

Chapter 174

Generally speaking, in the medical field, as long as you bring the name of an expert, how many teenagers are beyond the age of 40. When Zhang Fan appeared in Ma Wentao hospital, Wang Yongyong's wife was about to collapse. She doesn't have a job. Everything in her family depends on Wang Yongyong. If Wang Yongyong makes a mistake, the family will be over.

But there was no way. Wang Yongyong insisted on doing it. She had no way but to worry. Today, only his husband has an operation in the hospital. In the corridor outside the operating room, under the dim light, the poor and helpless woman sat alone on the bench at the door and wept secretly.

In the operating room, Zhang Fan sat in the corner and pretended to sleep. He didn't want to sleep, but built a three-dimensional image of Wang Yongyong's knee in his mind. Even if he wanted to do some preparations before the operation, Li Liang would rush to finish them.

The biggest difficulty of old injury is the reconstruction of scar tissue and blood vessels, resulting in unclear tissue relationship. Scar is formed in such a narrow place inside the knee joint, resulting in swelling and compression, resulting in knee joint pain. Moreover, because the blood supply inside the knee joint is not very abundant, the pain will become more and more serious.

Disinfection, hand brushing and aseptic operation are the foundation of surgeons. Anesthesia began. After Zhang Fan adjusted the equipment, he began the operation. This operation is much more difficult than Guli's.

The first is the old injury, and Wang Yongyong is not young. Unlike Guli, which is still growing up, some injuries will be automatically adjusted and improved by the body after time. The injury of arthroscopic surgery is much smaller than that of conventional surgery, and the recovery is fast in the later stage.

When Zhang fan starts the operation, he should first select a tendon and cut it into the shape and length of the ligament with a scalpel. This is a meticulous work. He should be patient to repair it a little. When he is anxious, the room is not short when he is small. Unmarried people generally can't do it. It's too anxious!

Zhang Fan holds the mirror and slowly cuts it a little bit. If the knee wants to have a flexible range of motion, it must adapt to the rotation force and absorb the impact force, and then be ready to cushion immediately.

The knee joint belongs to the pivot joint, which is a special science of human evolution. When the knee joint is extended, it is subject to the locking mechanism of the knee joint, and the rotation of the knee

joint is limited. This function determines the stability of the human body. If there is no locking mechanism, the standing human body will turn left and right if it is slightly impacted!

Wang Yongyong was a professional basketball player. He exercised a lot, and his knee often suffered some strong rotation or extension, so he suffered not only ligament injury, but also meniscus injury.

The current injury is related pain caused by maladjustment of patellofemoral complex. The purpose of Zhang Fan's operation is to repair the deformed and damaged tissue.

The degree of injury is not small. If you want to adjust, you must be very familiar with the mechanics of the knee and the whole kinematics of the human body. This is why sports medicine doctors can see orthopedic diseases, while orthopedics doctors may not be able to treat sports injuries well.

The special treatment of special groups not only refers to the restoration of their general life function, but also must reach a certain competitive level. This requirement is very high.

Almost all the great sports medicine experts are in the United States. The first requirement of sports medicine surgery is to minimize the injury as much as possible. After all, the surgery may not reach the original state no matter how accurate it is.

Second, we should consider the special career of athletes. An athlete who has signed tens of millions of contracts with the team dare not do it without a highly skilled doctor after injury. Because surgery is not only to solve the pain of athletes, but also to ensure the professional life of others. It's really too difficult.

At the beginning of repair and adjustment, Zhang Fan thickened his ligaments in combination with Wang Yongyong's weight. Now he doesn't need to do extreme sports, but his weight has increased, and his affected limbs and knee joints have been deformed due to years of illness.

This operation will test the basic skills of a large number of doctors in evidence-based medicine. Chinese medicine is catching up with the west very fast, but evidence-based medicine can not develop.

Almost all evidence-based medicine practitioners in China are part-time. Why? It costs too much time and money, and can not achieve results in the short term. Evidence-based medicine needs a lot of time and a large number of patients to establish a scientific file, track the patient of a disease all year round, and maybe track the patient until he dies.

This kind of work, in the current economy centered society, few people can bend down and do it recklessly. Evidence based medicine has no advantages in the short term, but it is of great significance for the long-term treatment of a disease.

For example, Wang Yongyong's operation needs to thicken or reduce the thickness of the ligament? How to make his knee joint achieve better effect. The establishment of this system requires a country to support development, relying on a hospital or doctor, just a drop in the ocean.

Wang Yongyong's pain can be solved by finding a top three orthopedic vice high school. However, doctors in general hospitals can't recover and maintain his certain intensity of exercise.

At this time, Zhang Fan, who has a system, has great advantages. The future medical treatment has attached great importance to evidence-based medicine. Zhang Fan is equal to having a lot of the best results that have been successfully summarized to do surgery.

The operation is very slow. There is another stage to know how to do it and do it well. Without a lot of practice, you can't achieve the result even if you know the result.

Zhang Fan has developed a liver system for two years, and many operations have not yet reached the level of proficiency. It is conceivable that medicine is complicated. Li Liang looked at the electric knife in the display and cut slowly. The knee joint was too complex for him to understand. If the assistant was Lao Gao, she would discuss with Zhang Fan why?

Repair the ligament. At present, there is still a debate in the medical community about whether to suture the posterior cruciate ligament, but it has been proved that it must be sutured in the future. This is the advantage, this is genius!

The operation was slow but smooth. Hemostasis, pressure bandage and plaster, and Li Liang will complete the follow-up work“ Brother, this operation is too difficult. I didn't understand what I did today. I saw you cutting and sewing. I really didn't understand. ”

"Well! This operation must first engrave the structure of the knee joint in the brain, and then understand the stress habit of the patient's knee joint. It's a little difficult. Take your time! Don't worry. " There is really no good way and system in this process. You can only fill it with your own efforts and time.

If Li Liang works hard, he can still enter a large class III hospital. He may be able to do this operation when he is about 35 years old. Although he can't reach Zhang Fan's level, he can also achieve general recovery. But if he wants to reach Zhang Fan's level in this era, he has to go to the most advanced hospital and let you do it, At least you have to be around 50 to reach this level.

Cruel, medicine is so cruel. When technology is successful, doctors are old. Young scholars in many disciplines can make some achievements at the age of 30, but medicine can't. They don't start until they are 30.

Those doctors who are extremely tired in major hospitals and sleep on the ground of the operating room are not a show. In fact, there are more pitiful things that can't be known by laymen.

Some of the photos passed out are just rare. Yes, the current medical treatment in China is discontented, with all kinds of disadvantages and hidden rules, but are these things that doctors can decide? We can't deny those doctors who have worked hard and survived the liver because they can't change the reason. They work really hard.

Was SARS terrible? Laymen only know that they will be infected and fatal, but when those doctors with families know that they may die when they go in, they write wills one after another and walk into the epidemic area without hesitation, are they afraid? He is not afraid of fools.

After SARS, the reward for doctors who have entered the epidemic area is the children's college entrance examination plus ten, which is very precious! The child's parents bought it with their lives.

No doctor said he took off his coat and quit! No, If the doctor doesn't die of this epidemic, who will die! It's really not easy for employees in national special industries. Many things inside can't be decided by people in the industry.