



Deventer Hospital will administer medications seamlessly with MedEye

Deventer Hospital is the first hospital to roll out MedEye, an innovative solution that checks medications at the patient bedside before administration. International research has shown that errors occur when administering drugs in roughly one in five patients. This solution will allow the hospital to administer medication error-free.

Deventer Hospital handles about 250,000 drug prescriptions annually. The distribution of these drugs is monitored with digital systems to prevent errors. The hospital's use of an electronic prescription system is a key part of this process. MedEye will help nurses as a second check at the bedside.

The MedEye system is composed of advanced software and a 3D scanner. The nurse checks the medications prescribed and previously dispensed, removes the tablets and capsules from the package and puts them in the drawer of the MedEye scanner. By analyzing the color, size, inscriptions, structure and breakline of the medication, MedEye can see whether the patient is going to receive the right medication. The data is compared with that from the electronic prescription system. If MedEye shows a match, the nurse can safely administer the medication to the patient. The system has been tested extensively on a ward in Deventer and has found on average 3 to 4 medication errors per day. MedEye is an important way to close the medication and loop and increase quality. From the doctor's prescription, to dispensing, to administration at the bedside – everything is now digitally verified. Hospital Pharmacist Peter Wierenga of Deventer Hospital is pleased with this new addition: "The administration of medications is a people business. Nurses have an important role to play verifying drugs and MedEye is an extra check. Man and machine are close together for proper medication dispensing. "

Board chairman Gita Gallé of the Deventer Hospital believes that MedEye shows how quality can be improved by investing in innovation: 'Patients should be assured that their medication is safely prescribed and administered. MedEye helps stop preventable errors and is very important for us.' MedEye is developed by the Dutch-Icelandic medical startup Mint Solutions. "We are happy about this roll-out," says Gauti Reynisson, co-founder and CEO of Mint Solutions. "As one of Deventer Hospital's partners, we are eager to help in improve medication safety by providing a solution that can prevent avoidable medication errors."