

Standard solution for medication monitoring

Medication compliancy is often called “the other drug problem”. Many studies show that 30-60% of people do not adhere to prescribed medication, even when their life is in danger.

Cypak solutions help clients, families, and professional healthcare providers to improve. A low cost disposable electronic device is embedded in pharmaceutical packaging to:

- Record dosage events
- Remind when the next dose is due
- Communicate the adherence history

Memory is a main cause of poor adherence. Recording dosage events gets the facts on the table. Often clients do not remember accurately when and whether they took medication. They are often unable, sometimes unwilling, to give an accurate report to their carers.

Some clients make a deliberate decision not to adhere. Motives are complex; feelings about efficacy, belief in self-dosing, concern for side-effects, peer pressure, preference for alternative therapies are just some of the many reasons noted in studies. Medication monitors enable client and professional to review and discuss the benefits of adherence objectively, improve understanding and reach agreement.



Continua module with battery and buzzer

A typical Cypak module is embedded in standard packaging and the client needs no instruction. The electronics can also be mounted in a variety of pill dispensers, blister packs, or automated medication cabinets.

In other applications, for example in Clinical Trials, the module is integrated in a questionnaire or patient diary to record patient answers to questions as well as record dosage events.



A Cypak powered pack: Stora Enso DDSi

Reading recorded data

A wide range of solutions are available for reading and displaying the recorded data.



Continua compliant USB reader

The Continua compliant USB reader will send recorded data to any manager software using a standard USB connection. Typically the data would be read by a PC, either in the client’s home, in the doctor’s office, or at the pharmacy. Additionally it could be transported over the internet to the healthcare provider’s system.

Younger clients may prefer to check their history with an NFC enabled mobile phone. Manager software can be embedded to transport data to a service provider.



Commercially available NFC enabled mobile phone

Continua Health Alliance

Cypak is a member of the Continua Health Alliance which is developing standards for interoperability.

