

A young girl with dark hair in a ponytail and an elderly woman with white hair are smiling and looking at each other in a kitchen. The woman is holding a white bowl with red polka dots. The scene is dimly lit, with a teal overlay on the right side of the image.

Dosell[®]

Increased safety for patients in need
of long term medication, a tool for
caregivers.

A photograph of an elderly man with white hair, wearing a blue hospital gown, sitting in a hospital bed and smiling broadly while holding a white mug. In the background, a female nurse in a pink uniform is smiling and looking at a tablet. The room is bright and clean, with a lamp and a white wall-mounted device labeled 'Doxell' visible. On a table next to the bed, there is a plate of food, a glass of orange juice, and a small bowl of fruit.

A pleasant life for patients,
relatives and healthcare
providers.

Dosell is a patented medicine dispenser for safer medication at home.°

In line with an increasing proportion of older people and a population that consume more and more medicine, the risk of drug injuries escalates. Daily, on average **300** swedes are hospitalized due to incorrect medication. Consequently, individuals suffer unnecessarily and society costs increases.

Dosell eliminates this issue by making sure that correct medicine is taken at the correct time. Additionally, Dosell alerts healthcare personnel and relatives if the medicine sachet is not taken. This is why Dosell reduces the risk of overdosing, taking the wrong combination of medicines or not taking the medication at all.

Dosell is simply the given supplier of safe medication for you as a patient or for your relatives, therewith a valuable tool for you as a healthcare provider.



This is how the medicine dispensing robot works

- 1 Dosell is loaded with the patient's prescribed medication packaged in sachets. One charge contains medicine for two weeks of use.
- 2 When it is time for the patient to take their medicines, Dosell automatically delivers the right sachet at the right time.
- 3 The sachet opens and convey to an open compartment on the front of the appliance.
- 4 When the sachet has fallen down to be taken, a lamp lights up the compartment together with a sound signal reminding the patient that it is time to take the medicine.
- 5 If the patient does not take their medication; the sachet does not leave the compartment, Dosell alerts healthcare personell and relatives who can quickly prevent an injury from happening.



- ✓ Dosell cuts open the medicinal sachet
- ✓ Dosell is able to handle all medical sachets unless it exceeds **160mm** in width
- ✓ Design that is simple and easy to maneuver
- ✓ Dosell enables remote monitoring of medication consumption
- ✓ Dosell is managed through an app available to both iOS and Android
- ✓ Dosell is able to automatically delegate alarm outside office hours to another operator

A close-up photograph showing a healthcare professional in a light pink uniform with a stethoscope around their neck, gently holding the hand of an elderly patient. The patient is wearing a blue patterned top and a light green cardigan. The scene is set in a clinical or hospital environment, with a white lace doily and a white cup visible in the foreground. The text 'Dosell increases patient safety and saves time for healthcare personnel' is overlaid on the upper left portion of the image.

Dosell increases patient safety
and saves time for healthcare
personnel



Safety for patients and relatives

- Reduced risk of medication errors and injuries
- Ability to live an independent life at home longer
- Increased safety for relatives who can remotely monitor the patient's medication



Increased comfort for staff in health and home care

- Great reduction of medicine handling time
- Saves time and resources for monitoring and controlling the patient's medication
- Opportunity for healthcare personnel to intervene early if lack of medication



Significant savings for the society

- Every reduced home service hour allow savings of SEK 472 *
- Every avoided hospitalization generates a saving of SEK 55,330 **
- 10 % fewer care cases result in a saving of SEK 1.7 million / day - more than half a billion SEK a year

*SKL KPB databasen 2016

**SKL KPP databasen 2015

If you want to know more...

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