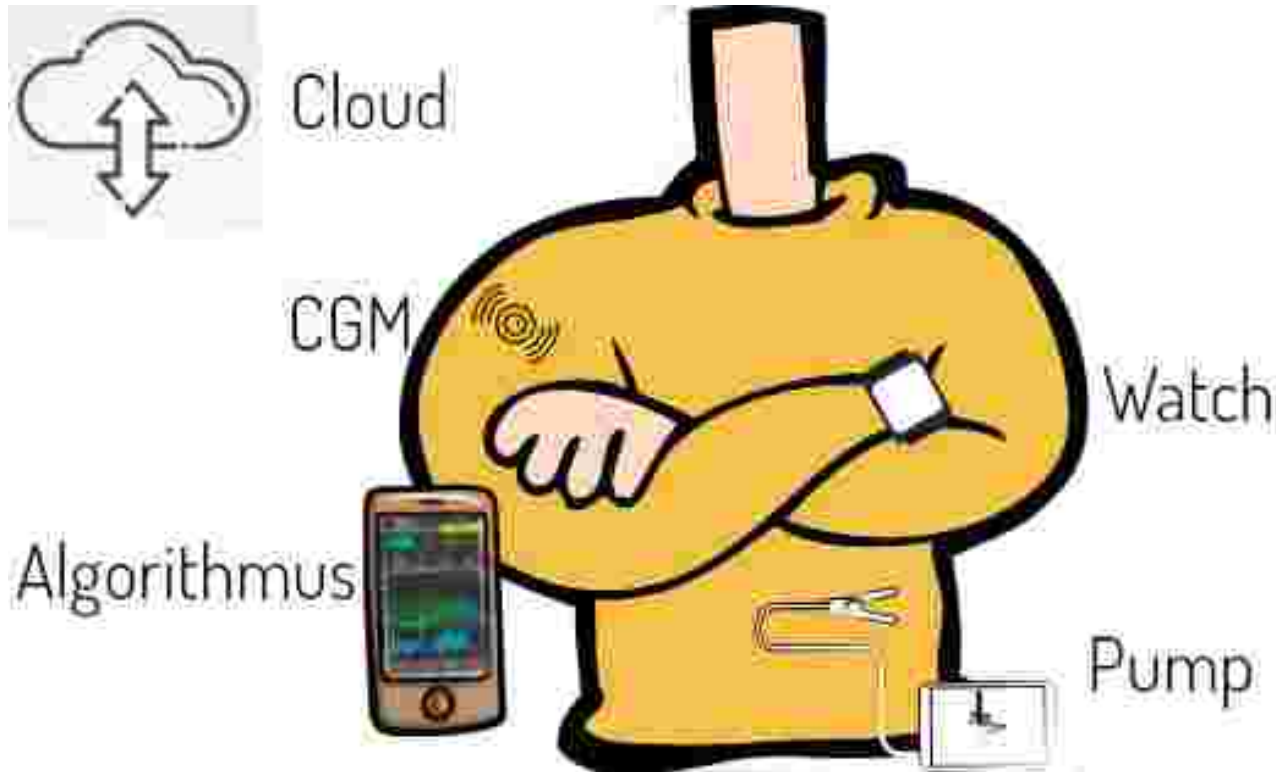


# AID-System – Automated Insulin Delivery System

- Closed Loop System
- Artificial Pancreas System (APS)
- Künstliche Bauchspeicheldrüse
- Hybrid-AID-System
- DIY (Do it yourself) APS

Viele Begriffe! Was will man tun?

# AID-System – Automated Insulin Delivery System



- Android APS (DIY)
- CamAps, YpsoPump
- Diabeloop

# AID-System – Automated Insulin Delivery System



Cloud

CGM



Watch

Algorithmus

Pump

- t:slim X2
- MiniMed 780G

# AID-System – Automated Insulin Delivery System

## Advanced Hybrid-AID-System

- CGM
- Insulinpumpe
- Algorithmus:
  - Glukoseanalyse in Echtzeit → Insulingaben
  - Basaler Insulinbedarf automatisch
  - Automatische Korrekturboli → Zielbereich
  - Manuelle Eingaben (Mahlzeiten, Korrektur)

Bildquellen:

Doku AAPS [https://androidaps.readthedocs.io/en/latest/\\_images/modules.png](https://androidaps.readthedocs.io/en/latest/_images/modules.png)

WikiMedia [https://commons.wikimedia.org/wiki/File:Medtronic\\_MiniMed\\_780G\\_insulinpump.jpg](https://commons.wikimedia.org/wiki/File:Medtronic_MiniMed_780G_insulinpump.jpg)

Pixabay <https://pixabay.com/de/vectors/herunterladen-wolke-symbol-netzwerk-2013195/>