, Zhang Fan preliminarily concluded that the woman was estimated to be malnourished due to poor appetite and strong personality.

"I heard from section chief Wang of the general office of bird city about you. Said that the Affiliated Hospital specially invited you to perform liver surgery on the father of Daqing boss, so I came here with my wife. "

Men don't talk much, but they explain their origin and other situations in a few words, and also slightly point out that they still have a little energy.

The woman sitting on one side probably felt that the man had too much nonsense and unconsciously frowned.

"Oh, hehe, so it is. What's the matter with you?" Although Zhang Fan spoke to the man, he looked at the woman.

"My love, she has a bad appetite, is prone to fatigue and doesn't sleep well."

After that, he took another look at the women around him and continued, "and he has a worried temper and is easy to get angry.

I checked in our hospital and said there was a little bile mud in the gallbladder. After taking the medicine for a period of time, the effect is not very good. So let me show you. "

"Oh, how long has this symptom been? What does your lover do? Is he busy at ordinary times? There are no other physical symptoms. " After listening, Zhang Fan nodded and continued to ask.

"Teacher, junior high school teacher..." before he finished, he was directly interrupted by a woman " I said myself. " She glanced at her man.

Then she smiled at Zhang Fan. Her smile was too official and flashed by " Dr. Zhang, I'm a junior high school teacher and a math teacher in No. 1 middle school.

Usually busy is not busy, that is, junior high school students are too naughty and take a lot of energy. My symptoms have been for about three or four years. After giving birth to a child, it seems to start to be a little inappropriate.

Usually eating something greasy will be uncomfortable, and my husband is right. If it's a little inappropriate, I'll get angry. Although I regret it afterwards, I just can't help it. I wasn't like this before. "

"Oh, let me see the previous inspection results." Zhang Fan nodded after listening.

The man quickly took out a stack of examination results from his file bag. "This was done in our hospital last week. Please see if it's OK. Is it necessary to make another one?"

"Let me see first!"

(Please subscribe, brother a!)

## **Chapter 479**

Zhang Fan looked through the examination results. Although the examination results were reported, she was just a little cholestatic. According to the patient's main complaint, she had obvious discomfort.

Zhang Fan then asked the woman, "how old is the child? Do you usually eat regularly. Do you like greasy food? "

"The child is over four years old and usually eats on time. I can't eat greasy food at all. I feel sick when I eat it. "

"Come on, let's go to the disposal room for a physical examination." After a little thought, Zhang Fan said to them.

"Hey ~! OK, thank you, Zhang Yuan. " Men's eyebrows are full of joy, but women don't respond.

In western medicine physiology, the explanation and definition of gallbladder is very simple: gallbladder is a small central control organ attached to the dry surface, which can store and concentrate bile synthesized by liver, vagus nerve controls gallbladder contraction, and gallbladder mucosa has a special absorption effect.

Generally speaking, it is a container for bile secreted by the liver.

Bile, a kind of digestive juice. This thing is that after the aging and elimination of red blood cells in the blood, the hemoglobin in it is reused by the liver to synthesize bile.

Without talking about ideals and missions, people live to eat.

The human body is the same. The three major energy of the human body are sugar, protein and fat.

These substances not only provide the energy needed by the human body, but also bring the raw materials of metabolism. With these substances, the body can work.

The human body is not constant, but a special dynamic balance. The cells that make up the human body are also living and dying.

These energy materials provide energy and materials for the human body to continuously repair.

Energy consumption allows the absorbed substances to form new cells that can repair the human body, and the fat is the most difficult to digest.

It's wrong to eat fat to digest when you are too old and have no teeth. Special children, a mouthful of fat, don't eat for three days!

What exactly does bile do? To be more popular, it is actually a medium. Because fat is insoluble in water, it cannot be fully contacted by digestive enzymes.

Bile emulsifies fat molecules and makes the contact surface between digestive enzymes and fat molecules increase, and then fat molecules are decomposed. This is the function it has been found.

Fat in the intestine, combined with bile, is absorbed into the intestinal cells, and then continues to decompose in the cells and enter the blood. Energy is generated in this series of processes.

Fat is like a car. It is broken down into many parts in intestinal cells, then into the blood and transported to the liver.

These parts include the famous triglycerides, total phospholipids and cholesterol.

After triglyceride decomposition, it can produce a lot of energy, which is also the main material for fat to provide energy.

But if this thing cannot be consumed by the human body, it will be stored by the fat cells of the human body.

With more storage, fat cells become fat and people become fat. Obesity can be understood in this way.

Triglycerides stored in fat cells can make fat cells. If stored in hepatocytes, they will become fatty liver.

Phospholipids are very useful, especially the nerve headquarters and brain, which have a lot of demand for phospholipids. If some special neurons in the brain are removed, in fact, the structure of the brain is similar to that of fat.

This is also the reason why eating brain flower can taste the smell of fat meat.

Cholesterol is a strange thing. Except for the brain and red blood cells, other organs of the human body can produce it more or less.

The most common place is the liver, which is mainly used to synthesize some hormones. The more important hormones are adrenal gland and testosterone (a) pills, and some unspeakable hormones in the middle and long life of ovary.

In other words, only when you are full and eat well, the human body will want to get some pop hormones. If you can't eat well or you are too thin, your body won't remember to do anything else!

The ancients said that warm drinking thought \* \* is also very reasonable.

But once cholesterol, phospholipids and triglycerides cannot be consumed by people, it will be harmful.

Zhang Fan took the couple to the orthopaedic treatment room because there was a physical examination bed in the room.

Although the female teacher's cholesterol and triglycerides are normal. But according to her own complaint.

The feedback to Zhang Fan is that the female teacher should be a fat man with excessive blood lipids.

But the female teacher is not fat, but a little malnourished. Zhang Fan had to come for a detailed physical examination.

"Do you want me to go out?" The female teacher's husband asked politely.

"No." After Zhang Fan said something, he said to the female teacher, "lie down on this bed and expose your abdomen."

"Good!" Without hesitation, the female teacher lay down on the bed and showed her belly. Too thin, subcutaneous fat can be almost ignored, ribs and forks can be counted with the naked eye without touching.

Zhang Fan turned on the tap, washed his hands, put on his mask and hair, and began to have a physical examination.



"Come on, curl your legs up a little. OK, breathe in and out slowly. " Zhang Fan began to palpate little by little from the lower abdomen and made abdominal palpation counterclockwise around the navel.

"Does it hurt?"

"No pain!"

"Does it hurt?"

"No pain."

There were no clinical and pathological signs, but she was just uncomfortable.

"Get up!" After checking, Zhang Fan washed his hands.

"How about Zhang Yuan? Is my wife okay?" Men are not nervous, just a little expecting. Since her wife had a baby.

His temper exploded directly. He turned his face when he was a little unhappy. He was about to collapse.

Zhang fanwei thought and organized the language slightly. If he treated it according to the thought of single subject western medicine, it would be very troublesome.

Chloasma on women's faces is related to ultraviolet rays, oral contraceptives and pregnancy. If you want to treat it, you can use some decolorizing agents, such as hydroquinone and retinoic acid.

If the bile sludge is precipitated, the patient can be instructed to eat a light diet, and then take some drugs to soothe the liver and gallbladder.

As for irritability, if you can't adjust yourself, you have to prescribe benzodiazepines, the so-called stability. Directly as a mental symptom.

This is the diagnosis and treatment of Western medicine.

Because patients have no obvious symptoms, and many things have not been thoroughly studied and cannot be quantified. Therefore, if this disease is treated by a specialized western medicine doctor, the effect is really not good.

In Chinese medicine, bravery dominates decision-making, which means that bravery plays a role in judging things and making decisions in spiritual thinking activities.

It plays an important role in defending and eliminating the adverse effects of some mental stimuli (such

as panic, stroke, fear, etc.), maintaining and regulating the normal operation of Qi and blood, and ensuring the coordination of the relationship between Zang and Fu organs.

Generally speaking, courageous people have the courage to make decisions. External mental stimulation has little impact on them, and they recover quickly;

Timid people are indecisive and indecisive. When affected by adverse mental stimulation, they are prone to mental disorders such as timidity, fear, insomnia and dreaminess.

The function of gallbladder governing decision-making is closely related to the function of liver governing planning. Planning is the process of thinking, comparison, identification, analysis and reasoning;

Decision is the final choice of various possibilities in the above thinking process. The liver and gallbladder are external and internal relations, and the liver is the official of the general and the mastermind;

Courage is the official of righteousness and the decision of the LORD; Decision comes from planning. After planning, decision must be made, so that the decision is right and just. Therefore, "Su Wen · Linglan secret classics" said: "the brave, the upright official, make a decision."

This thought coincides with the hormone thought of bile participating in the reaction of Western medicine, but western medicine has no good way at present because it cannot be quantified.

Zhang Fan doesn't understand Chinese medicine. However, compared with general specialists, he has comprehensive knowledge.

After thinking about it, he looked at the female teacher and asked, "do you don't like talking at home?"

"Well, I take several classes of math. At the end of the day, I have to talk a lot, so I don't want to open my mouth when I get home." The female teacher nodded and said.

His husband also nodded, as if to confirm again.

"Isn't there little sex? How many times a week? "

"How many times?" Before the female teacher spoke, his husband was directly surprised. Although the female teacher rolled her eyes, he said: "once a month is good! She's impatient. "

"Dying!" The female teacher's voice immediately improved a lot.

"Sometimes there will be diarrhea and oily stool with stench." Zhang Fan hurriedly asked.

"Yes, yes, yes, after she flushed the toilet, there were oil flowers in the toilet! And the taste... "The man is probably too excited, because the symptoms Zhang Fan said are consistent.

Seeing her wife's violent posture, he dared not say, but his mouth was still silent.

Look at your lips. Maybe it's something you can't avoid medicine.

"Ha ha!" Zhang Fan smiled helplessly. No wonder women are easy to explode because her husband talks too much.

After a series of examinations and asking about the medical history, the diagnosis was also confirmed, cholestasis. But it's not a simple cholestasis.

"In this way, I'll prescribe some medicine for you. You can change your living habits and see if it works." Zhang Fan said as he went to the orthopedic office to get a prescription.

"Ursolic cholic acid, multivitamins, calcium, retinoic acid cream." After writing, Zhang Fan said to the woman, "take a course of treatment and have a look."

Then he said to the man, "in the future, you should talk less and let your wife talk more, that is, the so-called nagging. If you can do this, it is estimated that she will be well!"

"Well, nagging is also medicine?" The man was stunned.

"Yes, this is the most important dose of medicine." Women, no matter how strong they are, nagging is a very good way to relieve stress every day because of estrogen and genes.

There is a big difference between a nagging woman and a woman who likes to put things in her heart.

The female teacher, because of her occupation and because she has a talkative husband at home, led to her becoming less and less talkative. Over time, the hormone secretion in her body was abnormal.

Then there are all kinds of discomfort. The drugs are only symptomatic. If you want to cure it, you have to rely on her and her family to adjust slowly.

If you can't adjust, wait until quantitative change and qualitative change, it's time to move the knife, either stone or obstruction.

"Thank you, Dr. Zhang." The female teacher thought Zhang Fan was right. Zhang Fan smiled at the couple.

He understood the man's feeling that he wanted to but couldn't. It was hard to grasp his heart and lungs!

After they left, Zhang Fan didn't go back to the office. He went directly to the operating room. There was a special operation today.

A patient with a ruptured Achilles tendon came yesterday! I don't know when to start, tea vegetable suddenly became popular with corporate culture.

The wolf team and the United team should be the same as one person, with coordination and tacit understanding. Various theories prevail.

How to train? I don't know whether science is scientific or not. Anyway, it is to bring a group of middle-aged men and women who stay in the office all year round into the wild mountains, and then carry out the so-called expansion training.

The expansion coach in small cities is a little unreliable, and the amount of exercise is a little too large.

Then add these middle-aged men and women who have gained weight, inappropriate body mass index. Something happened while playing with a survival wall.

The strongest man in the company acted as a ladder and let his colleagues sprint one by one. After that, he stepped on his hands and climbed up the wooden wall more than one person high.

Everyone went up, leaving the fat boss. Everyone shouted and encouraged. But the fat boss was afraid that he would trample on the employees and hesitated.

"Go! Hurry up, you are a team. Do you have to drag everyone back. Hurry! " The coach also blushed and cheered with a thick neck.

"Rush, boss, everyone is waiting for you. I can hold on. Rush!" The man as a ladder is also shouting.

The men and women who had climbed the human wall also kept encouraging. Adrenals soared, and the fat boss bit his teeth and ran.

It's no wonder he's afraid of stepping on others. The running boss is rolling like a meat ball.

How fat are you? It can be said that his two feet are not together because his legs are too thick.

Sitting down, he couldn't see his navel, because the fat on his stomach hung in his waist like a meat wheel.

Running meat balls, sweat flying, the road is shaking. The man under the wooden wall also used his hands with enough strength.

When the fat boss rushed over and put his foot on his hand, he held it up fiercely.

As a result, the fat boss shouted like a pig. Then, the huge body hit the man like a fallen meat wall.

"Mom! Oh! " Like the long tune, the fat man shouted sharply and high. Snot, tears and sweat all came out.

Face to face, the fat boss's ferocious face, tears mixed with yellow pus and snot, like a yellowish brown insect, smoked one after another with the boss's cry.

It was about to drop into the man's mouth.

He was pressed under his body and opened his mouth to breathe. He covered his mouth in horror.

"Mom, I will never be a human wall again!" In his life, he can't forget that his nose is so disgusting.

After the people tried to pull up the fat boss, the coach looked at it and felt a click in his heart. His already thick ankle began to swell with the naked eye.

"Hurry to the hospital!" The coach and company staff pushed the shelf car to transfer the boss to the car. It was so fat that four or five people couldn't lift him.

## **Chapter 480**

When Zhang Fan arrived in the operating room, the anesthesia director just came out of the office. When he saw Zhang Fan, he smiled bitterly.

"Zhang Yuan, the fat patient in the Department of orthopedics is too troublesome!"

"What's the matter?" Zhang Fan asked curiously.

"You will know when you enter the operating room. I won't say it first. I just called me and asked me to help lift people."

"OK, you go first. I'll come after I change my clothes." Zhang Fan nodded.

The head nurse of the operating room specially made a small dressing room for Zhang Fan. Although it was small, it had a small sofa and a small table.

Change your hand washing clothes, wear your hat and mask.

The hand washing clothes in the hospital look tattered because they are made of pure cotton, and because they are often disinfected by high pressure and high temperature, and soaked with disinfectant from time to time. They can be worn on the body, but they are very comfortable.

Because it is a pure cotton product, it will not be like some century old boutique clothes, covered with static electricity, crackling on the road.

When he walked into the operating room, Zhang Fan almost laughed. Fat boss because it's a broken Achilles tendon in his right leg.

The trousers just took off the right side, and the white fat legs and fat meat hung on the edge of the operating table, just as the Unsmoked fat meat hung on the wall beam.

Operating beds in China. In the early years, there were some products of magic capital in the hospital, with a nameplate: Magic capital No. 3 operating instrument factory.

I don't know why. It is estimated that they can't make money or there is too little money. In the middle and late 1990s, Chinese products were launched by a large margin, and there was a medical market.

The old-fashioned operating table is very crude. If you want to move the operating table, don't think about it without 20 strong men.

What is the old-fashioned operating bed like? Most people really don't have any concept.

It's not easy to explain. I can only say it briefly.

Older people don't know if they remember the state-owned barber shop.

There are several aunts inside, with some very comfortable chairs.

There is a big iron lump under the chair. There are magical gear rods around the chair, which can turn and fall down as a bed.

After putting this chair, it is actually an operating table.

The earliest surgeons were all part-time barbers. So many things in the operating room in the early years were very similar to those in the barber shop.

Even now, the three color rotating signs hanging at the door of many barber shops actually represent

arteries, veins, blood vessels and nerves.

The products of the third instrument factory of modu were eliminated by the third-class hospitals in the past few years. Because of Marubeni and Germany, they have developed new operating beds.

Their operating beds have all become automatic and remote-controlled. And because of the battery, you can run as an electric car at the critical moment.

This function looks like chicken ribs, but in a critical moment, it can save lives.

The things in meatball country are very stingy. The bed is not expensive, but there are many additional things. The total price is up to heaven. A surgeon, millions!

However, hospitals in developed cities support counterpart hospitals in the West.

The operating beds in the teasu hospital are relatively advanced and all made in Germany.

However, even after the extension plate of the operating bed has been opened, after the fat boss lies on it, part of his meat is still hanging on the edge of the bed.

"Zhang Yuan! We can only put a small table under his feet.

However, the height can't be adjusted. It may be more tired after surgery. "

The head nurse was also helping. After seeing Zhang Fan, the head nurse stood up and bent down. It was too troublesome, because... Wang Wang certainly didn't understand.

"OK, put a suitable table." Zhang Fan has no choice. The height of the operating table can be adjusted, but the general table does not have this function.

The table can't adjust its height and position. It's only the doctor who can adjust himself.

What do you mean by kneeling for surgery or squatting for surgery? It sounds like bullshit. In fact, this is the routine operation of many special operations.

"Zhang Yuan, the patient's weight is too big. You can't give too much anesthetic, otherwise the dose will exceed the standard." The anesthesiologist began to talk about the problem.

"Discuss this with the anesthesiologist." This Zhang Fan really doesn't dare to intervene.

Medicine is divided into several university disciplines. Let's not talk about the others, but the anesthesia and clinical disciplines involved in the operation are directly different disciplines.

Zhang Fan really didn't dare to give people any advice.

"It is estimated that the anesthetic effect is not good and the weight is too large. When you operate in Zhang hospital, try to speed up."

The director of the anesthesiology department is also helpless. For patients of this type, the amount of anesthetics is too difficult to control.

The effect of less drugs is not good. More drugs may keep patients awake forever.

"OK." Zhang Fan promised, then looked at Xu Xian and Wang Yanan, "who raised your feet?"

"Er!" Xu Xianhan came down. Isn't that why Ming pendulum asked him to lift his feet. Zhang Fan is the leader and Wang Yanan is the girl. He is the only one.

However, looking at the fat boss's elephant thick legs, he is a little bad.

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"Hehe, where can Xu Xian lift his legs? I disinfect. Don't worry, I'm fast!"

Although wearing a mask, you can see Wang Yanan's eyes. Everyone knows that she is very happy.

Disinfection, surgical disinfection is very strict. Generally, it is required to disinfect to about 15cm of the knife edge.

Because of the rupture of the Achilles tendon, the patient must lift his lower limbs, start from the Achilles tendon and disinfect until near the lower edge of the knee.

Moreover, the toe seam is the key point. Here is a place to hide filth, rich sweat glands, and the skin thickens and forms wrinkles for wear resistance.

This is also the reason why some people's feet can stink dogs even though they have no beriberi.

Wang Yanan began disinfection after washing his hands. The disinfection of lower limb surgery is not troublesome. Conventional disinfection is OK, but it's too much trouble for people who lift their feet.

From the place where the lower leg is connected to the foot, Wang Yanan began to disinfect with oval pliers and iodophor cotton balls.

At this time, Xu Xian grabbed the patient's instep with both hands and lifted it hard. Her legs were too thick.

When Xu Xian was lifted more than ten centimeters away from the bed, he used all his strength to eat milk. Under the mask, he just showed his teeth.



At this time, it's time to test Xu Xian's strength. Is it the Kirin arm.

With Wang Yanan's disinfection scope becoming narrower and narrower.

Xu Xian began to grasp the patient's instep with both hands and slowly became a thumb holding the patient's big foot.

Not to mention it, Wang Yanan had to wipe the patient's feet back and forth with an iodophor cotton ball in his oval pliers.

This calf, at least 30 pounds! Xu Xian held her breath.

Red face, red neck, one hand holding the wrist of the other hand, the thumb and index finger of the other hand, tightly holding the thumb of the meat.

Xin Kui has been single for many years. Otherwise, people who get married early may not be able to mention this action.

Xu Xian's heart shouted again, "ah! Ah! Ah! Come on, come on, shit is coming out! "

Wang Yanan was very fast. In the end, only one big foot and thumb were left without disinfection.

As soon as she turned around and turned back to back with Zhang Fan, Zhang Fan quickly spread the small sheet in the operation bag on the operation bed.

"All right, let it go!"

Xu Xian, gently put down the patient's feet, sweat, directly soaked his hand washing clothes.

While gasping for breath, he pinched the Kirin finger of his right hand, which he often exercises.

Wang Yanan finally disinfected his big toe and took a pair of sterile gloves from the operation nurse.

"This is not good. It's too small. How big is the largest surgical glove in our hospital." Wang Yanan asked.

Because the toe is relatively contaminated and too close to the surgical area, it must be wrapped with gloves.

"Eight and a half!"

"Change to eight and a half."

Girls' surgical gloves are generally size six and a half, boys who are thinner are size seven, and boys with

larger hands are size seven and a half, or size eight.

Zhang Fan is 1.8 meters tall and usually takes No. 7 and a half. It is conceivable how fat the fat boss's feet must be, and the thinner pig's feet are not as heavy as his.

Put on your gloves. Shop sheets, four small sheets on the left and right, two middle sheets on the top and bottom, and a hole towel in the middle.

When these lists were covered, the fat boss's fat was gone.

Only a fleshy foot with a rubber hat stood alone on the green operation sheet.

The fat feet stained with Iodophor are as fat as the laughing insects in the cartoon.

Sports medicine is not very good in Asian countries. Bangzi country's medical system is a direct copy of the European and American system.

But they found another way to lead the world trend in plastic surgery.

Don't underestimate this plastic surgery. Bonzi country accounts for the majority of authoritative experts in spinal plastic surgery. As for facial plastic surgery, they have rushed out of the universe.

Although the medical system of Marubeni is not very famous, it is the most perfect country integrating traditional Chinese and Western medicine.

Especially in terms of endoscope, no one in the world is the opponent of others.

As long as we talk about endoscopy, we can't bypass Marubeni. An Olympus endoscope is directly a contrarian thing.

Muscle can be divided into three categories: myocardium, smooth muscle (muscle in visceral and vascular wall) and skeletal muscle.

Skeletal muscle, on the other hand, has too many categories. Long and short, with muscles in the shape of feathers.

The most peculiar is orbicularis muscle. The muscle structure of lips and anus is similar. It's like a wrench made of rubber.

And there are Chinese medical experts who treat hemorrhoids and directly do acupuncture and moxibustion in the mouth, but strangely, it is effective for hemorrhoids!

Skeletal muscle is like a rubber band stuck to two bones.

When the brain gives orders, skeletal muscles begin to contract and stretch, pulling the connected bones to make various actions.

This is also the only muscle that the brain can command. The heart muscle and smooth muscle do not cock the brain directly. People have their own system.

Skeletal movement, mobilize a lot of muscles, synergistic synergy, antagonistic antagonism. Without coordinated muscles, you can't make fine movements.

Without antagonistic muscles, a simple action of playing football may break the knee.

The muscle of the lower leg is the muscle abdomen in the middle and the tendons at both ends. One section is hung on the femur and the other is hung at the lowest end of the lower leg.

Stretching depends on the muscle belly of skeletal muscle, while fixation depends on tendon. The tensile strength of tendon is more than 100 times that of muscle abdomen.

Why have you heard of tendon rupture but not muscle rupture? Although the tendon is strong and tough, it has no contractile function.

Therefore, when violence occurs, the tendon will sacrifice itself to absorb a lot of energy, thus protecting the bone and muscle abdomen.

Tendon rupture, as long as there is a little tear, it is a rupture. And in terms of time, it can be divided into acute fracture and chronic fracture.

Many athletes have fallen out with their teams because of this acute and chronic problem.

There's a story in this. Tendons can be said to have no blood vessels to supply nutrition. It lives on a thin film covering the surface of its muscles.

The nutrition in the blood is distributed to the membrane, and then to the tendon after the membrane is finished. As you get older, the less nutrients the membrane conveys, and the more easily tendons are injured.

Acute tendon rupture, which is operated within 48 hours, is called acute rupture, and the recovery is relatively better. Once more than 48 hours, it is called chronic tendon rupture.

Once more than 48 hours, regardless of surgery or conservative treatment, it is very troublesome, and the effect after recovery is also very poor.

However, after tendon rupture surgery, athletes may not continue to maintain competitive state.

As long as the tendon is not completely broken, many teams give athletes pain relief and closure

needles, and then wrap some fixation measures.

In this way, we can continue to let athletes play. As for the future of athletes, this is not what they consider.

Therefore, athletes often fall out with the team after tendon injury. Yao's thumb tendon, I don't know why I chose conservative treatment, but

The gold standard for tendon repair is open surgical repair. The effect of plaster fixation and wearing inflatable walking boots is not as good as that of open surgery.

Fat people have a lot of fat. Fat is a very strange thing. As long as it is something that the human body eats, whether it is alcohol or nutrition, it should be tasted.

Fat boss, it's more than two hundred kilograms, full of fat meat. If you taste it casually, the amount of medicine you need is terrible. The anesthesiologist really didn't dare to give it again. He was afraid that the fat man would never wake up again.

With the stable anesthesia, the fat man quickly entered the sleep state. Zhang Fan, Wang Yanan and Xu Xian also started the operation.

"Alcohol, sharp knife. Hurry up, there's not enough anesthetic." Zhang Fan said quickly and began to disinfect the knife.

When the scalpel cuts through the skin, they don't have to wait for Zhang Fan. Their blunt separation, full yellow fat particles, directly squeeze out of the wound like pinching Japanese tofu.

"It's too fat. The draw hook is too slippery to hang!" Wang Yanan tried to hang up for a long time, but he didn't hang on to the fat man's skin. There was too much fat and too oily.

"Electric knife, suction device." Zhang Fan ignored Wang Yanan. As the bleeding was stopped by Zhang Fan with an electric knife, a trace of smoke rose.

There is a saying in surgery: you can judge the level of the surgeon from the smell of electric paste in the operating room.

Electric knife electrocoagulation, pay attention to point to point, move quickly and quickly.

When the smell of burning hair comes out, the doctor's level can be said to be extremely poor.

Because he roasted the hair follicles in the skin with an electric knife, the use of an electric knife is absolutely prohibited.

The smell of a lot of coquettish and smelly burnt smell shows that the doctor's level is average

It must be that the blood vessels are not clearly seen. Instead of point hemostasis, it is a direct flat discharge knife and large-area electrocoagulation.

Only the faint smell of barbecue. Such as roasted fat meat, the smell of meat when cooked but not charred can arouse appetite.

Well, the doctor is a master at least in the use of electric knife.

Of course, Zhang Fan's electric knife is absolutely master level. He doesn't know how many times he has used it in the system.

When he uses an electric knife, especially at the meal point, he can definitely hear someone swallowing.

Don't talk about others. Sometimes even Zhang Fan himself will be greedy for the smoke he makes.

Superb technology, so far.

The ultimate art is art.

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Of course, if the bleeding is severe, Zhang Fan won't use an electric knife and just hang a thread and sew it up.

The knife edge of tendon repair is very long. For the choice of knife edge, some doctors believe in small knife edge, while others like big mouth.

Zhang Fan believes in a word: everything is based on reality, not dogma.

The healing of the incision is from one side to the other, not from one end to the other. A suitable knife edge is the beginning of an operation.

The sharp blade swam gently in the fat, like an iron boat breaking the waves on the Yellow Lake.

Open the skin and cut through the fat. The fat boss's tendon was exposed in front of Zhang Fan.