



epoc[®] imaging patient pathway **Tom's Story**

The patient's story

Tom is a 57-year-old busy professional. He recently suffered a heart attack and is now under close care of his doctors.

Tom has been given an appointment for a CT scan and his manager is not pleased as Tom has already missed a lot of work due to his health issues. At a previous appointment when Tom checked in for his CT scan the nurse informed him that he needed a creatinine with eGFR test before his CT scan to confirm his kidneys are working properly. Because he needed to get back to the office that day, he was unable to wait for the blood test and have a CT scan, so has had to return to the hospital for a second time.

Kidney function is typically assessed prior to any CT scan that requires an injection of contrast media. This ensures the injection will not adversely affect the kidneys. This assessment is done with a simple creatinine blood test, which is used to calculate an eGFR (estimated glomerular filtration rate) and can be used to evaluate overall kidney function.



- Today, Tom has an appointment for a CT scan.
- Patients attending a CT scan often need to have their kidney function assessed. This can take around 2 hours when bloods are sent off to the central lab for analysis.

Normally, a patient like Tom would make a separate appointment for the blood draw. Where the sample is then transported to a laboratory to be processed and analysed for creatinine results. These results are taken together with the patient's gender, age and race to determine the eGFR Which can take up to two hours on average in the lab.

However, the imaging department at Tom's hospital has now optimised the diagnostic experience by implementing point-of-care testing.

This meant that when Tom arrived for his scan, a blood test was instantly available using the epoc® Blood Analysis System right in the Radiology department.

The clinic didn't lose revenue that day because of a missed CT scan and Tom was quickly able to get back to work. This is not only great news for Tom, but also for the health system.

The challenge

Missed appointments currently costs the NHS more than £1billion a year*.

*The Guardian www.theguardian.com/society/2018/jan/02/patients-missing-their-appointments-cost-the-nhs-1bn-last-year

The solution

Enhancing the patient journey with the epoc® blood analysis system.

The outcome

Reducing waste across clinical pathways allows organisations to transform care delivery while optimising the patient experience.



- However, Tom's Radiology Department has now optimised the diagnostic experience by implementing point-of-care testing.



- When Tom booked his appointment, a blood test was available using the epoc® Blood Analysis System.



- Tom's results were checked and recorded and are now part of his patient record. Which means Tom spent less time at the hospital and can get back to his day faster.

**Expanding
precision
medicine**

**Transforming
care
delivery**

**Improving
patient
experience**

**Digitalising
healthcare**

The services described herein are outlined in good faith and represent proposed offerings which are subject to change.

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