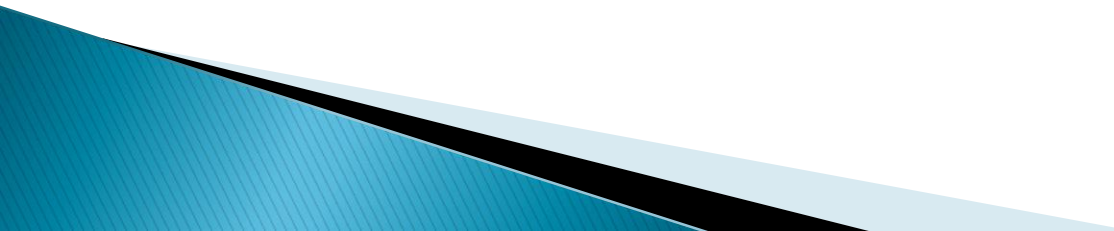


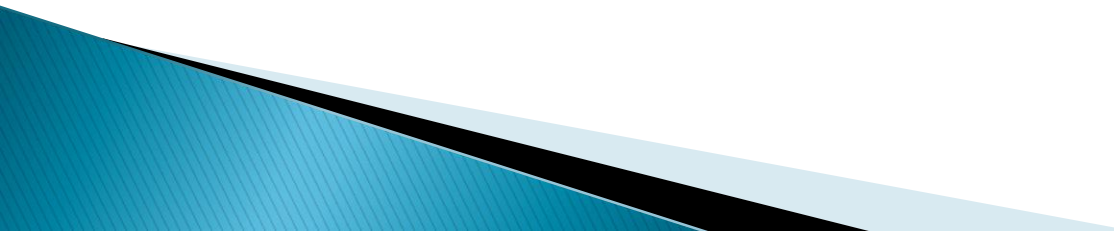
Arcos block management system – an update

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Introduction of Arcos to DGRI

- ▶ Histopathology dept moved to brand new hospital premises in Dec 2017
 - ▶ Arcos introduced as part of a range of new technologies for the new laboratory workflow
 - ▶ Installed in Jan 2018 - all 2018 blocks filed using Arcos
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Arcos block management

- ▶ Traditional block filing in numerical order is labour intensive and lacks traceability
 - ▶ Misfiling can be detrimental to diagnostic outcomes
 - ▶ Arcos uses barcode reader technology to record location of blocks to reduce these risks
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Arcos block management

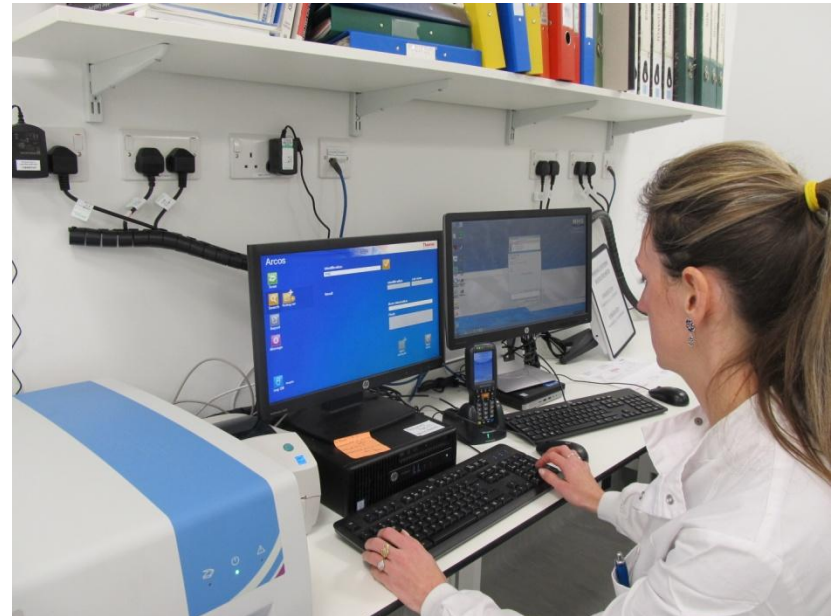
- ▶ Block filing

Block location recorded e.g. A7



Arcos block management

▶ Tray scanning



Arcos block management

- ▶ Block retrieval using PDA



Send blocks to picking list on PDA



Scan relevant tray number to reveal location of block



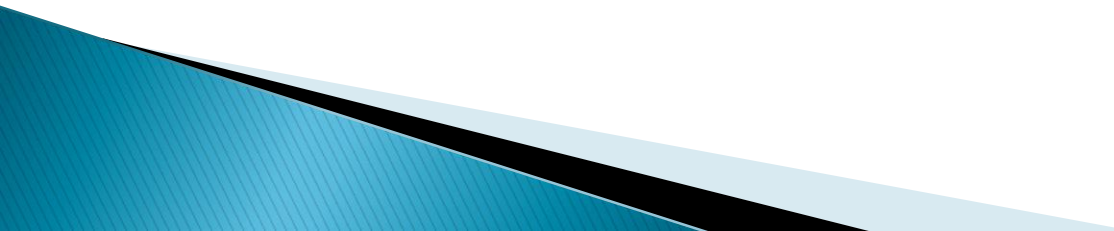
Scan correct block to 'book out' from system

Arcos block management

- ▶ Archiving
- ▶ Move trays to different location



Arcos – Benefits

- ▶ Removing numerical block filing saves staff time – no need to move trays when large cases come through cut-up or decal
 - ▶ Traceability – can see when block was taken from system and who by
 - ▶ Removes risk of misfiling or cutting incorrect block
- 

Arcos – Challenges

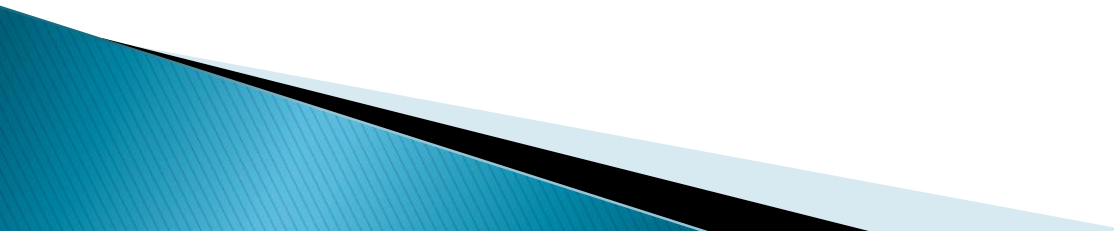
- ▶ Compatibility with cassette printer barcode
- ▶ Manual entry of blocks – input errors cannot be deleted
- ▶ Barcode too large on blocks with over 10 characters in surname – no quiet zone



Arcos – barcode integrity



Arcos – moving forward

- ▶ Feedback user issues to Thermo – these will be addressed at next Arcos software upgrade
 - ▶ Training of new staff/keep current staff competencies up to date
 - ▶ Incorporate Arcos onto audit schedule – examination audit on our use of the system
- 

Arcos – summary

- ▶ User friendly software
- ▶ Efficient use of staff time
- ▶ Improvement in traceability
- ▶ Teething problems fed back to Thermo

