

A healthcare worker in blue scrubs is using a stethoscope to examine a young child in a hospital setting. The child is wearing a blue and yellow plaid shirt. The background is a blurred hospital environment.

Baxter

ICNET

CLINICAL SURVEILLANCE SOFTWARE

HOSPITAL SUITE

PROTECT

Protecting the health of clinicians
as they care for the ill

Disease surveillance and management tools for occupational disease are a critical component of overall infection prevention and control, as disease transmission from healthcare workers to patients is a primary area of concern when trying to prevent healthcare-associated infections (HCAIs) in the hospital setting. Healthcare workers have direct contact with patients and body fluids, increasing their risk of contracting and transmitting infectious diseases if not sufficiently protected.

While viral transmission of hepatitis, HIV and other blood-borne pathogens due to needle stick injury remains a significant concern,¹ healthcare workers are highly vulnerable to other pathogens. This includes emerging infectious diseases, as evidenced by healthcare workers' higher infection rates during outbreaks of SARS, H5/N1 avian influenza and H1/N1 swine influenza.²

Vaccination and other disease protection methods such as use of personal protective equipment (PPE) and screening for communicable diseases help ensure healthcare workers protect themselves, their family and their patients.



Comprehensive Protection for a High-Risk Population

ICNET Protect addresses the unique risks within healthcare worker populations, who are more susceptible to infectious disease acquisition due to the nature of their work. The software collects, alerts and reports on the status of immunity and other disease protection activities for personnel working in healthcare environments to reduce the risk of transmitting disease to both patients and healthcare workers.

Protect is included as part of **ICNET Hospital Suite**, a comprehensive product suite supporting infection prevention and control and antimicrobial stewardship activities in the clinical setting.

Healthcare workers represented

1 IN 5

people affected by SARS globally²

IMPLEMENT PROTECTION, SAFELY AND EFFICIENTLY

ICNET Protect enables users to define a population and their protection requirements to ensure the right people get the right set of protections they need.

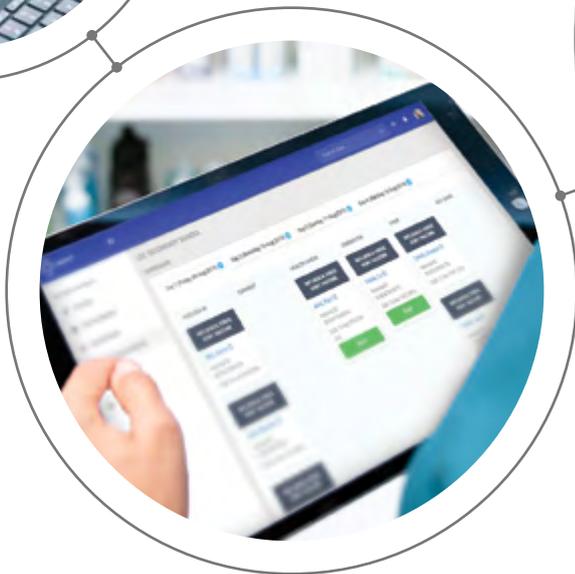
- Facilitates the assignment and tracking of all aspects of protections, including vaccinations, tests for immunity and absence of disease, disease prophylaxis and personal protective equipment
- Streamlined clinic management tools help simplify the documentation and reporting of consent, administration, adverse events and disease exposures



MAINTAIN PROTECTION WITH INTEGRATED RECORDS

ICNET Protect maintains a single and complete record of disease and protection status to effectively assess the healthcare worker's compliance with protection protocols and suitability for safe employment at any point in time. Continued management and maintenance of the healthcare worker and his or her associated record is simplified through:

- Full alerting and notification of new or expiring protection requirements
- Easy documentation and management of administration activities, adverse events and disease exposures
- Analytics tools support investigation of protections and disease exposures
- System-wide and exportable reporting functionality



ADAPT USING A WHOLE-CLINIC SOLUTION

ICNET Protect is adaptable to the needs of any clinic type, whether in routine or ad hoc settings. Additional functionality that will help streamline protection needs in your healthcare facility include:

- Automatic population of healthcare worker details into clinics for maximum speed and accuracy of registration
- Interactive work board allows users to visually track healthcare worker processing and status, helping to manage demand and assign resources accordingly

ICNET CLINICAL SURVEILLANCE PLATFORM



Registry



PPS



Outbreak
Manager



Case
Manager



Protect



**ICNET
National
Suite**

Inform policy
and drive timely,
appropriate public
health interventions



**ICNET
Hospital
Suite**

Better inform clinical
decision-making to
improve patient care
and outcomes



Infection
Prevention



ABX
Steward



Outbreak
Manager



Protect

A **MORE** Integrated Approach to a Complex Challenge

ICNET is the only platform to provide a seamless solution across the hospital and public health settings, ensuring **MORE** people are protected.

ICNET Hospital Suite 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, with customisability to meet the specific needs of your organisation.

Effective clinical surveillance has been shown to improve health outcomes by providing early warnings of emerging threats and data to identify and act on long-term trends.³

Visit [ICNETsoftware.com](https://www.icnetsoftware.com) to request a demo.

1. Cooke CE, Stephens JM. Clinical, economic, and humanistic burden of needlestick injuries in healthcare workers. *Med Devices (Auck)*. 2017;10:225-35. 2. Nienhaus A et al. Infectious diseases in healthcare workers – an analysis of the standardized data set of a German compensation board. *J Occ Med Tox*. 2012;7:8. 3. Review on Antimicrobial Resistance. Tackling drug-resistant infections globally: final report and recommendations. May 2016.

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