

A NEW ERA IN PHARMACY "Robotic Unit"



In order to increase the consultancy service provided to the patient in pharmacy, to decrease the risk of wrong drug delivery, to provide rapid service presentation and stock control, "robotic quality pharmacy" models are put into service. With the "robotic quality pharmacy" model created with the latest technology in the field of pharmacy, the drugs are now supplied to the pharmacist by a robotic arm connected to the stand, where the drugs are placed in a special unit. Robotic pharmacy systems are used in abroad, especially in pharmacies which store a large number of drugs such as hospitals, but they are very new in Turkey.

It is not a system that will cause the pharmacists to lose their value; instead it is a pharmacy automation system that will help pharmacists. This system is installed on the computer in the pharmacy and can store up to 10 thousand boxes of medicine. The special unit in which the medicines are located is working with a robotic arm. In this system, the pharmacist welcomes the patient who brought the prescription, takes the prescription and enters it into the system. After this step, the desired medicines will be presented to the pharmacist by the robotic arm next to the unit at the back, without errors, without leaving the patient unattended. The pharmacist will give the medicines to the patient from here. In this way, it will be easier for pharmacists to manage the patients.

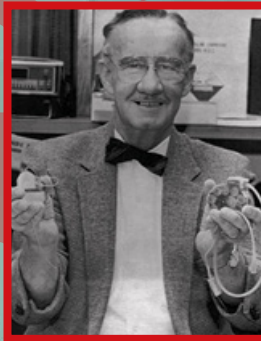
Did you know that ...?

- Coca-Cola was invented by a pharmacist named John Pemberton. It was first sold in Jacob's Pharmacy for 5 cents per glass.
- Benjamin Franklin was a pharmacist, while Agatha Christie was a pharmacy technician.
- According to Chinese legend, the benefits of acupuncture were discovered when a soldier who had suffered from a stiff shoulder for many years was cured when an enemy arrow hit him in the leg!
- It can take up to twenty years to develop a new drug.
- Insulin is one of the most common medications that cause adverse events.

- Ever wonder where the name Listerine came from? It's named after Joseph Lister who spread the word about using antiseptics in hospitals.



Accidental discoveries in pharmacy



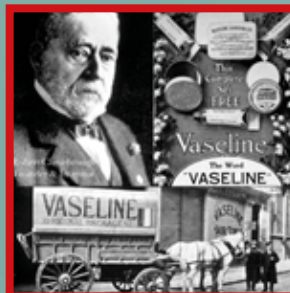
PACEMAKER

In 1956 Wilson Greatbatch thought he ruined the experiments when he used the wrong resistance in his circuit that he prepared to record the heart beats. He realized that the circuit signals looked like heart beats and he made an important discovery.

PENICILIN

In 1928, while Alexander Fleming was working in his laboratory, he realized that one of the samples was infected by fungi, and then the bacteria around this sample disappeared.

He started experiments with these fungi. He found that the diseases caused by the bacteria could be treated with the fungi. In this way, he unintentionally discovered penicillin.



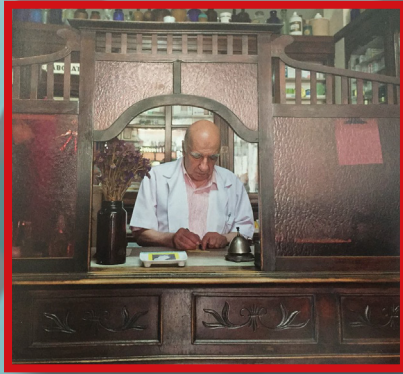
VASELINE

In 1872 Robert Chesebrough realized that the substance which he got by distilling petroleum, namely vaseline was good for wounds. He lived to the age of 96 and he ate every day a spoon of Vaseline because he thought that it was good for his health.

PHARMING

The Oldest Pharmacy in Istanbul

Yeni Moda pharmacy is a wonderful place that impresses you with its smell and history. It is more like a pharmacy museum. There is some wooden furniture and tools from the last period of Ottoman Empire to the first years of Turkish Republic. When you enter it, firstly you see a sideboard from 1902. Inside it, there are old medicine bottles and pill boxes. We carried out an interview with Melih Ziya Sezer who is running Yeni Moda pharmacy now.



Would you tell us the history of Yeni Moda Pharmacy?

Yeni Moda Pharmacy was established in 1902 by Faik Iskender. Its first name was Eczane-i Saadet. In 1928, its name was changed and became Yeni Moda Pharmacy. Now, I am running Yeni Moda Pharmacy.

What is the hardest part of being a pharmacist?

There are some challenges in each profession. In other fields, an error may not have serious effects on people. The most important thing in life is health. We have heavy responsibilities. So, doctors' mistakes can be corrected by pharmacists, but pharmacists' mistakes can be corrected by only gravediggers.



What do you think about pharmacy today?

In the past, doctors wrote prescriptions to the patients. Then, medicines were produced in pharmacy and formulas were recorded in recording books. Nowadays, medicines are manufactured in pharmaceutical factories. However, creating and producing something was the fun part of this job. Now, it's just like a trade.

You could have also established a modern pharmacy. Instead, you prefer to continue as a historical pharmacy. How do you feel about this?

My family really helped me a lot about this issue. We really don't care about appearance and what other people think. That's why, we didn't really like to change.

If you had a second chance, would you choose to be a pharmacist again?

If I could come back to life once more, I would like to live in the same way. I don't have any regrets. I met really good people that I learnt a lot from.

