

# Disposable Safety-Cap Needle

Syringe

P A T E N T E D   P R O D U C T



**Saferwith**

Provides safety not only medical but also other fields.



## Safety Engineered Injection Devices (so-called 'Safety Syringes')

Safety engineered injection devices["Auto Disable" (AD) and "Reuse Prevention" (RUP) syringes] specifically designed for immunization and for therapeutic injections have been developed and identified as one of the strategies to avoid syringes and needles reuse. These syringes can also have Sharp Injury Protection mechanisms (RUP/SIP syringes) for the prevention of needle-stick injury among health-care workers.

(WHO, Injection Safety Policy and Global Campaign, 2015)

### Disposable Safety-Cap Needle & Disposable Safety-Cap Syringe

Only enhanced needle cap makes it possible to work as safety syringe.

**This "SMART" safety cap will make all injections safer.**



### Operation Procedures of Disposable Safety-Cap Needle(Syringe)



Couple the Safety-Cap Needle to the syringe firmly.



Pull the Safety-Cap down to reveal a needle for use.



Draw vaccine(s) or blood into the syringe.



Inject vaccine(s).



Pull the Safety-Cap up to secure needle.



Lock it by rotating until it click to prevent re-use.



# Disposable Safety-Cap Needle(Syringe) : 2MW Series

## Advantages

- 01 **Simplicity** Operated in the same manner as regular syringe
- 02 **Compatibility** Compatible with almost all syringe with needle
- 03 **Dual Safety System** Provides both RUP and SIP function

Safety Position  
SIP function

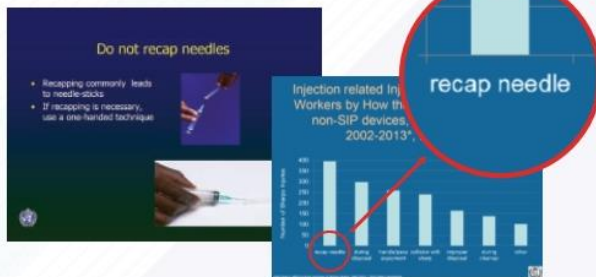


Safety Lock  
RUP function



### 04 Safer Design for SIP

Prevents NSIs(Needle-Stick Injuries), especially during recapping  
 - The grip position located in the middle of safety-cap prevents HCWs hands from accessing to the needle point during the whole injection process



## Comparison of Recapping Process



Regular Syringe

VS



Safety-Cap Syringe

### 05 Multi-Usage Available (Product Simplification)

Price and investment competitiveness



### 06 Presence of an Indicator

Eliminate potential risks for user convenience



## 07 One Handed Opening/Recapping Devices

User convenience & Safer SIP function Opening

### Opening



From Safety Position To Up/Down Position

Pull the Safety-Cap down

### Recapping



Pull the Safety-Cap up

From Up/Down Position To Safety Position

Secure the needle for SIP

## Products

### Safety-Cap Needle



2MWS3 2MWM3

### Safety-Cap Syringe



2MWS3 2MWM3

### Safety-Cap Insulin Syringe



2MWIF1

## IP

Registration Patent (Korea, Taiwan, China) / PCT, U.S.A., Europe, India application filed.

## Specification

MODEL	Gauge															Length				Syringe(ml)	
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Available					
Safety-Cap Needle(Syringe)	2MWS3	v	v	v	v	v	v	v	v	v	v	v	v	v	v	25mm 16mm 13mm 8mm	1 / 2 / 2.5	Lure Slip Lure Lock			
	2MWM3		v	v	v	v	v	v	v							38mm 32mm	3 / 5 / 10				
Safety-Cap Insulin Syringe	2MWIF1	27G, 28G, 29G, 30G															8mm 4mm	0.3 / 0.5 / 1			



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