

# SAVE THE DATE: 2019 FEBRUARY 9<sup>TH</sup> INCOMING IMPACTS FOR PHARMACISTS' DAILY LIVES



## A regulation to fight against falsified medicines

The production, distribution and sale of falsified medicines constitute illegal activities increasingly growing over the world.



More than **1 million people** die every year from counterfeited healthcare products.

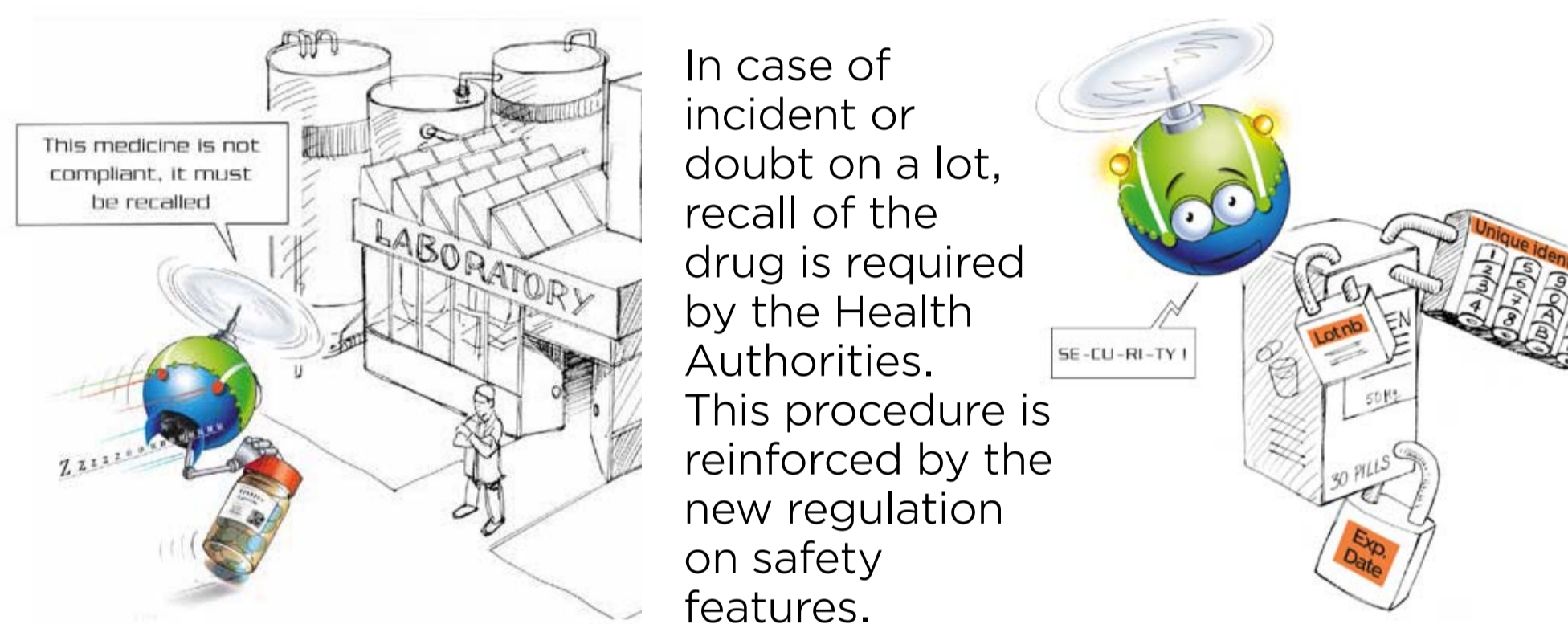
In some parts of **Asia, Africa and South America**, falsified medicines would account for more than 30% of drugs on the market.

It is estimated that **one out of every ten drugs** sold in the world is probably false.

About **50 % of medicines sold on the internet are fake drugs** (counterfeit drugs, ...)

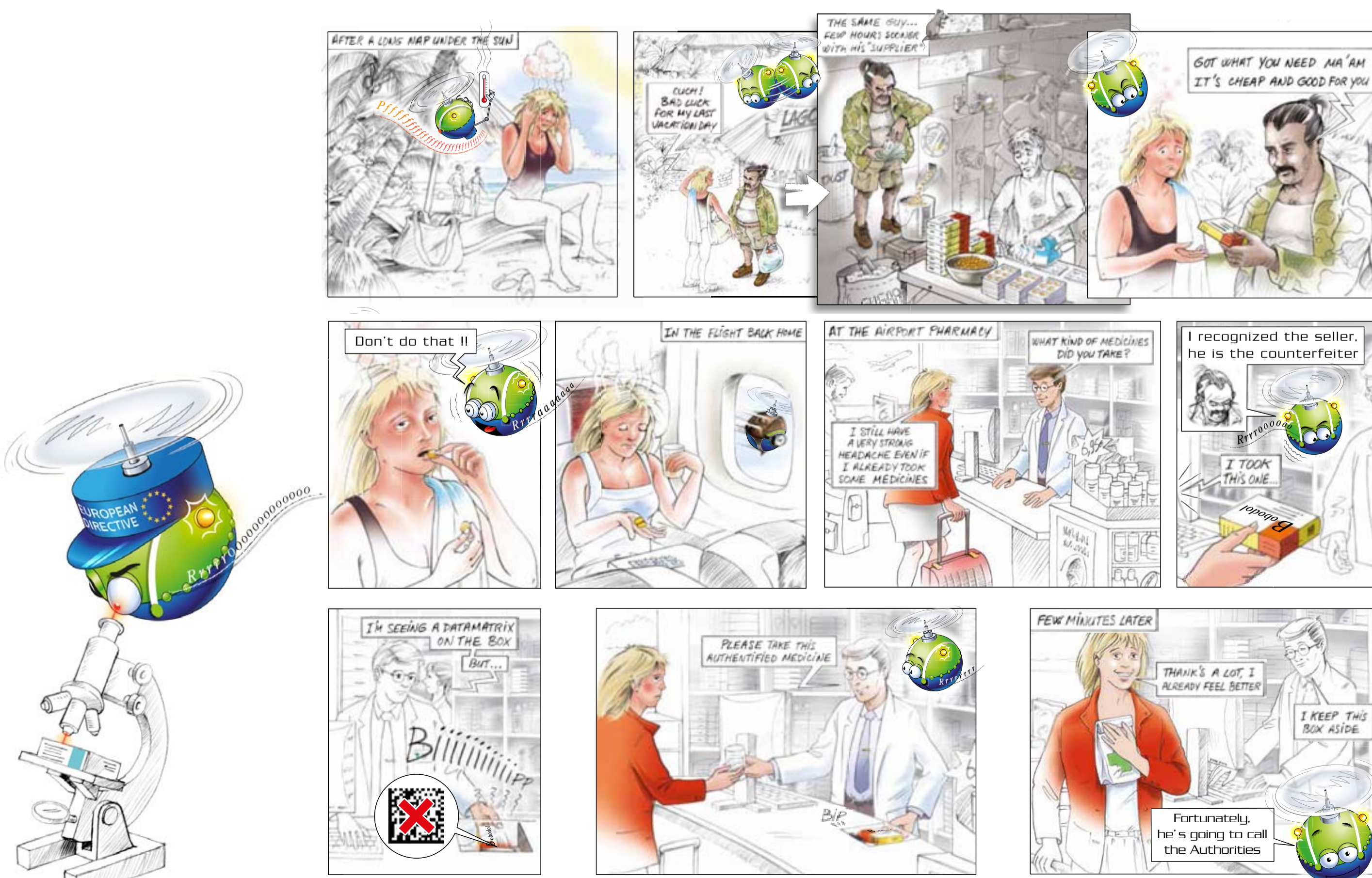
## A regulation to improve traceability of medicines

The new European Directive 2011/62 on traceability of medicines includes a unique identifier on the box in addition to the lot number and the expiry date. This helps ensure patient safety and facilitates drug recall procedures.



In case of incident or doubt on a lot, recall of the drug is required by the Health Authorities. This procedure is reinforced by the new regulation on safety features.

Recall can be done when non-compliance with the specifications described in the marketing authorization file has been detected or following the identification of a deviation from Good Manufacturing or Distribution Practices. These quality defects can be discovered by health professionals, pharmacists or patients, but also when controls are carried out for the market surveillance



After a long nap under the sun, she feels unwell. "OUCH! BAD LUCK FOR MY LAST VACATION DAY!"

THE SAME DAY... FEW HOURS SOONER WITH HIS SUPPLIER. "GOT WHAT YOU NEED AKA 'AH IT'S CHEAP AND GOOD FOR YOU!"

Don't do that!!

IN THE FLIGHT BACK HOME

AT THE AIRPORT PHARMACY

WHAT KIND OF MEDICINES DID YOU TAKE?

I STILL HAVE A VERY STRONG HEADACHE EVEN IF I ALREADY TOOK SOME MEDICINES.

I recognized the seller, he is the counterfeiter.

I TOOK THIS ONE.

I'M SEEING A DATAMATRIX ON THE BOX BUT...

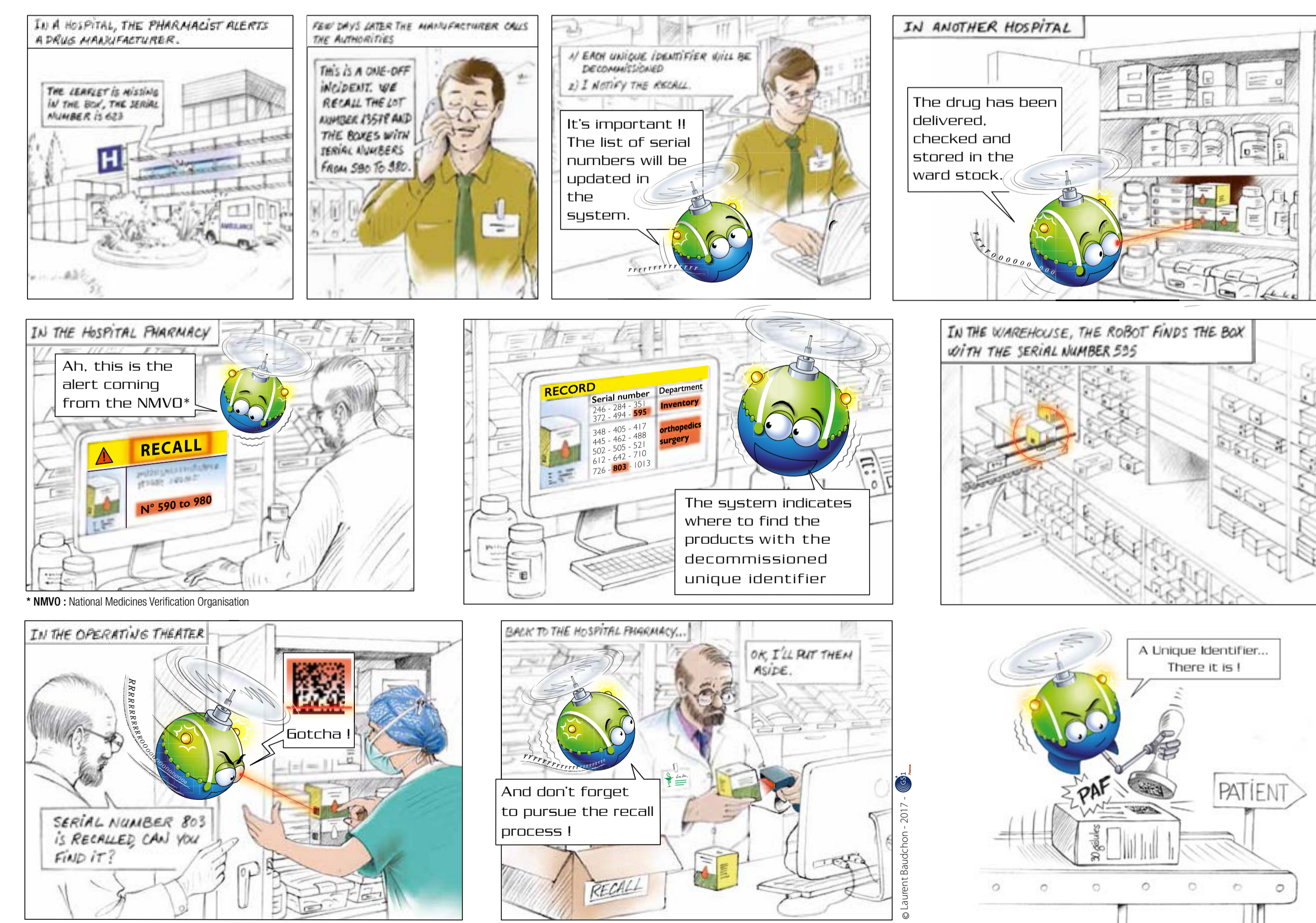
PLEASE TAKE THIS AUTHENTICATED MEDICINE.

FEW MINUTES LATER

THANKS A LOT, I ALREADY FEEL BETTER.

I KEEP THIS BOX ASIDE.

Fortunately, he's going to call the Authorities.



IN A HOSPITAL, THE PHARMACIST ALERTS A DRUG MANUFACTURER.

THE LABELLET IS MISSING IN THE BOX, THE SERIAL NUMBER IS 652.

FEW DAYS LATER THE MANUFACTURER CALLS THE AUTHORITIES.

THIS IS A ONE-OFF INCIDENT, WE RECALL THE LOT NUMBER 5557 AND THE BOXES WITH SERIAL NUMBERS FROM 580 TO 582.

IT'S IMPORTANT!! THE LIST OF SERIAL NUMBERS WILL BE UPDATED IN THE SYSTEM.

IN ANOTHER HOSPITAL

The drug has been delivered, checked and stored in the ward stock.

IN THE HOSPITAL PHARMACY

Ah, this is the alert coming from the NMVO\*

RECALL

N° 590 to 980

RECORD

Serial number	Department
346-201-895	orthopedics
372-204-888	orthopedics
348-405-917	orthopedics
446-463-888	orthopedics
502-505-521	orthopedics
612-663-710	orthopedics
722-801-013	orthopedics

The system indicates where to find the products with the decommissioned unique identifier.

IN THE WAREHOUSE, THE ROBOT FINDS THE BOX WITH THE SERIAL NUMBER 555

IN THE OPERATING THEATER

Gotcha!

SERIAL NUMBER 803 IS RECALLED, CAN YOU FIND IT?

BACK TO THE HOSPITAL PHARMACY...

OK, I'LL PUT THEM ASIDE.

And don't forget to pursue the recall process!

A Unique Identifier... There it is!

