

### Client Needs

A global Life Sciences company required the development of an Auto-Injector. The device was intended for long term home use by users with dexterity issues. The case was required to protect the battery-operated device from damage and ensure that the user experience was satisfactory. The case needed to contain user instructions and artwork.

### Challenges

Adept was brought into the project after first prototypes failed to meet basic performance requirements. The initial design was not designed for manufacture and therefore Adept's technical knowledge coupled with marketing insights was required for successful completion.

### Results



Met timing requirements for phase one development



Solved Manufacturing Issues



## STEPS TAKEN BY ADEPT

- A Project Plan was created with step-by-step action to get the development plan back on track.
- Adept developed a User Requirement Specification incorporating requirements from Human Factors, Marketing, and Manufacturing/Operations.
- Adept investigated & evaluated multiple technologies to determine what packaging solution would meet the success criteria.
- Technologies included injection molded hinges and locking mechanisms
- Adept managed Fragility Testing to ensure that the case would be developed with the correct amount of protection to ensure product efficiency.
- Supplier identification and development was completed to compliment design feasibility.
- A final design was determined with an action plan to be executed by the client packaging team.