

Upper Limb Robots Help Patients with Rehabilitation

By Mao Xinhui

On the morning of April 11, Per Herloev was carefully operating a mechanical arm, trying to catch the egg from the screen and put it into a pan at Shanghai No.1 Rehabilitation Hospital. Such an action which seems so easy is not easy for Herloev at all because it requires enough strength of his arm and also the control accuracy of his fingers. Herloev is Danish. A stroke paralyzed one side of his body three months ago.

Herloev was very engaged to the exercise, sometimes very intensive and sometimes relaxed with a smile. "It is just like playing a computer game," he said. The upper limb rehabilitation robot Herloev was using is interactive equipment that the hospital has newly introduced. The patient can get visual feedback from the computer screen when he does the exercises, which can improve the exercise effect. This robot can offer small games of different difficulty degrees, including moving apples, catching snow and

hitting pheasants, which will gradually improve the function of the upper limb of the patient through playing games. Obviously, Herloev's exercise has come to the "senior" stage.

Advanced equipment will definitely improve the rehabilitation effect. The psychological status of the patient is also very important. "He is very active. His mindset is very stable. We seldom see a patient who will come for daily training for so long," said Wu Yuedi, chief physician for Herloev. "Many people will just quit when they get a little improvement."

When Herloev came to the hospital for treatment in January this year, one side of his body was paralyzed and he could only slur. His memory was decaying slightly. Since then, Herloev would come to the hospital from Monday to Friday for rehabilitation exercises with very tight schedule. He would do electrical stimulation with his throat, punctuation; loosen his joints, lingual exercise, memory exercise and comprehensive limb exercises, etc. From

passive training at the early stage to active and collaborative exercises at the later stage, Herloev would exercise almost four hours a day."

Different from people's imagination, a patient that could not move in paralysis would have the chance to go shopping, eat by themselves, take care of themselves and have a quality life according to the experts. "We as professional doctors will work out a series of rehabilitation plan for our patients from physical, psychological and lingual aspects. Additionally, it is a long process for rehabilitation from stroke. Patients should be patient and confident throughout the process and be positive," said Wu Yuedi.

Sometimes, Herloev would be impatient about the repeated exercises and become restless. Herloev's wife has been always on his side, sending him from their home in Pudong to the hospital, staying beside him and encouraging him all the time. Herloev will retire in six years. "I will keep on exercising until I can move around freely and go back to work," said Herloev.

Tongji University Opens First Overseas Campus in Italy

By Zong He

Tongji University has recently held the opening ceremony for its Florence campus, the first campus that Tongji has opened overseas, also the first campus that a Chinese university has opened in Italy. According to related principals of Tongji, the university will vigorously develop overseas study projects, which is a requirement and also an important content of school internationalization. It is also an important approach to improve student's international competitiveness, innovation, and develop cross-cultural high-level talents. As the first overseas campus of Tongji, Florence campus will actively explore a sustainable education mode with a vision; dedicate itself to developing more interdisciplinary classic courses. The campus will be constructed into a brand of overseas study for Tongji by making the best use of internationalized educational resources and renovating the development model of talents.

Florence campus of Tongji is a joint project of four parties, including Tongji University, Florence City Government, Tuscany District Government and Italian Ministry of Environment. The campus will focus on vacation courses, short semester, and short-term trainings. It will gradually develop semester and school year programs. In 2014, the campus will carry out study for college students majored in design and renovation, further study for teachers, training for high-end talents, cultural and academic activities as planned for students' education, teachers' communication and subject construction. The first batch of

29 students that have been recruited from 10 universities in China are studying on the "2014 Tongji University Florence Campus Spring Semester program". This is a joint program organized by Tongji University and China Education Association for International Exchange.

The campus will be the official representative office of Tongji University in Florence with the purpose to coordinate and promote cooperation with universities, institutions and enterprises engaged in design creation in Italy. Tongji University will carry out multi-layer and extensive educational communication and cooperation by making the best of its advantages. It will also develop and expand cooperation between China and universities, governments, cultural organizations and industries of Europe based on the fact that Florence is the birthplace of the Renaissance and the characteristics of Italy and entire Europe in terms of culture, art and design centers. The university will develop and expand opportunities for its own students and student from other Chinese universities to study overseas. The campus also aims to serve as a platform for scholars, politicians and business leaders from Asia and Europe to communicate. The campus will host symposiums on Chinese politics, history and cultural topics so as to let the world learn more and better about China. It also encourages communication about Chinese technology, production and industrial design capability. The campus will demonstrate Chinese art & design, level of Chinese architecture subjects and educational achievements.



WEG to Start in End May

By Gu Tingting & Chen Fei

World Extreme Game (WEG) will be held in Yangpu from April 30 to May 3, which will feature the participation of almost 200 worldly top players from more than 30 countries and regions.

As the most famous extreme game in Asia, Kia WEG has been held in Shanghai for seven consecutive years since 2013. There will be five programs this year, including Aggressive In-Line, Skateboard, Bike, Motorcycle and Speed Rock Climb-

ing. Many worldly famous players will come to Shanghai, including Vince Byron, Andy MacDonald, Pierre-Luc Gagnon, Michelle Brooks and Yasutoko Brothers, etc.

There will have new items like Motorcycle Freestyle. Meanwhile, there will also show like Aggressive In-line Jump Platform, Skateboard Street Track and Motorcycle. Mat Hoffman, the legendary figure of BMX rider who is known as "Falcon", will also be participating.

There will be excellent entertainment performances at the game

venue. The audience will have the opportunity to get close contact with the players and join the creative design of skateboard panels. "Extreme Flash" Photo Contest will invite photographers from the country to submit their works.

The organizer of the event has kicked off "Skateboard Reborn Plan" as an environmental initiative, i.e., 100 old skateboards will be collected from nationwide and be made into an art work named "Win Wing" for exhibition when the game is held.

FFT Opens Wujiaochang Store

By Gu Tingting

On April 11, Shanghai FFT Information Services Co., Ltd. opened its Wujiaochang Store officially with the address on 155, Guanshan Road. It is the fifth store that the company has opened in the city.

In 2003, FFT started to operate a website which is an electronic bill payment platform to facilitate people to pay their bills. Now 4.5 million families are paying their utility fees and property taxes on the website. Many users choose to pay with FFT card. The store at Wujiaochang sells FFT cards and also provides other services such as VIP card application. The store will also offer integrated services such as card loss registry, password reset, etc. for the benefits of more users.

FFT card is distributed city-wide for people to use to pay for

their utility expenses and other daily expenses. It can be used both online and offline. It is very convenient for people to use it to pay for water, electricity and gas expenses, mobile phone bills without procedure fees. The card can also be used offline, in many stores and supermarkets, etc.

On the opening day, Mr. Chen who came to the store for some business said he pays utility expenses and mobile phone bills on the website of FFT every month. He would even do online shopping with FFT Card or go shopping in some large department stores by paying with FFT card.

According to top management of the company, there are many similar prepaid cards like FFT in the market at present. FFT will further improve its product quality and attract users with its services to facilitate people's lives.