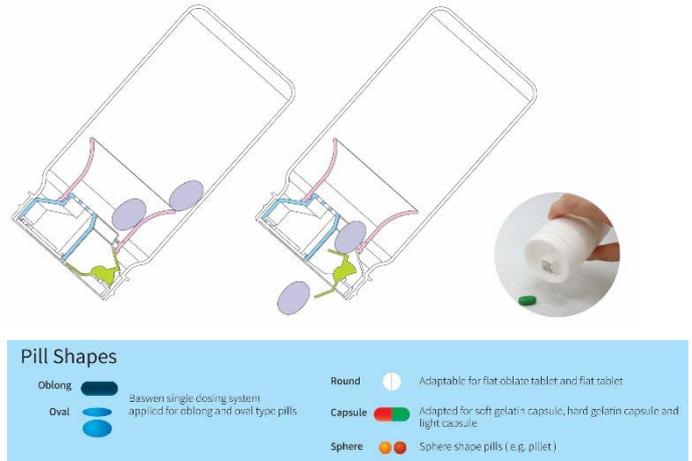


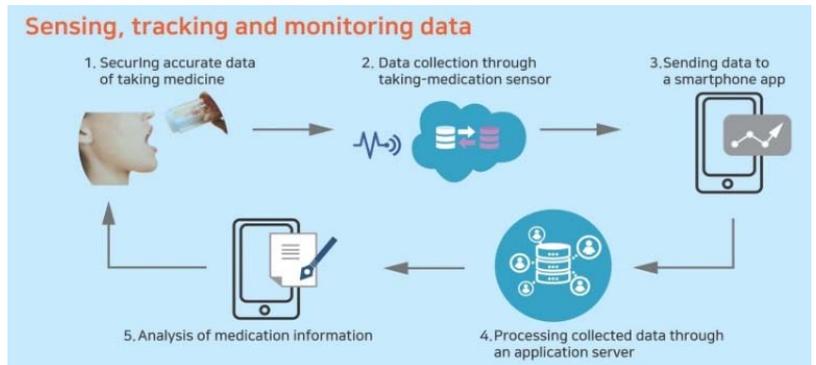
# Pharma Adherence IoT Pack

The Pharma IoT pack comprises of electronic optical sensor on weight-balance unit dose dispenser. The Pharma IoT Pack provides a unique solution to improve patient adherence and compliance using integration of unit dosing and IoT enhanced data capturing technology in patient-side medication package.



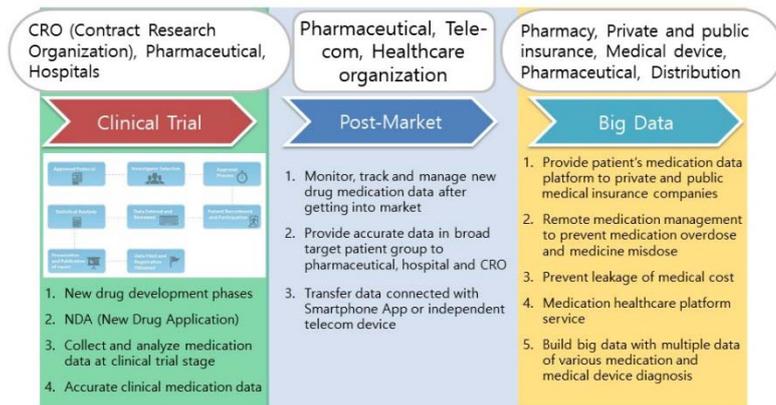
This solution adapts to conventional bottle package, and applicable to various solid doses including oblong, oval, round and ball types.

The unit dose valve makes only one tablet comes out from bottle through a specially designed unit dose weight-balance valve when leaned down with intuitive interaction like a conventional bottle package, and an optical sensor captures tablet's movement in the unit dose valve and send medication data to database server. This is designed to sense and count tablets automatically when they come out from bottle in real-time.



This device is connected with mobile application and it provides medication adherence management solution that patients can track their medication history, allowing medication compliance. And the captured data is transmitted to pharmaceutical companies, hospitals, CRO, insurance companies and personalized inventory management system.

Applications include; chronic disease medication (e.g. blood pressure medicine, diabetes medications), specialty drug (Cancer drug, HIV drug etc.), self-medication for elderly group, clinical trial of data device for new medicine development, psychotropic drug monitoring and control and personalized inventory management.

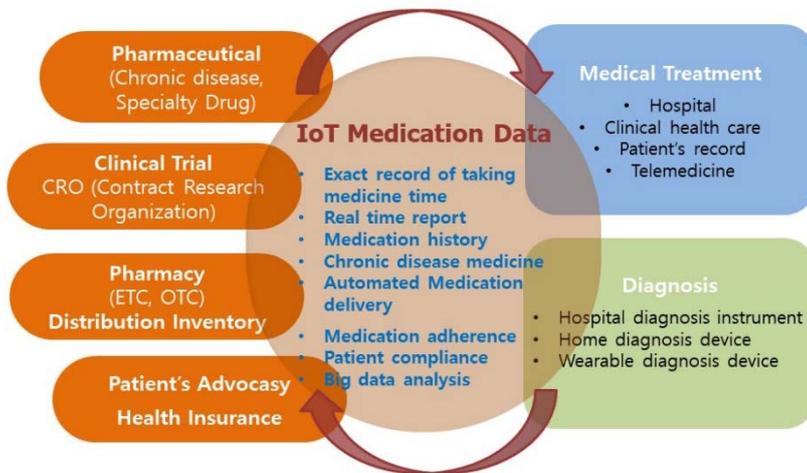




The IoT Pack records patients' taking medicine date, time and prescribed amount with the medicine's pharma data, reporting the record real-time to professionals and care givers to increase medication adherence.

Other companies' comparative products include Proteus' digital pill and NantHealth's GlowCap.

Close to Baswen's Pharma IoT Pack functions, Proteus' digital pill has ingestible sensor on each pill, making the system expensive and causing unnecessary both physical and emotional intervention. And, GlowCap captures data only when patients open cap of bottle. The Pharma IoT Pack provides precise medication data without involving patient's body intervention, enabling convenient mass usage, generating useful big data.



Pharma Adherence IoT Pack meets functionalities of followings;

- IoT enhanced medication adherence and compliance
- Patient-centric data capture and reporting
- Clinical trials Improvement
- Personalized inventory management
- Connectivity with various mobile devices

Pharma Adherence IoT Pack is innovative and dramatically applicable to a wide range industry. Connected to mobile network, it provides patient-centric data capture and reporting solution, enabling professionals and patients to track their accurate medication history automatically. Also, the captured data is suitable for various sectors including pharmaceutical, CRO, hospital, medical insurance and telecom industry.