

Chapter 254

When seeing the child's injured finger, Zhang Fan and Lao Chen can't help but not breathe the air conditioner. The skin of the fingers at the end of the thumb and index finger bloomed like a black chrysanthemum, and the two fingers were open. To say human words is to burst the skin at the fingertips without saying, and the red muscles are open like a string. After the cotton on your fingers was removed, the blood began to flow!

When exploring the wound, the child cried bitterly. The child's father held his child tightly and grasped the other hand. The mother shed tears and helped compress the injured hand.

"Did the child put a cannon or a detonator! Why is it so serious! "

"We were busy cooking. One didn't notice. The child lit it with a firecracker." The child's mother has been speechless. Although Zhang fan does it very gently, she can connect her fingers, mother and son, and the baby is crying. Can she feel better. The child's father spoke with red eyes.

Today, if an adult had done heavy work, it might not be so serious. The child's skin is thin, and the gun battle is directly cracked in his hand. If this power is a little more powerful, he may directly blow up his fingers!

In micro orthopedics, this kind of injury is independent. It has a big name, destroy injury! If the incision is straight, the difficulty is nothing. For example, the operation performed by Li Liang is dangerous. In fact, as long as the action is rapid, the replantation survival rate will be very high, and it can almost recover to about 80% of the original function in the later stage.

But the child's is much more serious. Although there is such a little place at the end of the finger, the skin has been damaged, the injury depth of the muscle layer is also very deep, and white bone can be seen. Moreover, it is still the thumb and index finger of the right hand. Without skin, the end of the finger can not be retained.

You can imagine how cruel a person is without his right thumb. If you don't have a thumb, you can directly assess your disability, and then you can have a book, disability certificate! And this doll is only six years old, how gloomy life will be in the future!

Although the child is crying, the child's parents and grandparents guarding the door have no words to stop it. It's okay to cry and pain, as long as they can keep the child's fingers!

Looking at the child's fingers, Zhang Fan has conceived the treatment method in his mind. Although it is very serious, it is nothing for a systematic person.

"Doctor, please, the doctor of the traditional Chinese medicine hospital told me that only here can save the child's fingers. Please, we must save the child's fingers!" When the child's mother saw Zhang Fan silent, she collapsed directly. The original repressed crying was like the release of the sluice gate, and the torrential flood surged out directly.

"Ow! Oh! " The cry was like a desperate female wolf, and her trembling hands were stained with the blood of many children! Although the child's father didn't cry, he stared at his red eyes and tears ran down his face.

Lao Chen wanted to speak, but he was not sure. He opened his mouth, but didn't say anything. He looked at Zhang Fan " Save! " After that, Zhang Fan said to Lao Chen, "prepare for the operation."

"There is salvation." These words, like the sound of nature, directly made the child's mother sit on the ground with her tight body soft. When she was in the hospital of traditional Chinese medicine, when she heard from the doctor that she needed to amputate her fingers, her world directly became gray, desperate and helpless!

Thanks to Zhang Fan's salesman's Kung Fu, they have run to the traditional Chinese medicine hospital and the municipal hospital countless times. Otherwise, the family will not celebrate the new year in the future~

This kind of injury is not just a general broken injury, it is a compound injury. The huge energy not only damaged the skin and muscles, but also burned the surrounding skin and burned to death. It's so cruel and serious.

When Zhang Fan said "save and prepare for the operation", Lao Chen was like a resurrection. Lisuo began to command, "what to cry? Now is not the time to cry. Hurry to sign and pay the fee to prepare for the operation. Who, who, push the C-arm to operating room 2. Hurry up! " Like the head nurse, he began to be busy.

Seeing the fog, the parents looked at Zhang Fan with gratitude. When Zhang Fan came out of the disposal room and was ready to enter the operating room, although the two old people waiting at the door did not dare to interfere with Zhang Fan, their trembling lips and expectant eyes were with tears, poor expression and white hair!

"Don't worry, old man, it will be fine!" Zhang Fan, who had already passed by the two old people, turned his head and said! Everyone has a heart of compassion, but with time and age, this heart is getting

harder and harder!

During the operation, the head nurse of the operation comforted the child gently! This is the advantage of women. If Zhang Fan is asked to comfort the child, it is estimated that the child will cry more. Why? I guess it's because it's dark!

Because he left his parents, maybe he was afraid. Although the child didn't dare to cry loudly, his body and trembling limbs were like a wounded deer facing a group of hungry lions!

"What a pity!" Lao Chen looked at the child. Maybe he thought of his child and said with a little pity.

Zhang Fan turned his head and took a look. The child didn't speak. At the beginning of anesthesia, if the skin is not damaged, this kind of operation is directly debridement under local anesthesia. It is a very simple operation. But it was because of the skin damage that suddenly raised the difficulty level of the operation by N levels.

After anesthesia, start debridement. This injury can almost be regarded as a firearm injury. Wash first, and start washing with a large amount of isotonic saline to blow up the free tissue (rotten meat) in the wound. Rinse it off, and then gently remove the superficial gunpowder particles around with a sharp knife.

"Tourniquet!" When clearing, Zhang Fan didn't put a tourniquet on, because Zhang Fan needed to know that there was no bleeding in that place, and that local tissue had been inactivated.

Today's operation, Lao Chen is Zhang Fan's assistant, and everything is going on in an orderly manner. The operation area is not big, but the place is too important. It's really speechless. Even if you blow up the palm of your hand, you don't have so much trouble. It's a big deal to do a skin graft, but the general skin graft in this place is directly useless. The blood supply at the end of the limb is not good. If you let such a bombing directly blow up the circulatory system here, even the skin graft will not live.

The key point in the early stage of this operation is flushing, thorough flushing, and then complete removal of inactivated tissue. If this tissue is not cleaned up, it will be a scourge, a scourge of infection. Generally speaking, it is equivalent to burying the rotting meat in the body.

After these treatments, it is the first step. The next step is the most important. How should this operation be done? Without blood vessels and skin, there is no way to deal with routine surgery.

Because he was a child, Zhang Fan chose cross arm flap transplantation. What does it mean? It means to design a flap at the appropriate position of the child's contralateral upper arm or forearm. What is a flap? A flap is formed by a skin with blood supply and its attached subcutaneous adipose tissue.

Simply put, it is to find a suitable place on the opposite arm, and then open the skin and muscles, find a place with thicker muscles, together with the skin, muscles and blood vessels, and trim them into a defect.

Then sew this tissue with the child's finger. The trimmed tissue is not completely separated from the original place. Sew it on the child's finger. The nutrient blood vessels of this piece continue to be supplied by the opposite arm, and then separate after the transplanted blood vessels grow.

After the operation, it seems that the child's two fingers were sewn directly into the opposite arm.

Because it's a child, Zhang fan does very carefully. The child is growing and developing continuously. If the operation is not done well and the choice is not good, it will directly have a functional impact.

The design of this flap is very particular. Although the rough doctor saved the finger after finishing, it is too ugly. It is directly like a meat tumor on the finger egg because of the poor design.

Why the design is not good, because there are few operations. It's not that the doctor doesn't care. This is not difficult for Zhang Fan. I don't know how many times I have practiced in the system.

Slowly open the deep fascia of the opposite upper arm, thin and stop bleeding, and then gently transplant the repaired flap to the child's wound. This operation is really embroidery. The wound is too small. Zhang Fan bowed his head and directly blocked the vision of others. Lao Chen bent his waist and took time to suck blood and wipe it.

The built tissue is connected to the original tissue, which is the channel to ensure the resurrection of the child's wound. After repair, Zhang Fan quickly and continuously everted and sutured. Directly buried the child's two fingers in his left upper arm.

Before bandaging, it looks like the child made an OK posture with his right hand, but the thumb and index finger are extended into the meat of his left arm.

Although the operation is difficult to do, Zhang Fan's speed is too fast compared with Li Liang and Song Bing. When Zhang Fan and Lao Chen began to press and bandage, Li Liang and they were still doing the third finger!

Gently put cotton between the injured hand and left arm, then fix it with adhesive tape, give the child a beautiful triangular towel and hang his right hand.

The operation has not been completed yet. The pedicle can only be broken after two to three weeks and the wound survives. Although it took a long time and was uncomfortable, the family did not spend the Spring Festival in the dark!

After the operation, Zhang Fan stretched his waist. It has been more than two hours. "After going down, you must tell your parents to take care of your child. The child is young and doesn't understand. If one accidentally breaks, it's over. The doctor in charge should also worry about the stability of this cross arm."
"

"OK, I'll take care of the bed myself. Go back early, master. It's almost eleven o'clock."

"Don't worry, just wait for Li Liang and them to have an operation and have a big dinner together. Are you ready? "

"Yes, I have prepared a lot of quick-frozen dumplings for the doctors and nurses on duty. They will simply be lively together later!"

Outside the operation, the child's family and the middle-aged woman's family stayed quietly in front of the operation door, with the same anxiety and worry. The sound of firecrackers from a distance was so harsh and irritable for them!

In Lao Chen's house, his wife and children looked out of the dark window, "eat, your father may be having surgery again! Alas, there is no time to rest all year round. "

At Shaohua's house, Jingshu is bored watching the Spring Festival Gala. The old man has been watching in the community for several times.

"Eat! I don't think we can come. Let's eat and wait for him. Come on, Jingshu, I'll pour you a drink. " Shao Huaqiang said with a smile. Why not call?

It's very simple. If the doctor goes to the operation, the family doesn't have a big deal. Generally, they won't call! Unless the doctor calls home himself.

In the lights of thousands of families, the personnel in these special posts are still continuing their daily work.

Spring is coming~