

The recommendation of the Consumer Agency accident investigation...  
**“New product packaging should be investigated in order to prevent future accidents”**

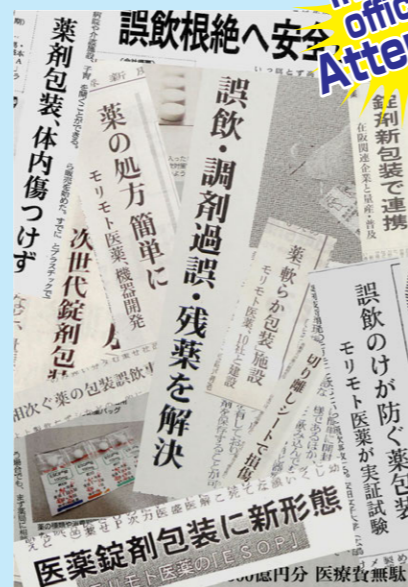
Minister of Health, Labour and Welfare Mr. Shiozaki “Press conference after the Cabinet meeting” (12.22.2015)

At the press conference on December 22, 2015, there was a question and answer session. The Ministry of Health, Labor and Welfare said that they are currently investigating measures to prevent accidental poisoning incidents, such as requiring child resistant packaging. Awareness of the widespread problem will also be raised through local governments and the healthcare system.



**Coverage in the media:**  
**“Recently developed ESOP can replace PTP.”**

- |                           |            |
|---------------------------|------------|
| 1. NIHON KEIZAI NEWS      | 11.25.2015 |
| 2. SANKEI NEWS            | 11.18.2015 |
| 3. The HOSO TIMES         | 11.17.2015 |
| 4. The Chemical Daily     | 10.13.2015 |
| 5. The HOSO TIMES         | 10.12.2015 |
| 6. NIHON KEIZAI NEWS      | 08.24.2015 |
| 7. SANKEI NEWS            | 07.03.2015 |
| 8. The NIKKAN KOGYO NEWS  | 06.11.2015 |
| 9. NIHON KEIZAI NEWS      | 02.23.2015 |
| 10. NIKKEI SANGYO NEWS    | 01.22.2015 |
| 11. The HOSO TIMES        | 12.08.2014 |
| 12. The NIKKAN KOGYO NEWS | 10.09.2014 |
| 13. NIHON KEIZAI NEWS     | 04.28.2014 |
| 14. YAKUJI NIPPO          | 04.18.2014 |

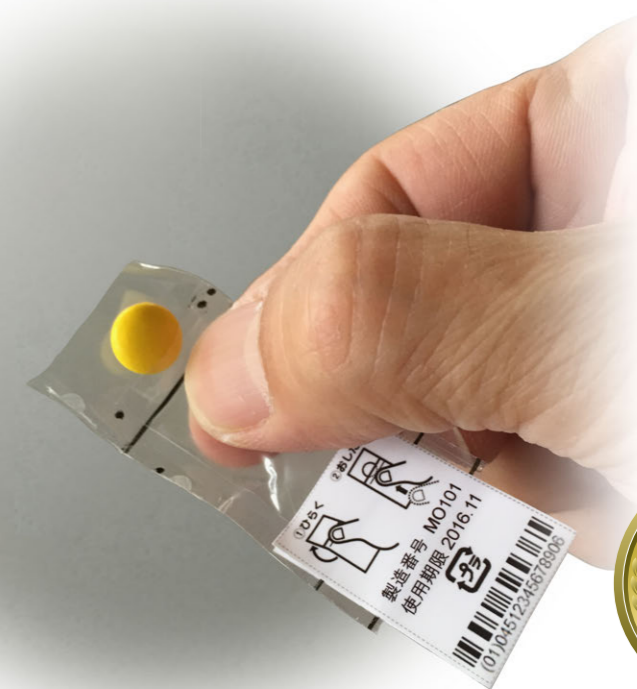


**Industry officials Attention!**



# Tablet packaging revolution

New Design to Replace Press-Through-Pack (PTP)



**Novel Soft Tablet Packaging**

# ESOP

Easy Seal Open Pack

ESOP is a new soft packaging for tablets to replace Press-Through-Packs (PTP), also known as blister packs. ESOP is made using MORIMOTO's patented technology which allows creation of soft and transparent packaging with "easy open seals". The innovative soft design is safe to the gastrointestinal tract in the case of accidental ingestion.

**Morimoto Pharma is looking for partners for future ESOP projects**

Morimoto Pharma has completed the launch of the next generation soft tablet packaging, ESOP. We are committed to creating combination products with pharmaceutical industry partners and medical care professionals. If you are interested in potential collaborations/innovative uses regarding ESOP, please contact us via the information provided below.



<http://www.morimoto-iyaku.jp/english-top>

Please visit us on the web for more information.

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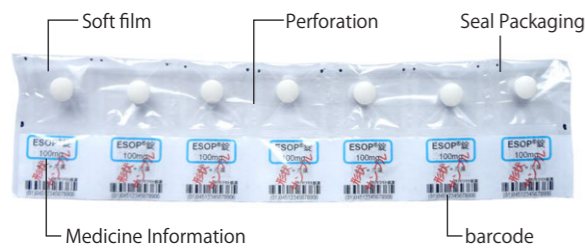
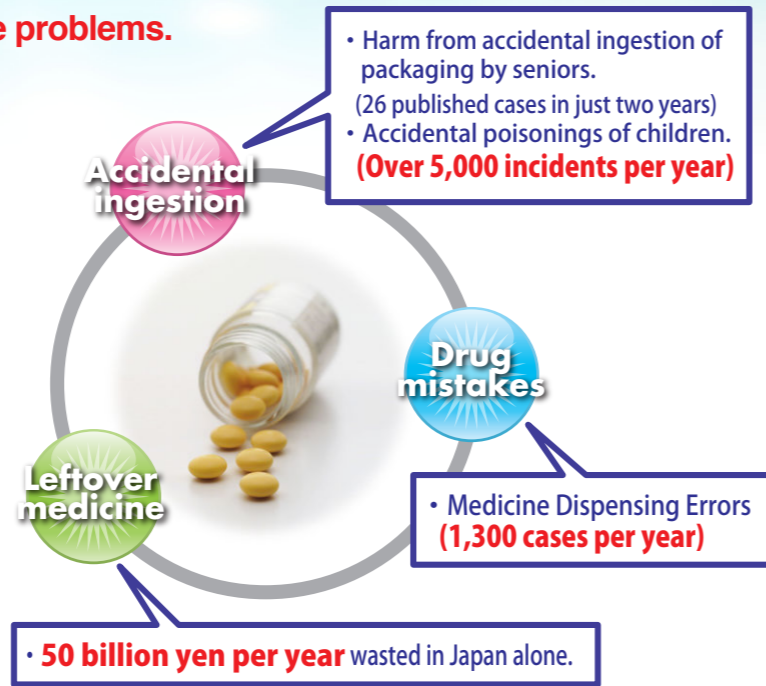
**MORIMOTO-PHARMA CO., LTD.**

# Our goal is zero medical incidents from accidental ingestion!

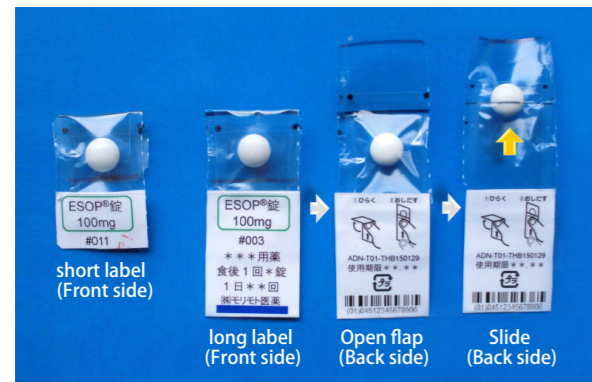
## Accidental ingestion of tablet packaging is a major concern for seniors, while accidental poisoning from medication is a concern for children.

Accidental ingestion/ Drug mistakes / Leftover medicine...  
**ESOP has been developed to combat these problems.**

ESOP is a novel tablet packaging to solve common problems with Press-Through-Packs (also known as blister packs). It is made using our easy open seal technology. Because it is a soft film, it will not cause harm to the gastrointestinal tract if accidentally swallowed. The design is also child resistant so it can also help to eliminate the accidentally poisoning of children who get into medication.



### Method



### ESOP and PTP



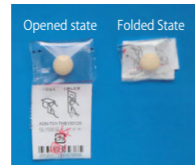
**Convenience** Can easily be opened using one hand. Usable by persons with limited hand mobility/strength.



**Identification** Each individual pack is marked with expiration date. Has barcode for quick identification.



**Portability** When unfolded drug information can easily be read. When folded it is extremely compact.



**Airtight** Airtight design prevents drug degradation due to air and moisture.





**Safety** Eliminates cuts to hands due to sharp corners. No risk of gastrointestinal tract injuries if accidentally swallowed.



**CR (child resistant) packaging** Child resistant design prevents accidentally poisonings.



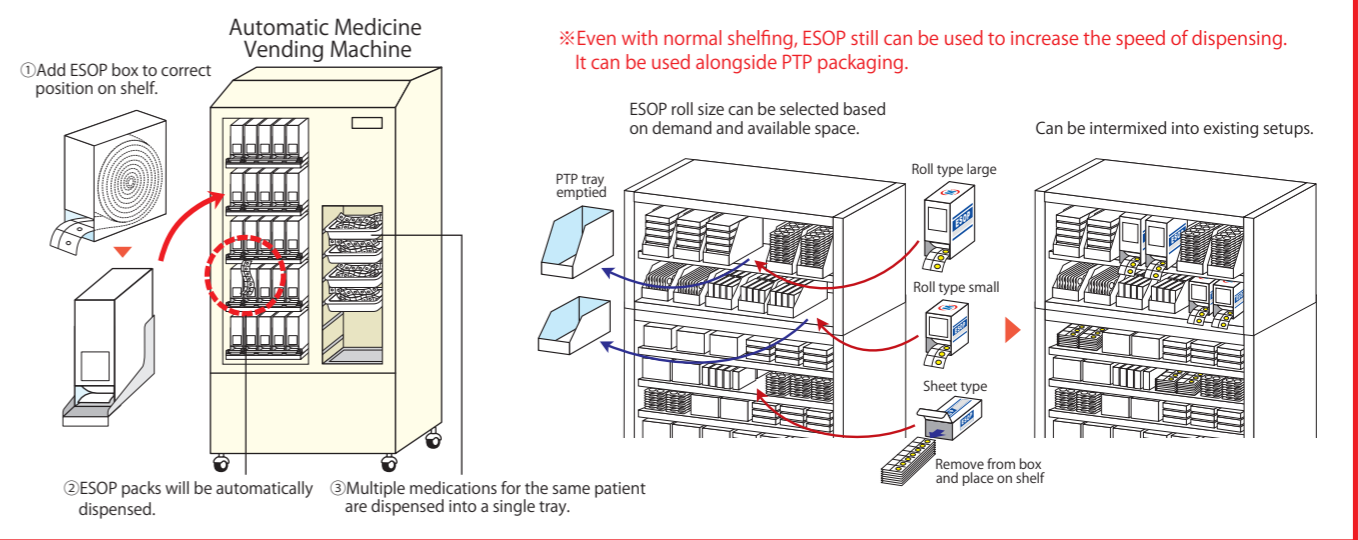
## Comparison of ESOP and Press-Through-Packaging(PTP)

	PTP 	ESOP 
Dispensing Errors	△ Can lead to dispensing errors	◎ Accurate Dispensing via Barcode Confirmation
Expiration of Medicine once box is opened	△ 3~6 months	◎ 3 years
Checking Medication Expiration Dates	△ Expiration date not listed, difficult to confirm	◎ Expiration date on label and also part of barcode
Harm from Accidental Ingestion, Poisonings	✗ Serious issue	◎ Soft packaging harmlessly passes through body, child resistant design
Individual Pack Dispensing	△ Not designed for individual dispensing	◎ Perforated to make individual dispensing easy
Mass Disposal, Dispensing Large Quantities (Automated)	◎ Has been successfully automated	◎ Automation is easy
Mass Disposal, Dispensing Large Quantities (By Hand)	△ Time consuming. Can lead to repetitive strain injuries.	◎ Quickly done with scissors.



### ESOP -Automatic Medicine Vending-

ESOP rolls can be used for automatic vending.



## ESOP Summary

◆ ESOP's 4 key strengths:

① **Convenience** ② **Identification** ③ **Portability** ④ **Airtight Design**

◆ Effective at preventing accidental ingestion of packaging by seniors and accidental poisoning of children.

◆ Dispensing of medication is simple and speedy.

◆ **Helps prevent dispensing errors & leftover medicine. Also allows for identification of individually dispensed packs.**

※Development package(sample)



Sheet type 70pcs



Sheet type 140pcs



Roll type 200pcs



Roll type 500pcs

※Photos are for reference only. Design, color and size may have changed.