Baxter
ICNET
CLINICAL SURVEILLANCE SOFTWARE

Tallaght University Hospital, Dublin is Early Irish Adopter of ICNET

As is the case at many hospitals around the world, Tallaght University Hospital (TUH) in Dublin, Ireland, has used laborious manual processes to identify, trace, and contain sources of infectious disease within its facilities. Microbiology Departments and the Infection Prevention & Control (IPC) teams comb through disparate sources such as clinical notes, medication records, vital signs and laboratory results, copying and pasting data onto spreadsheets. This time-consuming work leads to inefficiencies, low quality data and delayed reporting, whilst also reducing IPC staff time that could be spent in the clinical setting. Yet it can still miss important warning signs, and patterns suggestive of an outbreak are not always obvious. Measures for infection prevention and control need to be appropriate and responsive.

Looking to close what they saw as a critical gap in care, TUH's leadership initiated a process under the National Public Procurement Framework for the provision of a Healthcare Acquired Infection Control System. The successful appointment of Baxter **ICNET** under this national framework agreement means that other hospitals across Ireland will also be able to take advantage of the simplified tender process.

In use in more than 1,400 facilities around the world, **ICNET** Infection Prevention is an automated clinical surveillance, decision support, and alerting system that integrates data from different hospital systems to produce actionable insights to support the lowering of infection rates. Among Baxter **ICNET**'s global successes have been helping users deliver a 79% reduction in healthcare-associated surgical site infections[1] and a 41% reduction in time spent on common daily infection control tasks[2]. TUH acquired and implemented Baxter's **ICNET** Infection Prevention, and the system is now in live

use. **ICNET** forms part of TUH's overall approach to its Digital Enabled Care Strategy.

David Wall, CIO commented, *'TUH are delighted to partner with Baxter Healthcare. ICNET is an important piece of our electronic patient record jigsaw and will give us meaningful insights into our IPC approach.'*

Shaini Paul Mathew, Assistant Director of Nursing said, *'ICNET has helped improve our efficiency by removing the manual processes that were previously very time consuming. The availability of real time data helps IPC to make safe decisions for patient management immediately.'*

Next year TUH plans to expand the use of **ICNET** with the implementation of its Surgical Site Infection Surveillance (SSIS) module.

Baxter **ICNET** already has a strong base in the UK. It is used by over 40% of UK NHS Trusts and Health Boards, is the national system for surveillance in Wales and is the sole infection prevention vendor for NHS Scotland[3].

ICNET Infection Prevention is part of the **ICNET** Hospital Suite of products which supports infection prevention professionals within the healthcare facility setting, while **ICNET** National Suite supports public health communicable disease professionals at the mass population level. Together they support a holistic approach to clinical surveillance, outbreak management and antimicrobial stewardship.

For further information:

https://www.icnetsoftware.com

ABOUT TALLAGHT

Tallaght University Hospital is one of Ireland's largest acute teaching hospitals with adult, psychiatric and age-related healthcare on one site. The hospital has 495 adult beds with over 3,000 people on staff. TUH is a provider of local, regional and national specialties. It is also a national urology centre, the second largest provider of dialysis services in the country, and a designated trauma unit.

TUH is one of the two main teaching hospitals of Trinity College Dublin - specialising in the training and professional development of staff in areas such as nursing, health & social care professionals, emergency medicine and surgery, amongst many others. TUH is part of the Dublin Midlands Hospital Group which serves a population of over 1.2M across seven counties.

In 2020 TUH's Emergency Department catered for over 48,000 attendances and a further 277,890 patients were treated through TUH's outpatient clinics. The hospital's operations are supported by 200 general practitioners in surrounding communities and aligned with Community Health Organisation Area 7 (CHO7).

References:
[1] Whatley V, Corbett K. (2017). Large-scale communication of surgical site infections to improve patient safety and drive efficiency.
[2] Simpson D. 2010). An evaluation of time and clinical implications of an automated infection prevention surveillance system.
[3] Data on file. Baxter Healthcare, 2020.

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