

ZOLL AED 3 REDESIGN



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Problem & Touchpoints

Intended Use: The ZOLL AED 3 defibrillator must provide users who have basic CPR training and AED experience with the essential tools to defibrillate victims of cardiac arrest

The touchpoints of this device should support the intended use

Carrying Handle

Pros: visible position, distinguishing color, surface conducive for grip

Cons: too small for user-user handoff

ON/OFF

Pros: visible position, large actuation area

Cons: no indication of status inherent to button

Shock Button

Pros: visible position, large actuation area, distinguishing color

Defibrillation Pads Connector Port

Pros: visible position, intended use is afforded by its appearance

LCD screen

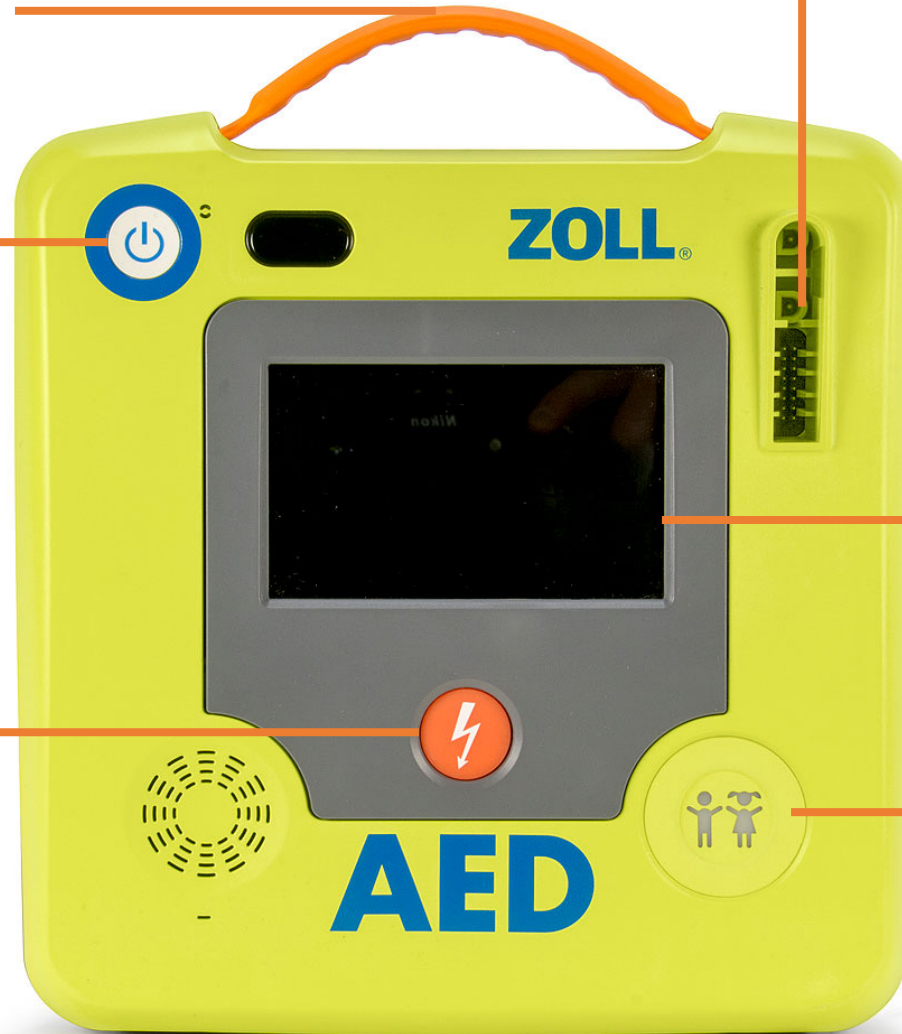
Pros: visible position

Cons: small touch area, makes for difficult to read text and difficult actuation

Child Button

Pros: visible position, large actuation area

Cons: not clear whether a status indicator or button



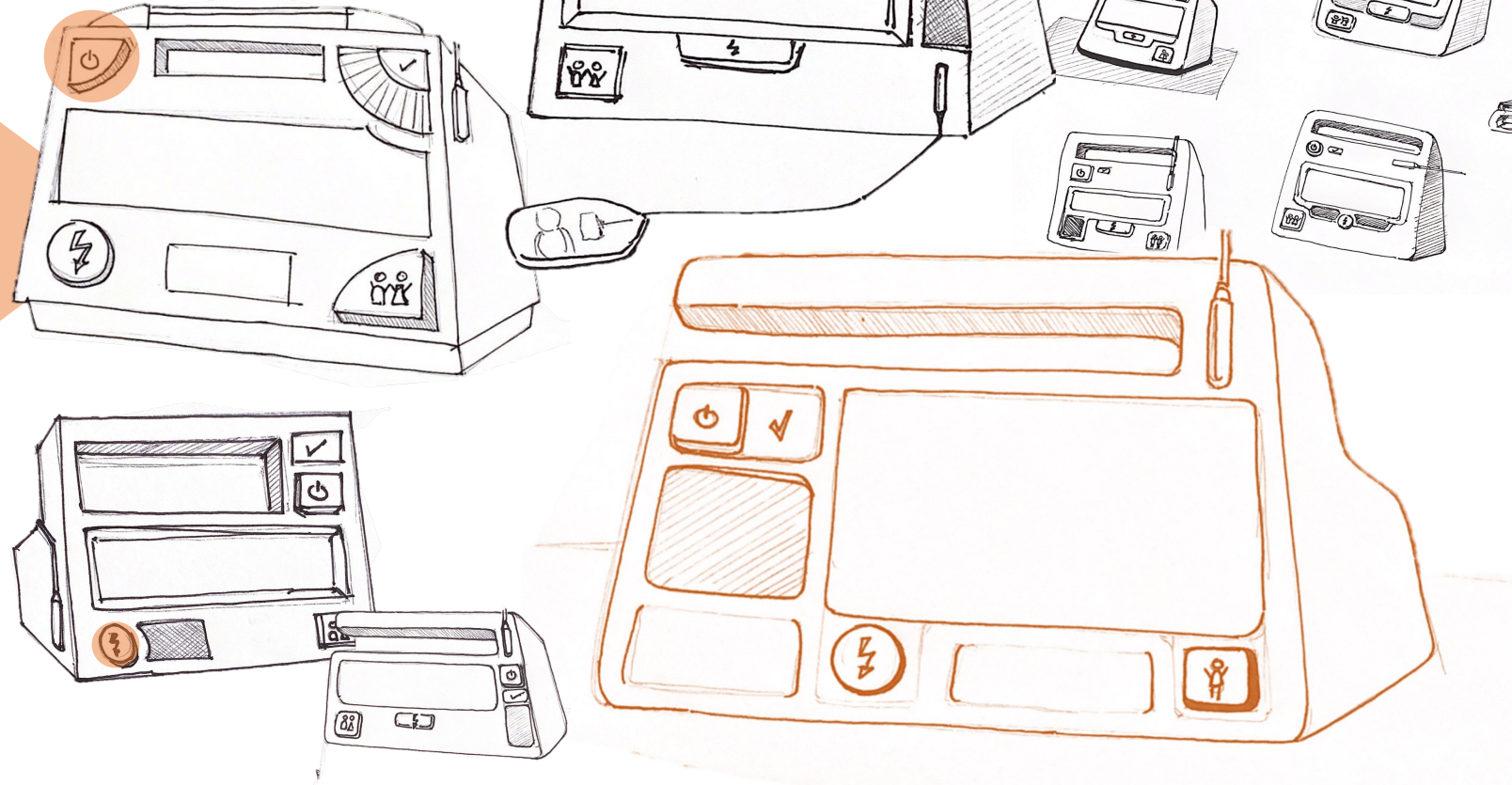
Ideation

Inspiration



Sketches - 4 Primary Concerns

1. Emphasis on switch buttons to indicate ON/OFF state
2. Maintenance of visually distinguishable buttons via location/shape/iconography/color
3. Insistence of a larger carrying handle
4. Larger LCD screen



Final Product Design

This redesign features improved touchpoints to better support the intended use.

