



**I.N.S.C.B.**

**L'INSTITUT NORD-SUD de COOPERATION BIOPHARMACEUTIQUE**

**INTRODUCES**

# ***BLISTIGEL***

***An innovative medical device for the administration of oral pharmaceuticals***

**A NEW STEP IN THE ADMINISTRATION OF CRUSHED TABLETS**



- **Easier and faster preparation**
- **Precise dose administration**
- **1 Single sachet per patient**
- **Confined and safe crushing**
- **Traceability of treatment**



# ***BLISTIGEL***

## **IS A TABLETS' ADMINISTRATION DEVICE INTENDED FOR PATIENTS SUFFERING FROM SWALLOWING TROUBLES**

### **Swallowing Troubles or *Dysphagia*,**

Concern especially

**geriatrics, pediatrics,**

**psycho-behavioral therapeutics,**

and some pathologies of the

**Ear Nose and Throat Sphere**

For **100%** of the patients ,  
Their tablets are systematically crushed  
And this three times per day...

They are then administered  
using a medium carrier  
(gelled water, food, drinks...)

### **PROBLEMS LINKED WITH THE PREPARATION & ADMINISTRATION OF CRUSHED TABLETS...**

*... LEAD TO POTENTIAL RISKS  
FOR THE PATIENT  
AND THE CAREGIVER STAFF*

⇒ **UNDER DOSING**  
(INCOMPLETE TREATMENT ADMINISTRATION)

⇒ **VARIABILITY OF THE PERIOD  
BETWEEN PREPARATION AND  
ADMINISTRATION**

⇒ **OUTDOORS STORAGE  
BETWEEN PREPARATION AND ADMINISTRATION**

⇒ **DRUG – CARRIER MEDIA INTERACTIONS**

⇒ **LACK OF TRACEABILITY**  
(identifications treatments / patients)

⇒ **PROFESSIONAL ALLERGIC ACCIDENTS...**





# **BLISTIGEL IS THE SOLUTION**

***A double compartment Sachet allowing the blending of the crushed tablets with an alimentary gel***

## **It's a 2 in 1 :**

**1 single device is used for the preparation and administration of the médicaments**

### ***Compliance of the treatment***

- No substance loss during blending
- Whole product administered thanks to low volume of carrier medium
- No false food drive risk due to the alimentary gel viscosity
- Direct administration of the treatment from the device
- Adaptation to patient's taste thanks to multiple flavors
- No outdoors storage of the crushed powders

### ***Safety***

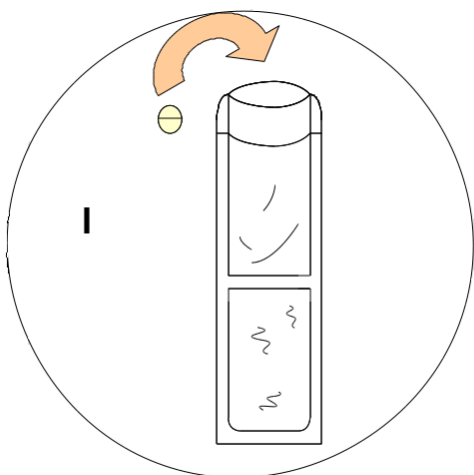
- Single use device
- Identification label allowing traceability
- Limited chemical Interactions with the neutral alimentary carrier gel
- Absence of risk of inhalation of crushed powder
- 

### ***Simplified handling***

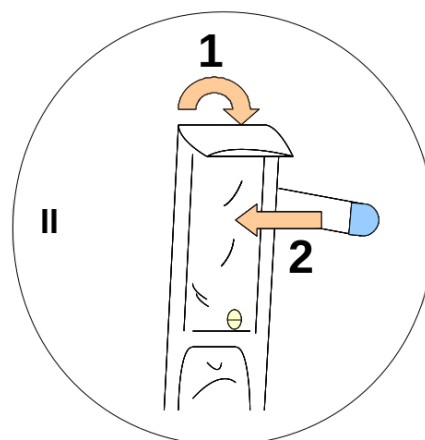
- 1 single package for both medicines and alimentary carrier gel
- Reduced time of preparation
- Tablets crushed directly in the device



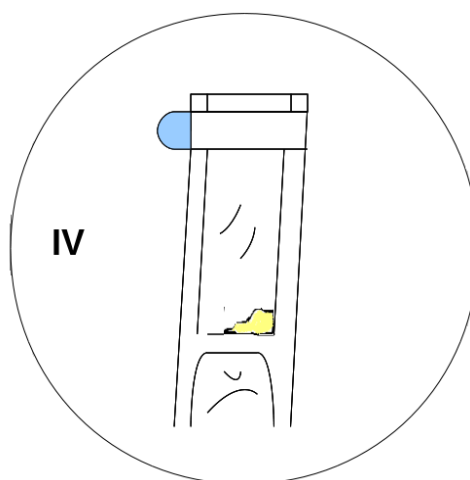
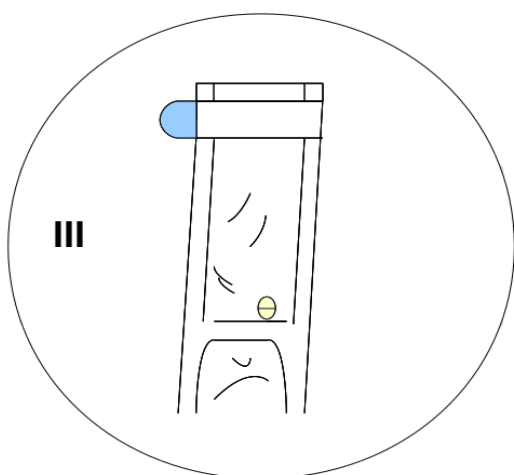
# Use protocol



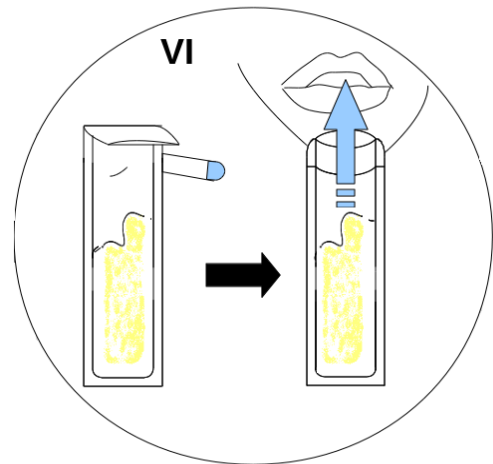
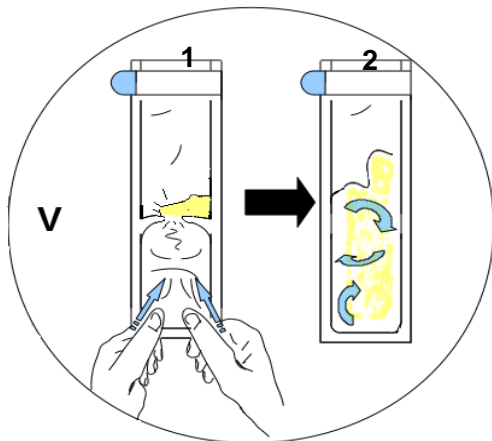
I – Introduce the tablets inside the empty compartment of the sachet



II- 1 Fold the upper compartment  
II- 2 Close it with the sticky repositionable strip



III – The device is hermetically closed.  
IV – Crush the tablets using a tablet mill of your choice (presses, hammers, pestle...)



V-1 Apply manual pressure from bottom to top until the frangible seal breaks, allowing the mixture of the crushed powder with the alimentary gel

V-2 Knead the mixture until it becomes homogeneous

VI-1 Open the sachet by pulling the repositionable strip

VI-2 The mixture is then ready to be administered to the patient

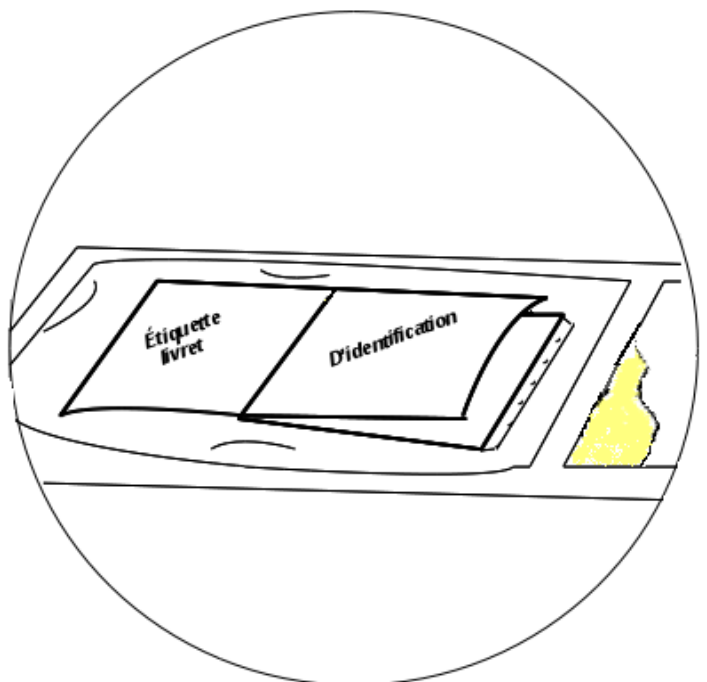
**« PATIENT »**

### **Identification label**

**STUCK ON THE GEL  
COMPARTMENT OF THE  
SACHET TO GUARANTEE  
TRACEABILITY**

**Indicates :**

- SURNAME
- NAME
- DATE OF BIRTH
- ROOM NUMBER
- etc...





# **BLISTIGEL**

***A two in one sachet allowing the  
administration of crushed tablets***

***IS A TYPE 1 MEDICAL DEVICE  
with EC conformity marking***

***TECHNOLOGY PATENTED  
BY THE INSCB***

***AVAILABLE FOR LICENSING***

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