



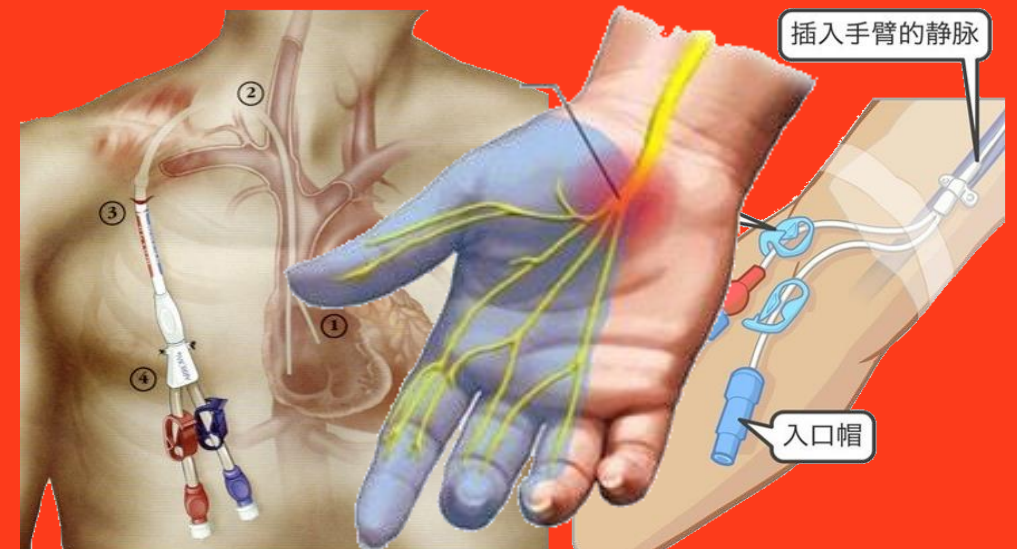
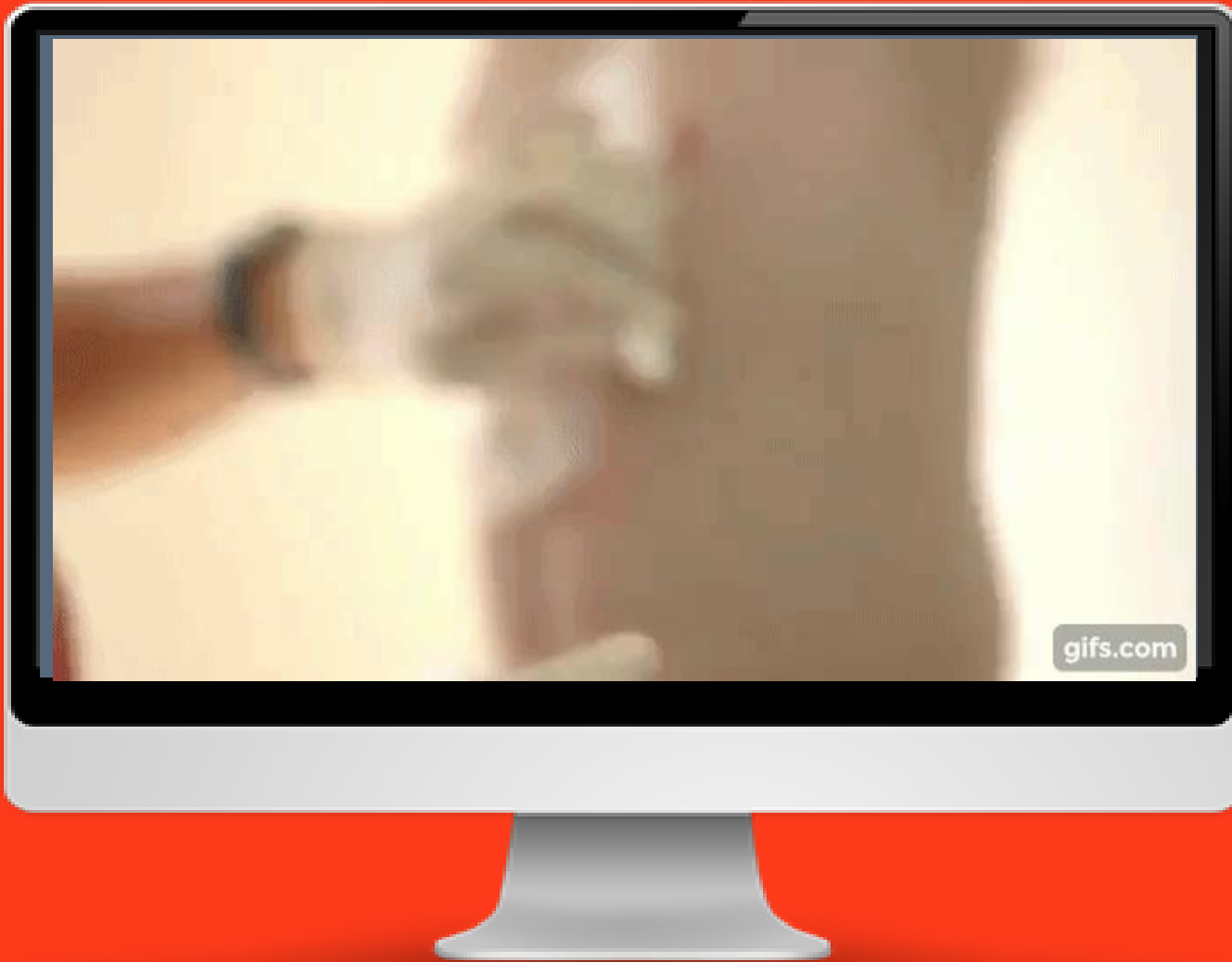
HUB CARE HOP ON YOUR LIFE

CK CARE

Advisor	Dr. Ming-Lung Yeh	P86061346	Hui-Chi Wei
	Dr. Chien-Hong Lin	P86067122	Nattana Terawanidsan
		P86061338	Tsu-Chi Cheng
		P86061362	Ting-Yu Chuang

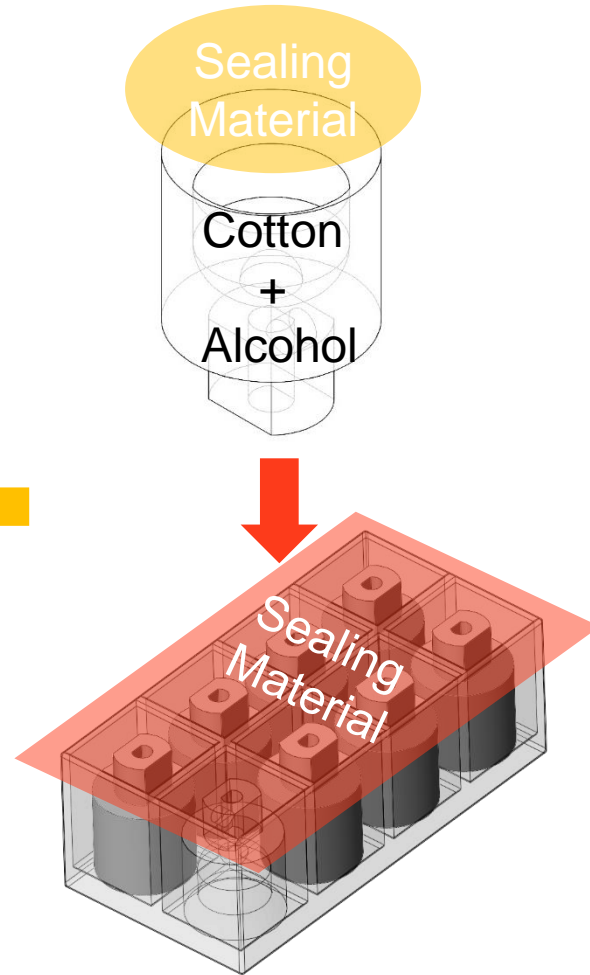
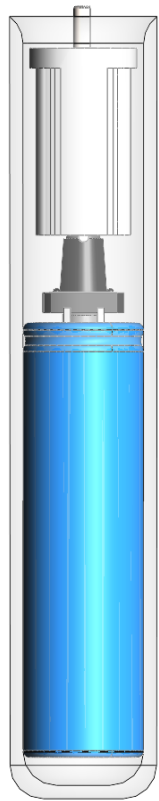
Unmet need

1. To sterilize a hub, nurses take an alcohol pad and scrub a hub for 15 seconds
2. In **ICU**, nurses do this routine for at least ten times per day
3. Occupational disease: CTS





Prototype Design



Chamber Capsule

- Chamber(Cotton + Alcohol) containing
- Disposal item

Capsule Stocking

- Keep capsule sterilized
- Usability design

Single-hand Used Device

- Scrubbing operation
- Semi-automatic operation



Device Concept

