

PACKSYS Mini Pill 7

Minipills are a new kind of medication mainly for babies, kids and elderly people. These small pills allow a very exact dose according to the actual weight of the patient, which is especially important for children. Some of the elderly people have problems to swallow pills and capsules but minipills are so small, they even can be taken by babies.

These little tablets are shaped like a ball and without a dispensing system, it is really difficult to count and to take the correct amount of minipills. Imagine your baby cries and you are stressed and the pills roll out of your hand and fall down on the floor where it later can be found and eaten by the crawling baby. Some elderly are not skilled anymore to handle and to see such small pills. They also roll out of the maybe tremulous hand. These examples show, that it is very important to offer this medication with a dispenser and also a cap, where you can dispense the minipills into by using only one hand – the other hand is for the baby.

You can see and hear, if a pill was dispensed and nothing falls down on the floor. The low actuating force and the simplicity of the system makes it suitable for elderly persons. The cap helps all patients to take their medication in a hygienic way without hand contact and provides maximum safety with tamper-evidence and child resistance if necessary (prototype was created without these features).

The Mini Pill 7 offers not only advantages to the patient, but also to the drugmakers. Without container the dispenser consists of only two plastic parts, the dispenser itself and the cap. The button which looks like the number seven is bent immediately after the injection moulding process to place it over the little tube where the pills came out. This idea allows us to produce the whole dispensing unit in only one part by reducing costs. Of course all used materials comply with the European Pharmacopeia.

In the last years dispensing systems are getting more and more complex and consists of many parts of different plastics or even metals. This is not sustainable. We tried to reduce the used amount of material, to reduce the number of parts and to use only PE/PP material. Even if it is unlikely, because we chose a flexible material - we also considered what happens, if the button breaks. This would be a problem for the dispensing function, but it still allows to take out Minipills.

It's easy. It's nice. It's PACKSYS.

