

Chapter 186

In any case, the disadvantages of poor English are still reflected. The foundation has also passed several rounds in the past two years. It can be taught by self-study and teachers. There is really a difference. If you don't understand something in college, you can ask the teacher. And self-study is not enough. You can only grope for it by yourself. However, self-study also has the advantage of deep understanding and strong personal opinions.

Not to mention English, it lacks environment, and Zhang Fan doesn't care much about it all the time. Two years with the wind and water, director Di of Endocrinology suddenly woke up with a basin of cold water. A college student, an ordinary college student, should be proud to have a car and a house in less than two years, but is Zhang Fan ordinary? Not ordinary, so at this moment Zhang Fan quickly threw away a little pride that had just sprouted. The road is still long!

Endocrine is too complex. A disease is a research direction. It is an integral and decentralized department. Breathing, digestion and heart are conditioned and continuous from top to bottom. Knowledge points are coherent and interrelated, but endocrine is not jumping, and each secretory organ has its own set of operation procedures and functions. It can be said that an organ is actually a separate subject.

Although the journal given by director Di to Zhang Fan is not one of the top journals in the world, there is still some professional depth of Endocrinology. Zhang Fan has no time after half of his liver. Language is really a stumbling block in a discipline. Zhang Fan spent three-quarters of his time translating, and he didn't really study much. The study of foreign books and periodicals finally made Zhang Fan decide to conquer English!

At the weekend, Zhang Fan and Shao Hua finally took time to stroll the street for three or four hours. "You're a little too hard. You don't drink much tea and coffee at ordinary times. As a result, I found that most of the coffee and tea I bought for you went down yesterday! This really doesn't work. You're a doctor yourself. You should know very well. "

"Time is a little tight, and the journals are all in English. There's really no way. Hey! I regret not having had it! "

"What's the matter?" Zhang Fan successfully diverted Shaohua's attention. He also knew it was bad, but what could he do? This is not a matter of competing with anyone, but Zhang Fan competing with himself again!

"I didn't study medical English in college, but now I don't even have information books to find a

professional point. This medical word is too lame. Sometimes there are only two words in a paragraph, and there is no corresponding translation for these two words! "

"What should I do?" Shaohua nestled in Zhang Fan's arms. The weather became cold and their relationship became closer and closer. Now Shaohua can barely agree with Zhang Fan to touch and cough! Please brain tonic for details!

"There's no good way. I can only check the data little by little. How are you reviewing recently. Don't put too much pressure on yourself. Just take the test if you can. Even if you can't pass the test, my ability to support my family is still OK. " Zhang Fan smelled Shaohua's hair, a faint smell of lavender.

Lavender, usually said on TV that the Netherlands or Finland, has a large area of lavender, which is particularly beautiful. In fact, it's the photographer's high level. It's true that a large area of lavender is in Teasu City, a lavender planting base of thousands of mu. When lavender blooms every year, the blue and purple flower field breeze blows, just like the waves in the sea of flowers. Wearing a white dress and a light yellow straw hat, it's super beautiful to stand in the sea of flowers! Shao Hua has such a picture, which is extremely beautiful. People hold the scenery, and the scenery shows people. The mountains and rivers in the frontier are so charming!

The essential oil and essence of lavender in the mainland do not know how to make it look good, but it is still good in tea city. The consumption of perfume in some Stan countries is very large.

In particular, in recent years, the strength of the Chinese nation has increased, and many businessmen have gone abroad to do business. The lavender essence of tea city has made the Russian flavor out of Stan five countries. I didn't dare to think of such a thing before!

In the mainland, you can't feel the strength of a country, but in the frontier, you know how strong the country that protects you is. A large number of products were sent abroad from the port, while the five countries of Stan could only exchange natural minerals.

Zhang Fan doesn't know much about other products, but Zhang Fan knows something about medical treatment. Stan five countries even the most basic sugar and salt water are imported from China, not because they can't produce it, but because China is cheap! The country is slowly infiltrating, the economy is in the front, and the culture is in the back!

The girls in tea vegetable city use more or less things made of lavender, such as pillows, quilts and sachets. The strangest thing is that there is a minority in the tea vegetable city. When they entertain distinguished guests, they even put pollen on them.

When Zhang Fan first ate pollen, he thought it was sesame. This pollen looks very similar to sesame.

Take a hot bag, dip it in butter and then dip some pollen. When eating, the taste is different from sesame. The aroma of oil and pollen are mixed together. It is especially delicious. The more you chew, the more delicious it is.

"Don't worry, there's no pressure. Just flip through the books and keep a consistent thinking of professional knowledge. There should be no problem signing up for the exam next year! ~" Shaohua said proudly.

Reading and learning should emphasize hard work, hard work and learning methods, but sometimes we have to admire some people with learning talent. The efficiency is really too high. Zhang Fan has no talent in learning, but his liver is good!

After a rest afternoon on Saturday, Zhang Fan's weekend is over, because he has to go to the county for surgery on Sunday. This time, he doesn't have to go to the distant county, just in the surrounding counties. Elective surgery is generally laparoscopy.

In the past, county hospitals could also do operations such as appendix and gallbladder. Since the popularization of laparoscopy, these county-level surgeries have almost no operations to do. Once the patient hears that he is open for surgery, he can leave directly without transfer.

In the morning, I had three operations in the county. After that, it was more than two o'clock in the afternoon. I didn't even drink a mouthful of water. I hurried to the tea vegetable City, because Wang Yongyong was leaving the hospital today. The recovery is good. After all, he is still a young man with strong body. Zhang Fan wants to explain some matters about later recovery, and then do a physical examination after discharge. After all, athletes are different from ordinary people, and their injuries are more serious.

Although we can't use force now, the swelling has subsided. Wang Yongyong sat in a wheelchair and thanked Zhang Fan and Ma Wentao. Now is not the time for advertising, but all the photos in the early stage have been taken for comparison with those after recovery. Ma Wentao's years of studying abroad are not in vain.

On Monday, the endocrinology department began its ward round. All doctors, interns, interns, transferred and in the Department, began ward rounds under the leadership of the director and several vice senior officers. This moment is the moment Xueba looks forward to and xueslag is most worried about. Ward by ward.

"Six beds, male, 22 years old. With unexplained polyuria, he was admitted to the emergency department of our hospital and transferred to our department. After perfect examination, the patient was preliminarily diagnosed as diabetes insipidus. " The doctor in charge of the six beds introduced the condition to the doctors in the ward round.

"Wang Xiaoyan, go and do a physical examination for this patient." Director Di started the exam. Wang Xiaoyan graduated from Tianjin University Medical School. I don't know why she didn't go to graduate

school, but she has a solid foundation, and her score in the medical practitioner examination last year was only about 50 points lower than Zhang Fan.

Physical examination, pay attention to a sequence. From top to bottom, from front to back, a confused physical examination is not only easy to omit the system to be examined, but also easy to toss the patient. Therefore, a qualified physical examination is exquisite, rather than unchanged according to the statements in the books.

Wang Xiaoyan skillfully reported while checking, "the patient's bilateral pupils are equal in size and circle, and no obvious abnormality is found. No obvious swelling of neck lymph nodes and no obvious abnormality of heart and lung. There is no tenderness or rebound pain in the abdomen, and there is no obvious abnormality in both lower limbs. " After about five minutes, the inspection is over.

Director Di nodded and couldn't find any problems. When Wang Xiaoyan returned to the team, she took a special look at Zhang Fan. This is not a provocation, but a competition of technology and morale.

"The thirteenth center is that organ." Director Di turned to ask another transferred male doctor. The male doctor has not entered the state, and this question is too biased, although these particularly biased questions will not be tested in the exam.

But this is a hospital, facing people rather than machines. The negligence of a problem may cause irreparable damage to patients, and the human body is a whole. No matter how biased the knowledge points are, we should learn and understand as much as possible. Maybe we will encounter this rare knowledge point on that day.

"Well! Sorry, I don't know. " Director Di is a little better than Ouyang, but she hurts people a little. She can't see a subordinate doctor, and she will ignore it directly.

"Well, go down and read well." In a simple sentence, he didn't say anything about the doctor, nor did he punish and criticize him, but the transferred male doctor was more uncomfortable than being punished ~! The same young people, the same undergraduate graduates, also hope to get the attention and attention of superior doctors.

Failure after work, failure of different schools, school failure, you can come again, and make-up exam! After work, a failure may be the loss of an opportunity, and he has no second opportunity to transfer to endocrine, so the failure should be taken early!

"Dr. Zhang, you said." Director Di turned to look at Zhang Fan.

"Hypothalamus."

"What is the nature of the patient's urine? How to rescue it."

"Low permeability. Replenish water and antidiuretic. If necessary, take hormone treatment in time. "

"There are several theories of primary diabetes insipidus." Director Di continued to ask, this problem is beyond the outline, let alone transfer to a doctor, that is, the endocrine indications that don't study hard may not be able to say.

The difficulty of internal medicine is here. The predisposing factors or causes of many diseases have not been studied clearly, and the internal medicine doctors in major hospitals will make a guess or hypothesis about this disease.

Then clinical doctors, according to these ideas, go to the corresponding treatment, because these assumptions are called assumptions because they are not common or uncertain.

In scientific research, you can try one by one and study one by one, but not clinically. The patient is already lying in the hospital bed and has no time for you to study. You have to treat others.

What should I do? It's time for doctors to consider which theory the patient's symptoms are more similar to according to these assumptions. Although an experienced doctor can't determine the cause, he can treat the symptoms according to the symptoms. Even a doctor has to think about and study this technology for more than ten years.

"Professor Jerome P. Kassirer of the Massachusetts Medical Society once put forward three theories. Chinese experts have subdivided these three theories. At present, the mainstream saying is three items and five articles. Generally, the lack of the third AVP (antidiuretic hormone) is the main mainstream." Zhang Fan replied.

This is the knowledge that Zhang Fangan got after a week. Not to mention the internal medicine books, it is not necessary to read the postgraduate teaching materials. After all, this has been transferred from clinical to laboratory.

"Listening to your spoken English is too bad. If I hadn't listened carefully, I would have thought you were speaking Russian." Although it was criticism, director Di said it with a smile. She could see that Zhang Fan had made efforts. This knowledge point will be ignored if you don't study it seriously, because it's too small.

When Zhang Fan finished, Wang Xiaoyan bit her lips because she didn't know that the director was not eccentric, but the director wanted to weigh Zhang Fan. Zhang Fan is already very famous in the level of hospital director.

Continue the rounds, questions. Interns and interns have little pressure, because the director is easy to talk. He doesn't say anything even if he can't answer! They haven't realized that this is an opportunity. If they perform well, it will be very helpful to employment in the future. It is estimated that most of the students who give up the bird market and come to tea vegetable city for internship and internship intend to graduate and work here in the future.

Some transferred doctors who want to stay in endocrinology are the most stressed. There are few opportunities. Once you can't grasp them, you will lose them. Life is the key steps. If you go right, maybe the road in the future will be smoother.

One morning passed, Zhang Fan and several transferred doctors who wanted to stay in endocrinology didn't feel that time passed so quickly. Director Di's question is too tricky. He should not only have a lot of basic memory, but also have his own ideas.

What do you think of a transferred doctor who has just been employed for two years! But the old lady can find out whether you have intention from your little ideas or opinions.

It's too difficult. Zhang Fan and several people racked their brains to answer questions. In this way, many questions are vague. This endocrine is really too difficult.

At the end of the last patient's ward round, director Di stood at the end of the corridor, surrounded by a crowd of white coats, tall or short, male or female, to sum up.

"The most patient in our department is diabetes. The most closely related to diabetes is insulin. Who will tell us about the pancreas today? Give us a lesson. Don't come up if you're not sure." Director Di stood in the middle of the crowd and said that she was obviously fanning the flames.

After several hours of rounds, Zhang Fan and Wang Xiaoyan were the most prominent. They didn't make any big mistakes. They were equal. Wang Xiaoyan has outstanding personality, good study and strong personality. In the field of internal medicine, she must suppress Zhang Fan, a surgeon. This is not a person, but an attitude and spirit. A group of transferred doctors in internal medicine let a determined surgeon shine in internal medicine. Others don't know how to feel, but she can't stand it.

"Director, I'll come!" Wang Xiaoyan looked at Zhang Fan and stood out.

"Well! OK, let's talk about it, Dr. Wang." Usually it's Xiao Wang. Now it's Dr. Wang. At this moment, director Di has recognized Wang Xiaoyan, and Wang Xiaoyan has a position in endocrinology! This is the characteristic of the technical unit. Technology speaks.

Director Di took a look at Zhang Fan when he gave way to position C. Zhang Fan's character is very contradictory. When he can't retreat, he can burst out endless courage, but he doesn't love performance very much at ordinary times. This is his character. There is no good or bad.

Director Di's question is very broad. If a knowledgeable endocrinologist talks about pancreas, it's estimated that one day is not enough. It's estimated that Wang Xiaoyan can't finish talking for an hour or two, so we need to find the focus and advantages to talk about. What is Wang Xiaoyan's focus and advantages, that is, the biochemistry, pathology and physiology of islets.

"The pancreas is a complex and simple organ. The main tissue cells of the pancreas are composed of Langerhans cells ~ ~ ~" after 20 minutes, Wang Xiaoyan explained the pathology and physiology of the

pancreas thoroughly. This is her ability to explain the function and structure of the pancreatic tissue so clearly.

"Yes, it's very concise, but it can show us the world of pancreas. Yes." With that, director Di looked at Zhang Fan opposite and said, "Doctor Zhang, go up and talk about it, too. Talk about your understanding of the pancreas. "

Wang Xiaoyan looked at Zhang Fan with provocation and expectation in her eyes. She also wants to hear Zhang Fan's indirect to the pancreas, and most importantly, she has finished the foundation of the pancreas. She doesn't know what Zhang Fan wants to say.

"He won't repeat what I said again!" Wang Xiaoyan is a little proud. After all, she is still a young man.

"Well!" Zhang Fan really has nothing to say. Wang Xiaoyan explained it very well. Zhang Fan opened his mouth and wanted to say: when Dr. Wang said everything. He saw director Di's expectant eyes and Wang Xiaoyan's somewhat provocative eyes.

Zhang Fan bit his teeth and went up. When she was wrong with Wang Xiaoyan, Wang Xiaoyan said quietly, "pick up people's teeth and wisdom."

Zhang Fan ignored her and didn't care about the little woman! And Zhang Fan didn't intend to repeat what she said. It's unnecessary. Since he came up and didn't put something down, he was still a man!

"Dr. Wang spoke very well and let me understand a lot. Dr. Wang's Micro understanding of the pancreas is quite thorough, and I have nothing to add, so let me talk about macro things." Zhang Fan said.

As soon as this was said, other people didn't have any ideas, but Wang Xiaoyan was a little uncomfortable. "Unexpectedly, he said that my vision was narrow!" This is Xueba. We can draw inferences from one instance. It is unknown whether Zhang Fan has this meaning.

Director Di also looks forward to Zhang Fan with interest. Some interns and interns below are a little impatient. It's very simple. They don't understand some of the knowledge Wang Xiaoyan said!

"The pancreas is located deep in the abdomen and cannot be touched from the body surface. It is in the twelve intestines in a C-shaped state, with the tail extending to the left and close to the spleen."

"Who doesn't know!" Wang Xiaoyan was a little disappointed. Xueba's world is incomprehensible to ordinary people. She looks forward to Zhang Fan's extraordinary performance, but she doesn't want Zhang Fan's performance to surpass her.

After a brief introduction, Zhang Fan began to introduce the anatomy of pancreas in detail. Zhang Fan said in particular in detail from the normal vessel to the abnormal variation, from the opening of the pancreatic duct to the special variation of the bile duct and pancreatic duct.

Not only Wang Xiaoyan was surprised, but even director Di was a little impressed. Zhang Fan explained too carefully. The shape of a pancreas, from normal structure to abnormal structure, can pick up almost all the things in the current literature. It's too skilled.

Of course, proficient. Can a general foreigner who has been in the liver for more than a year not be proficient! Now it's more than enough for Zhang Fan to go to college and give students anatomy classes. This is not enough. After talking about the normal function, Zhang Fan continued to talk about the particularity of some abnormal functions, together with how to treat them.

The best treatment for abnormal shape is surgery. It is useless to take medicine for the finalized organ shape, so Zhang Fan began to show off his skills involuntarily. Usually, there are few such Zhang Fan who can't stop the car.

First of all, Wang Xiaoyan said very well, and then the endocrine of the liver for a week made Zhang Fan experience a lot, so he couldn't help it. He wanted to combine the knowledge learned in the system with his own experience.

With that, there are few people who can understand below. Continue, "when the pancreatic endocrine tumor presents a cachexia state, the resection methods during the operation can be divided into three types, one is ~ ~ ~" I can't understand it completely, even director Di can't understand it, because the difficulty of the operation, let alone in the tea market, even in the capital, few people can do it.

Zhang Fan was so excited. He was so excited that he integrated his experience into the systematic knowledge. Those vague knowledge points in the past suddenly seemed to have been stripped of the veil and had met naked.

This is the promotion, a promotion of self. This promotion is better than the promotion of system blessing. After all, the most powerful thing in the human brain is fuzzy thinking. This way of thinking is very suitable for exploring unknown knowledge.

Once the foundation is solid to a certain extent, quantitative change reaches qualitative change, which is the improvement of quality. For the understanding of pancreas, Zhang Fan has become a great master of pancreatic surgery.

Talking about sex, Zhang Fan ignored the time and place. Half an hour, one hour and two hours passed. Ren Lina, who has experienced many years of standing skill training, couldn't stand it.

Although I don't understand Zhang Fan's knowledge, I can also hear that this is not nonsense. What is an intellectual? The least thing is to respect knowledge. At this time, Zhang Fan has no one to disturb. If a pancreatic surgeon hears it, it will be amazing.

Finally, two and a half hours later, Zhang Fan finished, and then suddenly felt something. He looked at everyone with an embarrassed face.

Doctors including director Di also looked embarrassed because they didn't understand! Director Di coughed, cleared his throat and said, "yes, Dr. Zhang has solid surgical skills, but he's a little off topic. Pay attention later. All right, disband. "

Director Di, who returned to the Department, sat down on the sofa and rubbed his legs, "Hey! My old legs! "