

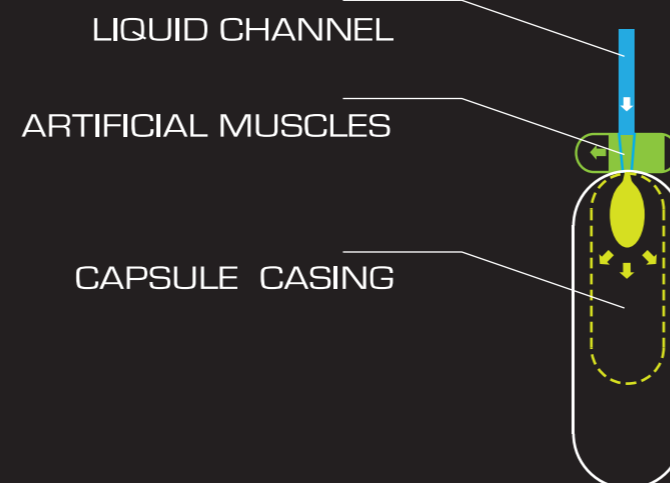
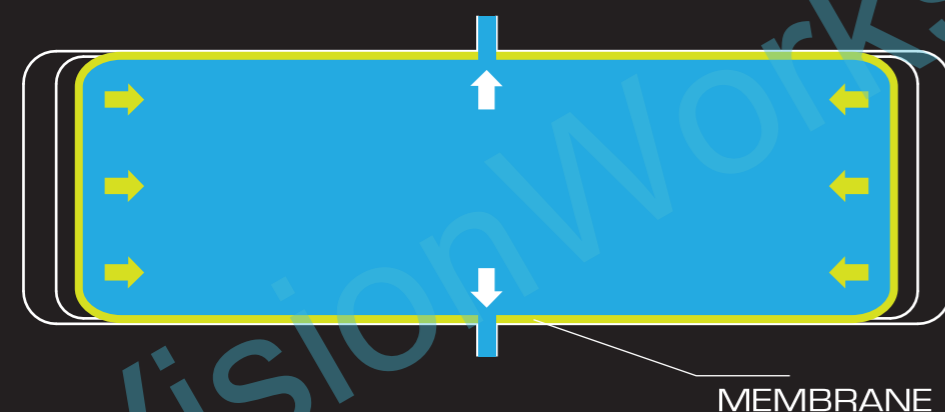
PERSONAL ASSISTANCE

The diagnosis card contains the personal health information. It makes a flexible medication possible and remembers the patient on his daily intake of the medicine. The interaction between user and computer goes by touchscreen or mobile transmission technology.



INDIVIDUAL DOSES

Every human is different and with it also the used dose of the medicine. Does the standardized packaging get configured with the personal health information it assumes the right dosing for every type.



HOW IT WORKS

The liquid medicine is surrounded by a membrane, which pulls itself together. The resultant pressure pushes the liquid to the empty capsule casing. An artificial muscle assumes the dosing of the medicine. By electrical control it opens or closes the liquid channel. Thereby can be controlled how much liquid flows into the capsule. Where it hardens through a chemical reaction with the casing. Afterward the capsule can be removed from the bottom site.

ULTIMATE COMPLIANCE
INTELLIGENT MEDICINE-PACKAGING



During the intake of medicines genetic differences and individual variabilities of metabolism are to less regarded. Therefore a medication achieves by less than the half of the patients not the wishable effect. Some get a overdose of the active substance and react with secondary effects. That's why the medication of certain medicines should be adjusted individual on every single patient. This is important for the choice of the compound as well as for the dosing of it.

ULTIMATE COMPLIANCE is an intelligent packaging, which adopts the individual dosing of the medicine, suitable to personal physiological and genetic properties of a patient. The system is made of two components. The actual packaging which contains the liquid medicine and a personal diagnosis card, on which the personal health data, a battery and a touchscreen are placed. Through the patient's information the standardized packaging can be individualized and makes a successful and efficient medication possible.