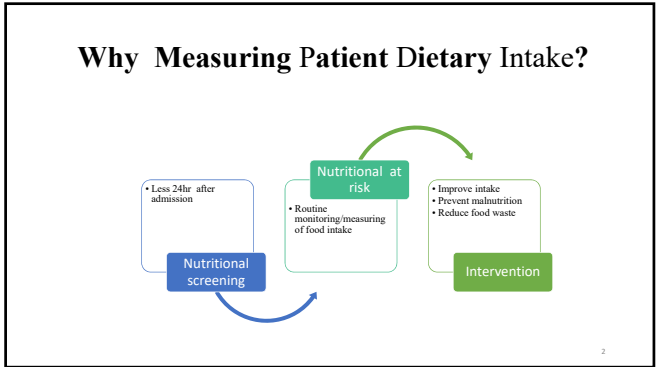


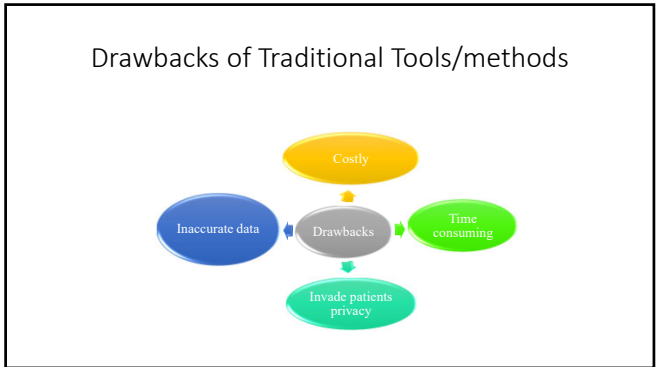
The Dietary Intake Monitoring System

Kwabena Titi Ofei, PhD



Traditional Methods for Routine Monitoring of Food Intake

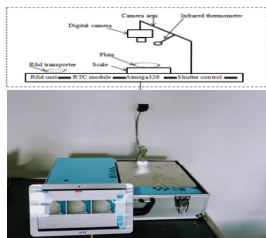
- Weighed food method
- 24hrs recall
- Dietary history
- Food frequency questionnaire



ICT Device capturing food intake data

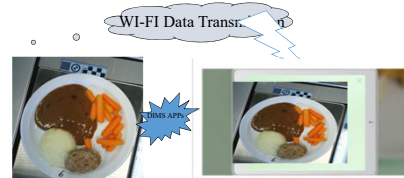
DIMS Prototype 1.0 & 2.0

DIMS 2.0 set-up

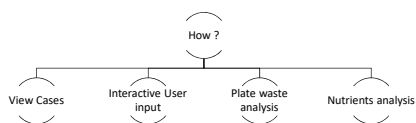


7

Real-Time Data Capturing



Real-Time Analysis Using DIMS Apps



View Cases

| Identification | P-weight | Pw-weight | Pwt-weight | Time Span | Pw-date | Pwt-date | ID |
|----------------|----------|-----------|------------|-----------|---------------------|---------------------|-------|
| 42512PFD | 200 | 250 | 50 | 00:15:05 | 2016-04-26 12:25:05 | 2016-04-26 12:25:11 | 25:58 |

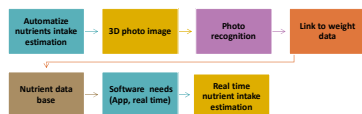
Pre picture

Post picture

Where Are We?

- Automatize real-time monitoring of patient dietary intake

How:



Thank You!!!!

Acknowledgements

- Prof Bent Mikkelsen, (Aalborg University)
- Prof Henrik Højgaard Rasmussen (Aalborg University Hospital)
- Mette Holst: (Aalborg University Hospital)
- Michal Dobroczyński (syscore ApS)