DAWN® AC
ANTICOAGULATION SOFTWARE

Patient Self Testing

Different approaches to managing self-testing

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Patient Self Testing

Case 1 - DAWN INR Capture

- Quick and easy approach
- Compatible for use with PC, Laptop, Tablet and Phone
- In-built checks and verification
- Import straight into the patient's DAWN AC record

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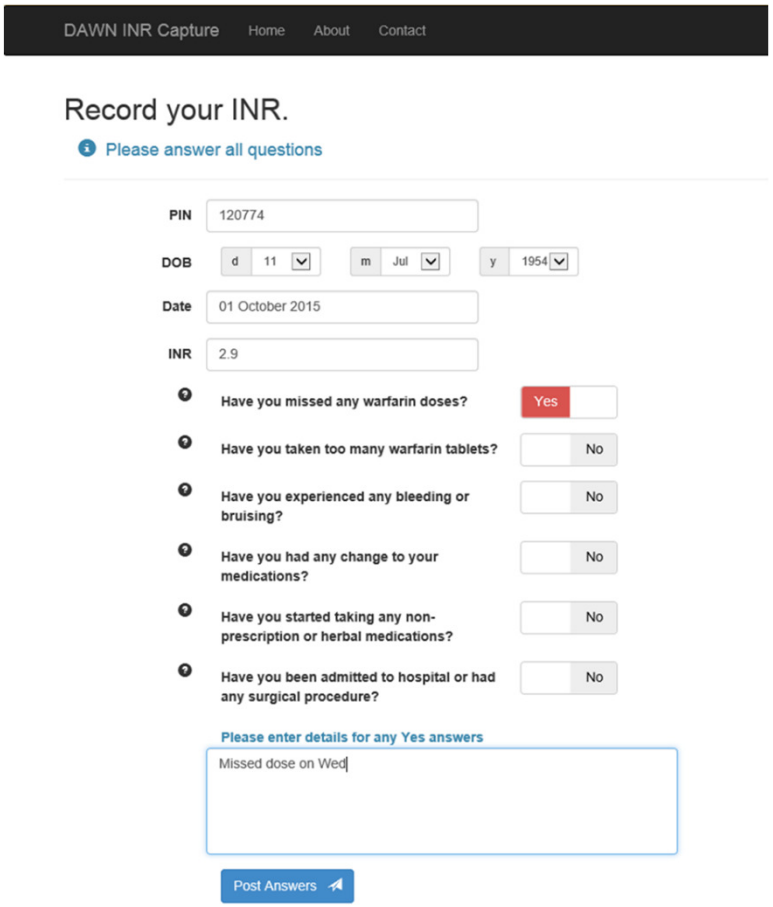
Case 1 - DAWN INR Capture



STEP 1
The patient is issued with a PIN number generated by and recorded in DAWN AC and issued via SMS, email or letter.

STEP 2
When the patient self-tests, they complete the DAWN INR Capture form (using the PIN and DOB to identify themselves - see image on the right) and clicks 'post answers'.

STEP 3
DAWN INR Capture sends the results to the DAWN AC patient record where dose and next test date are calculated.

STEP 4
In range patients are sent dosing instructions via SMS, email or letter. Out of range patients are contacted by the healthcare professional.

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Case 2 - Inhealthcare platform

- **Five DAWN AC centres using the platform**
- **Over 800 patients per month**
- **Example figures:**
  - Average TTR improvement for self-testers was 21%
  - 21,000 clinic appointments saved in first 3 years
  - As clinic capacity improved, non-self testers improved TTR by 3%

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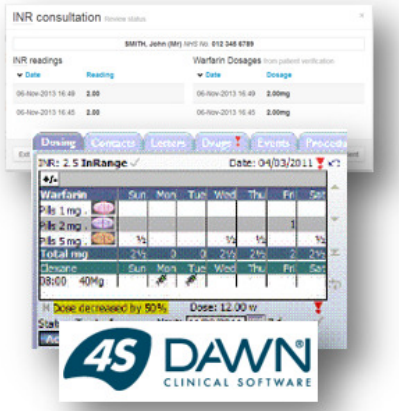
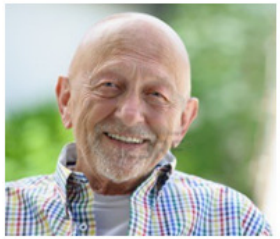
Patient self-tests INR at home on agreed date

Using either an automated phone call or on-line submission, the patient provides their INR reading, current warfarin dose, and questions around bleeding and medication



The service can integrate directly with 4S-DAWN. This means that clinic staff can dose from within their existing system, or from the Inhealthcare portal if the clinic uses a different decision support system

Warfarin Clinic



Patient follows new dosing regime and notes date of next test

The service then informs the patient of their warfarin dose and the date of their next INR test

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Case 3 - Self-testing via Text Message

- **Funded by the hospital**
  - 300 CoaguChek XS devices bought
- **Third party software application for text messaging – already used in hospital**
- **Communication in the form of a mobile/cell phone text**
- **Transmitted automatically into the DAWN system**

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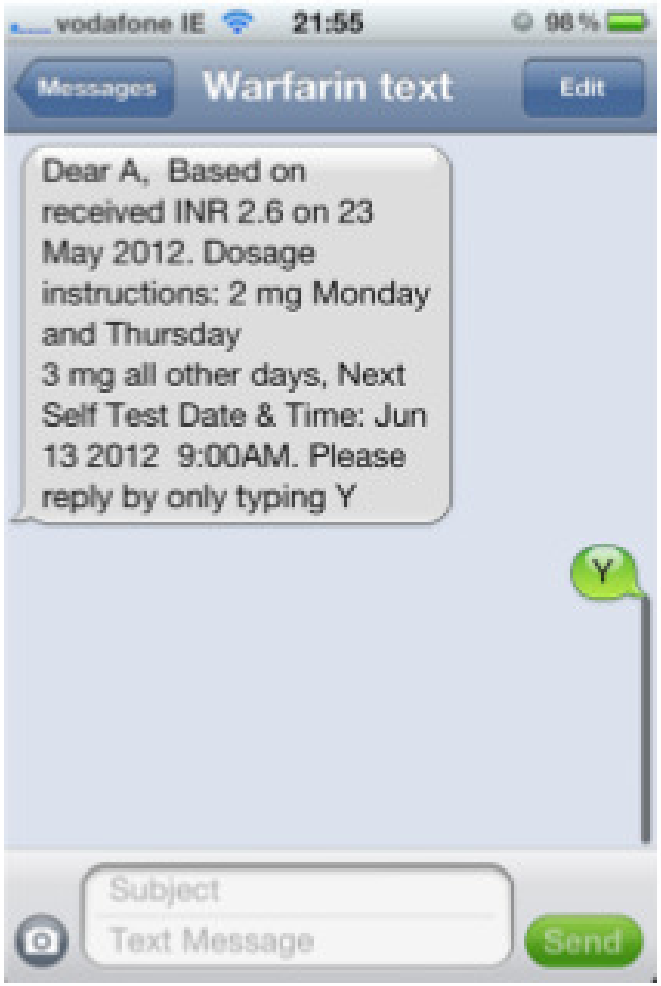
Case 3 - Self-testing via Text Message



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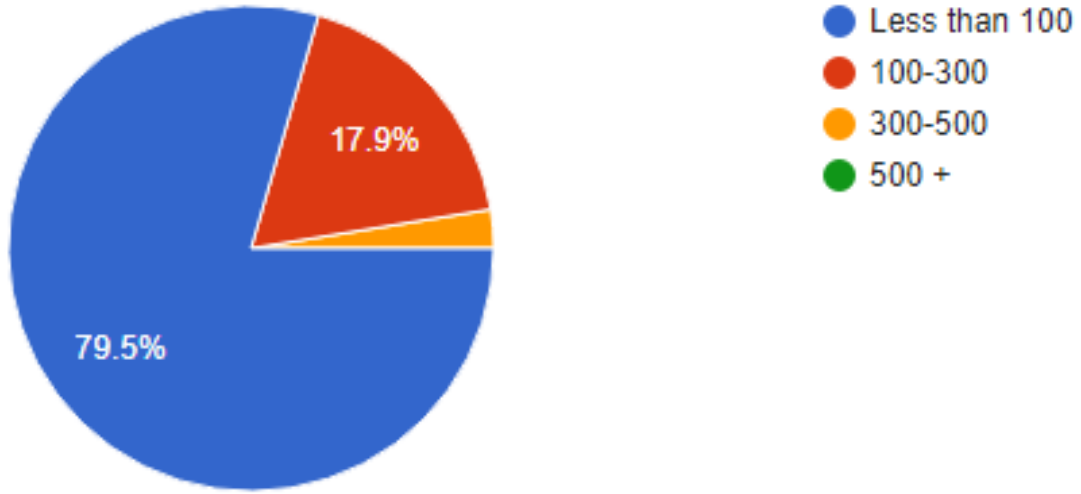
Customer Survey - Self-testing

- 96% have self-testers within their patient population
- 79.5% of customers have less than 100 patient self-testers



- 75% are seeing their self-testing patient cohort growing

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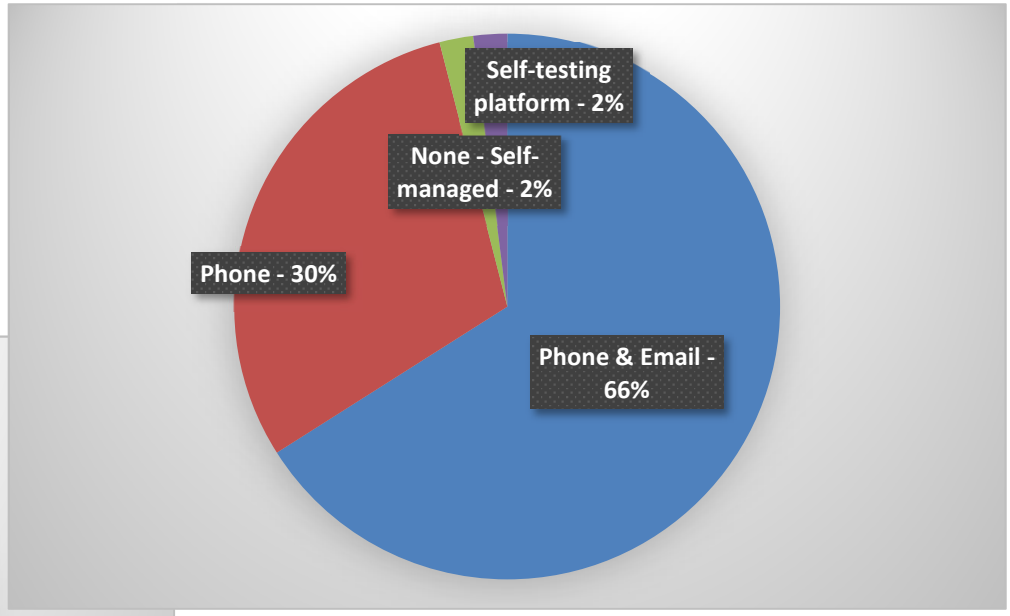
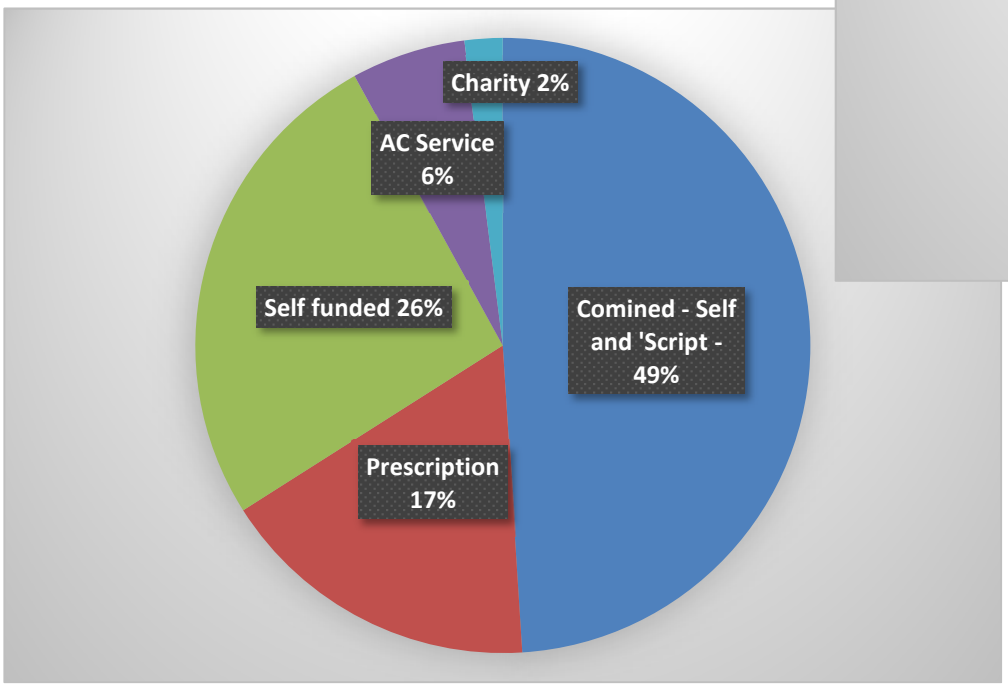
Survey - Self-testing

Reporting INRs



Funding?