

# IT connectivity in Primary care Experiences in shared care for INR monitoring

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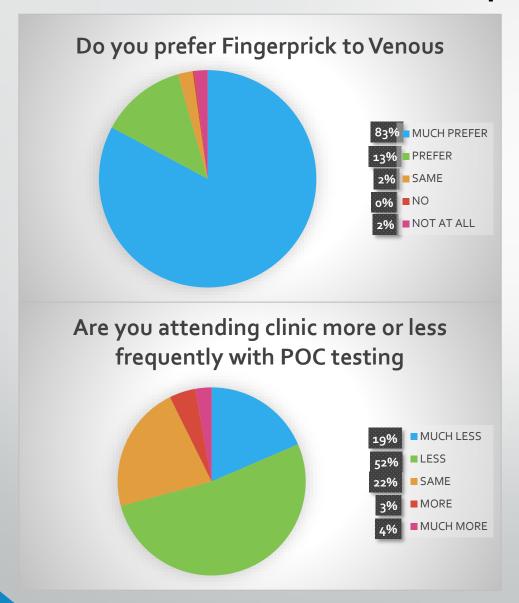


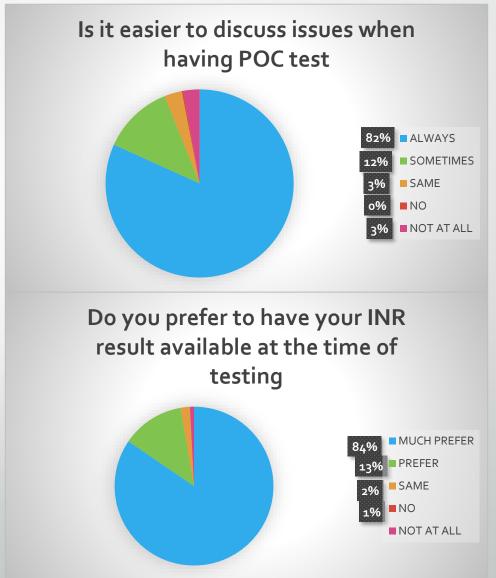
#### Overview



- International Normalised Ratio (INR) is used to monitor warfarin therapy
- Dosing of warfarin
- Patient management in ABUHB
- Enhanced Service- what and why?
- Overseen by POCT Dept

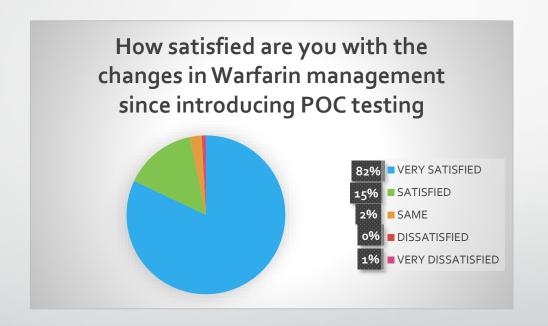
#### Patient experience







#### Patient overall experience





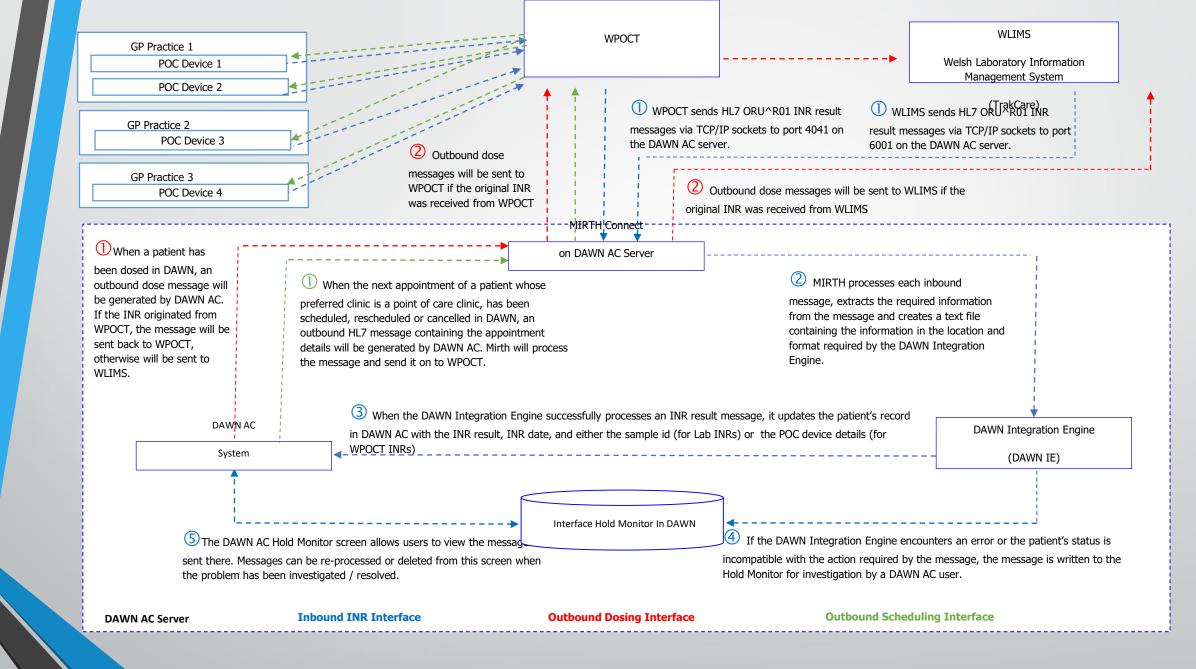
## IT Connectivity – Scope

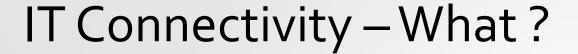


- 75 GP surgeries 68
  - 44 DAWN dosing 41
  - 24 Non DAWN dosing 18
  - 9 Not dosing or testing at all
- 25 D/N Bases
- 3 Anticoagulation Clinics
- 1,000 Operators using the devices
- 203 Devices

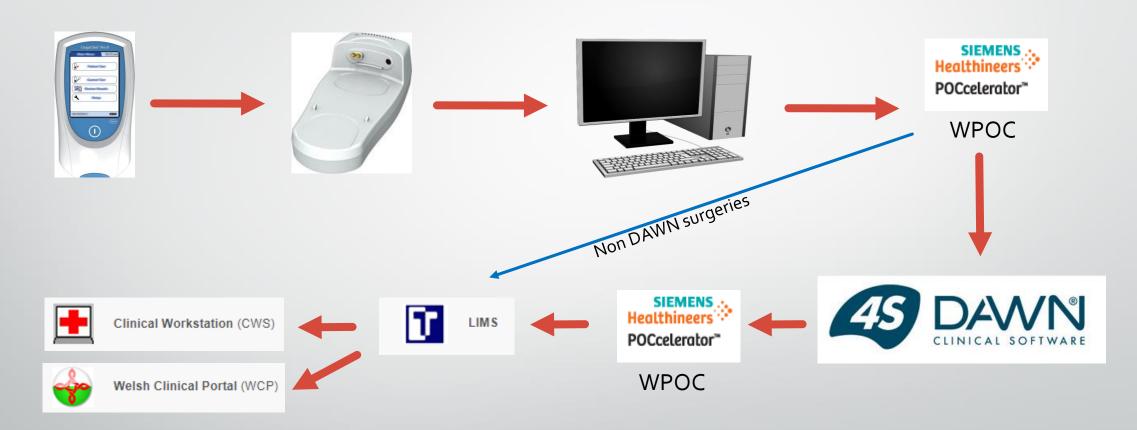


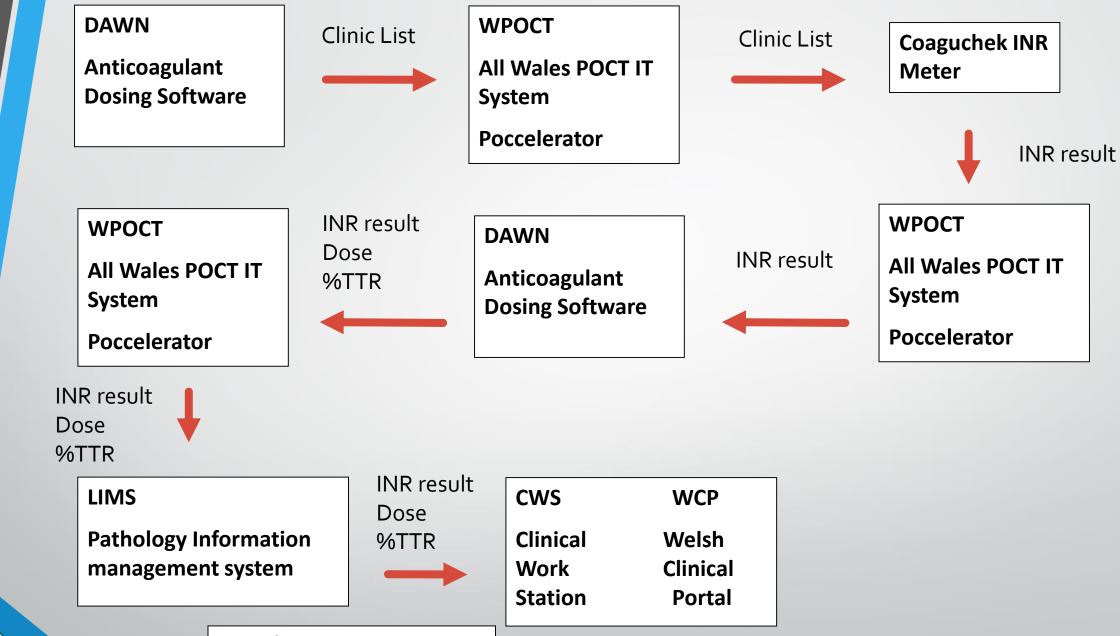
## IT Connectivity – What?











**EMIS/VISION** 

**GP** information system



## IT Connectivity – Why?



- ABUHB insisted as part of the project to ensure results are in the secondary care patient record.
- Prevent transcription errors



## IT Connectivity – How?



- Liaised with DAWN, Siemens, DHCW to create the data flow.
- Created spreadsheet of all the GP locations and identifying codes
- Siemens downloaded this information into WPOCT
- Installed USB driver to PC's in primary Care
- Configured the handheld base units to communicate with WPOCT
- Preparation of devices to be connected via the base units
- Preparation of WPOCT for the devices and the operators



### Challenges and solutions



- Covid
- Installation of USB drivers
  - New version of Base units does not recognise the pre- installed USB drivers !!
- Configuring the base units on site was very time consuming.
- Downloading and configuring device information to WPOCT on site was even more time consuming and frustrating
  - Data cleansing the device prior to docking
  - Setting up device in WPOC <u>before</u> visiting site
  - Configure patient list in WPOCT
- Time for results to transmit from WPOCT to DAWN !!!



#### Where are we now?



#### Connected:

- All 18 NON DAWN GP surgery 42 devices
- 20 D/N bases 42 devices
- 3 anticoagulation clinics 8 devices

40 DAWN dosing surgeries manually entering results into DAWN, but results, Dose, %TTR and next appt date connecting to WPOCT and downstream to LIMS, Clinical Work Station and Welsh Clinical Portal



## Looking Forward



- Retirement !!
- Connecting remaining 5 D/N bases 10 devices
- Connecting all Dawn dosing surgeries devices directly to WPOCT as originally intended – 80 devices
- Connection to the GP surgeries IT systems EMIS/Vision ideally but a way off.



Thank you

Any Questions?