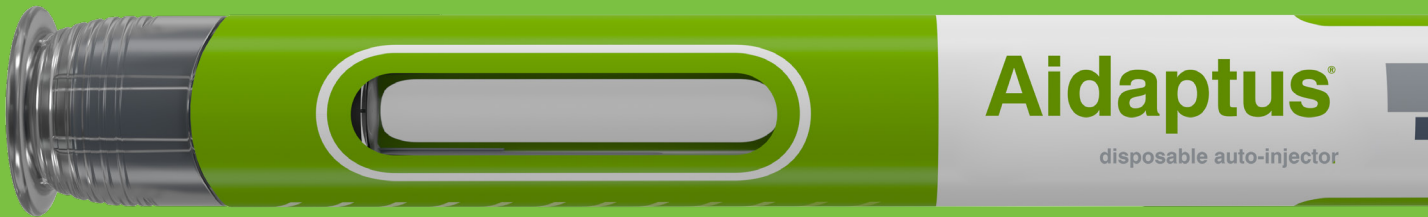


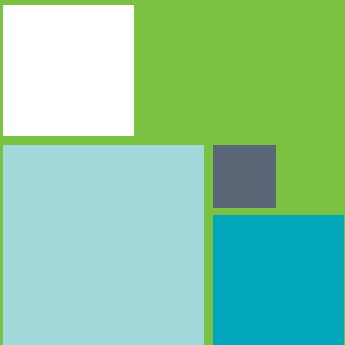
# Aidaptus<sup>®</sup>

2-step single-use auto-injector platform

Versatile design  
**intuitive delivery**



A global leader in auto-injectors, we bring you our next generation product



 **OWEN MUMFORD**  
Pharmaceutical Services

# Aidaptus<sup>®</sup> overview

Aidaptus<sup>®</sup> combines innovative patient-centric design and novel technologies delivering a device with clear features and benefits.

**Small, discreet, lightweight design**, enables user to incorporate into daily routine.



**Audible feedback** via a 'click' at the start and end of injection.



**Visual feedback** via a bright yellow plunger rod visible through a large window.



Ergonomic cap for **ease of use with multiple RNSs**.



Anti-roll feature, **helps convenience.**



Patented technology gives **true platform benefits** in robustness and also reduced time to market, cost and risk.



Independent 2 phase needle insertion and drug delivery, **limiting impact forces on the syringe, which reduces risk of syringe breakages.**



**Automatic needle insertion and drug delivery** which enables consistency of injection experience.



**Automatic needle shielding** before, during and after use, **helps with needle phobia.**



# Introducing Aidaptus<sup>®</sup> versatility

Aidaptus<sup>®</sup> is a 2-step single use auto-injector platform, with a versatile design and intuitive drug delivery.

Accommodating both 1mL and 2.25mL glass syringes in the same device, Aidaptus<sup>®</sup> dynamically adapts to different fill volumes with no changed parts using auto-adjust plunger technology.

Aidaptus<sup>®</sup> is suitable for reducing risk during drug development and lifecycle management, if the drug formulation has to change - this device doesn't.

## Aidaptus<sup>®</sup> Specifications

<b>Needle safety</b>	Automatic needle shielding with needle hidden before, during & after use	<b>Needle insertion</b>	Automatic
<b>Primary container/ syringe type</b>	<b>1mL small round and cut/cropped flange (ISO standard)</b> <ul style="list-style-type: none"> <li>BD Hypak, BD Neopak, Gerresheimer, Nipro, SG Nexa<sup>®</sup></li> </ul> <b>2.25 mL small round flange (ISO standard)</b> <ul style="list-style-type: none"> <li>BD Hypak, BD Neopak, SG Nexa<sup>®</sup>.</li> </ul>	<b>Start and end of dose notification</b>	End of dose click (>70Db at 1m)
<b>Fill Volume</b>	<ul style="list-style-type: none"> <li>1mL: 0.3 - 1.0mL *</li> <li>2.25mL: 0.5 - 2.0mL*</li> <li>Adapts to a range of different drug fill volumes with no changed parts, with a self-adjusting plunger.</li> </ul> <small>*includes air bubble and overfill</small>	<b>Weight</b>	28g (without syringe)
<b>Needle type and gauge</b>	27G STW, 29G TW	<b>Dimensions</b>	H = 162mm (cap on) W=18mm
<b>Needle insertion depth (subcutaneous)</b>	1mL = 6.5mm 2.25 mL = 6.3mm Syringe dependent	<b>Component count</b>	<b>1mL</b> = 11 plastic components, 3 springs, 2 metal pressings  <b>2.25mL</b> = 10 plastic components, 3 springs, 2 metal pressings
<b>Injection angle</b>	90°		

# Aidaptus®: Intuitive delivery. Patient benefits

## Ease of use

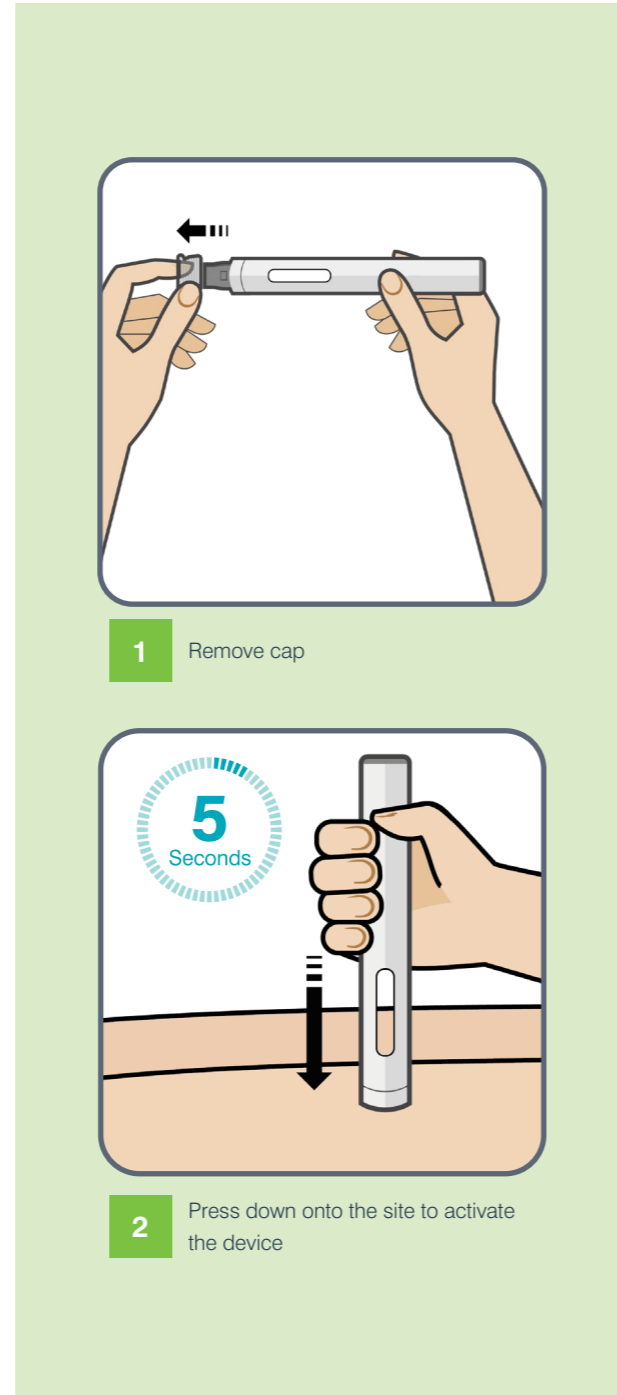
- Small discreet lightweight design
- Tamper evident cap design
- Ergonomic cap for ease of RNS removal
- Simple 2-step intuitive usage: remove cap, position and depress to inject
- Automatic needle insertion and drug delivery
- Enables consistency of injection experience

## Patient confidence and reassurance

- Clear drug visibility via large device window aids dose checking
- Designed to prevent needlestick injuries with passively deployed complete needle shielding
- Provides reassurance for needle phobic patients with needle hidden before, during and after use
- Audible and visual notifications to provide clear feedback to the user

## Human Factors Testing\*

- All patients were able to handle the device
- No unforeseen usability issues
- No difference in device variants tested



# Fill Volume Flexibility

Aidaptus® dynamically adapts to a range of different drug fill volumes with no changed parts, using **auto-adjust plunger technology**

**Your fill volume may change, with Aidaptus® your auto-injector doesn't need to**



\*In addition to an air bubble & overfill

**Accommodates both 1mL and 2.25mL syringes in the same device**



\*OM HF study 01/20 n = 39 mixed patient types including MS and RA and HCPs

# Aidaptus<sup>®</sup>

Provides flexibility in drug development, clinical trials and lifecycle management.

- ✓ **Flexible**  
Accommodates both 1mL and 2.25mL glass syringes in the same device and dynamically adapts to different fill volumes with no changed parts using auto-adjust plunger technology.  
Reduces complexity and risk in supply chain, and final assembly.
- ✓ **Drug Development and Lifecycle Management**  
Aidaptus<sup>®</sup> is especially suitable for reducing risk during drug development and lifecycle management, if the drug formulation has to change - this device doesn't.
- ✓ **Fast to Market**  
Minimal change parts for platform capability, which reduces risk.
- ✓ **Versatile**  
Simple effective branding and customisation options.
- ✓ **Robust**  
Independent 2 phase needle insertion and drug delivery, limiting impact forces on the syringe, which reduces risk of syringe breakages.
- ✓ **Intuitive**  
2-step use, automatic needle insertion, simple steps for use.
- ✓ **Partnership**  
Owen Mumford Pharmaceutical Services have a proven track record and broad experience of auto-injector development, manufacture and supply.



# Aidaptus<sup>®</sup>

## Versatile design intuitive delivery

Owen Mumford Pharmaceutical Services supporting your combination product development

- Design, development & manufacturing
- Labelling & Packaging
- HF studies
- Intellectual Property
- Regulatory support
- MRHA drug licence
- Final assembly



Now in collaboration with  Stevanato Group

[pharmaservices@owenmumford.com](mailto:pharmaservices@owenmumford.com)  
+44 (0) 1993 812 021  
[ompharmaservices.com/explore-aidaptus](https://ompharmaservices.com/explore-aidaptus)

OMPS/aidaptus/brochure/ob/0821/7  
Aidaptus<sup>®</sup> is a registered trademark of Owen Mumford Ltd ©2023

 **OWEN MUMFORD**  
Pharmaceutical Services