

# PathCollect<sup>®</sup>

Simply the Best Sample Collection  
System in the World



# Right Sample. Right Patient.

## Phlebotomy Management: An Inefficient Process

Current processes for the management of sample collections can be inefficient. Sample labels are often printed in the lab, away from both the patient and the caregiver performing the collection. This can cause:

- Incorrect patient identification
- Mislabelling or mishandling of samples
- Time consuming data entry in the lab
- Re-labelling of samples in the lab
- Inaccurate collection data (e.g. time of collection)

Incorrectly collected or labelled samples can delay and compromise patient care.

## Improved Phlebotomy Workflow

PathCollect displays a real-time collection list on a mobile handheld computer and then efficiently guides the phlebotomist through the collection process. With a wireless connection (not required), the worklist is updated automatically so the caregiver never misses a draw. STAT and patient risk alerts are also sent instantaneously. The laboratory can then monitor and control the samples requested, collected and received via the easy-to-use PathCollect Manager dashboard.

## Efficient Sample Processing

Accession number barcodes (directly from the laboratory information system) are printed on the sample labels which can be scanned as received in PathCollect Manager (or the LIS) and sent directly for processing.

## Sophisticated but Easy-to-Use

At the bedside, the phlebotomist or nurse is led through a step-by-step process for correct sample collection. The process is as simple as:

1. Scan the caregiver's ID badge
2. Select the location and patients with outstanding orders are displayed
3. Scan the patient's wristband
4. Collect the sample types as indicated on the screen
5. Print the sample labels
6. Label the samples
7. Confirm the collection



## Flexible Implementation

PathCollect can be implemented as a phased or modular deployment to suit the needs of your hospital or region. Although wireless communication is preferred, PathCollect also works seamlessly in non-wireless areas and even without an interface. Every hospital can deliver immediate improvements in sample collection while allowing for future expansion.

## Positive Patient Identification (PPI)

Neoteric has developed the AutoPPI positive patient identification system to improve patient safety. AutoPPI uses identification technology such as 2D barcodes (and RFID where appropriate) to encode specific details of the patient onto their wristband. AutoPPI utilises the five key criteria required to make a positive identification **without a wireless network**:

- Hospital ID number
- Last name
- First name
- Date of birth
- Gender



So with 1 scan of 1 barcode, the patient is identified by 5 criteria. 1+1=5 gives you the assurance that the right patient is given the right care at the right time.

## Complete Solution

As part of the Neoteric hospital solution suite, take comfort in knowing that your hardware, software, training and implementation investment can be leveraged by adding modules such as **transfusion management** (BloodTrack®), **mother's milk management** (LacTrack®) and **chemotherapy administration** (ChemoTrack®).



## PathCollect Solution Suite

### PathCollect

Provides caregivers with real-time collection lists, positive patient identification and sample labels printed on demand at the bedside.

### PathCollect Manager

Allows for the efficient management of laboratory workflow by monitoring sample status, updating orders, receiving samples, and creating audit reports.

### AutoPPI®

Positive patient identification using 2D barcoded wristbands and handheld computers (PDAs).

PathCollect ensures best practice in sample collection

# Benefits



## Benefits for the Laboratory

- Improved workflow increases lab efficiency
- Improved phlebotomy efficiency reduces turn-around-time (TAT)
- Fewer unnecessary collections and redraws reduces wastage
- Real-time monitoring and reporting increases control and reduces costs

## Benefits for Nurses and Phlebotomists

- Easy-to-use
- Reduced sample collection errors
- Reduced transit time with real-time updated worklists
- Reduced risk to the caregiver via patient status warnings on the handheld

## Benefits for Hospital Administration

- Increased patient safety reduces liability
- Reduced time from test order to results ensures treatment or discharge can occur earlier

## Testimonial

*"We were very impressed by Neoteric's solution and its ability to truly integrate a wide-range of Microsoft software platforms into a highly scalable, configurable, robust and easy-to-use application."*

Chris Sullivan  
U.S. Health Industry Solutions Director  
Microsoft Corporation

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