



Infection Prevention

ICNET provides system-wide visibility into clinical information, alerting you to events in near real-time.

“Prevention first. Every infection prevented is one that needs no treatment”.¹

INFECTION PREVENTION

You have 20 triggered alerts
[Alerts](#) | [Reports](#) | [Utilities](#)

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Alerts

Unreviewed (20)

	Name	Date triggered	Patients
⚠	2 X Norovirus on same ward	Wed 10-Aug-2016 13:24	View
⚠	C difficile	Wed 10-Aug-2016 16:44	View
⚠	CRE Organism - Isolate with Contact Precautions	Wed 10-Aug-2016 14:35	View
⚠	ESBL Readmission - Isolate with Contact Precautions	Wed 10-Aug-2016 14:37	View
⚠	MRSA readmission	Wed 24-Aug-2016 16:50	View

Show more

Latest surgeries

Import: Wed 07-Sep-2016

Latest alert organisms

Import: Thu 11-Aug-2016

All (5) | Unreviewed (3)

Patient	Location	Organism
DARBYSHIRE, Leroy K465332 (34y)	BH Falcon Ward (Discharged)	Bordetella pertussis Sputum
POPLEY, Savannah D825229 (43y)	BH Falcon Ward (Discharged)	Kleb.pneumo possible AmpC+ resistant Blood
SABBERTON, Katrina E354630 (64y)	Stepdown ICU 6	Klebsiella pneumoniae Urine, foley Port

Watch list (6)

Patient	Location
★ ARIES, Ryder	Not an inpatient
★ OTTERWELL, Marlee	Dell Hospital, Stepdown ICU 6, 2204-A
★ SABBERTON, Katrina	Dell Hospital, Stepdown ICU 6, 2212-A

¹World Health Organization. (2015). Global Action Plan on Antimicrobial Resistance.



Monitors data across existing clinical information systems for user-defined events, including potential infections, patients requiring isolation and event clusters.

Alerts for lab results, readmissions, potential HCAs, clusters and statistical shifts.

Multidrug resistant Pseudomonas

Last triggered: Sat 05-Nov-2016 21:24

Unreviewed

Reviewed

Patients

☐	First Name	Surname	Date of birth	NHS Number	Hospital ID	Hospital Name	Ward	Consultant	Consultant Sp	Directorates	Date triggered	Review
☐	Mark	Adams	23-Apr-1945		A622669	Dell Hospital	Med/Neuro Ward 4	Pearl Blatherwick	5th Floor		17-Aug-2016 14:31	Unreviewed

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50

View 1 - 1 of 1

ESBL Readmission - Isolate with Contact Precautions

Last triggered: Thu 18-Aug-2016 14:38

Unreviewed

Reviewed

Patients

☐	First Name	Surname	Date of birth	NHS Number	Hospital ID	Hospital Name	Ward	Consultant	Consultant Sp	Directorates	Date triggered	Review
☐	Christie	Biskupiak	28-Apr-1964	8210867784	A672897	Dell Hospital	BH Falcon Ward	Demarcus Purton	1st Floor		18-Aug-2016 14:37	Unreviewed
☐	Nia	Surcomb	10-Aug-1952	8821585689	H990875	Dell Hospital	Med/Neuro Ward 4	Skylar Tovey	5th Floor		18-Aug-2016 14:37	Unreviewed

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View 1 - 2 of 2

Possible CAUTI (IP)

Last triggered: Tue 05-Jul-2016 22:22

Alert description: Potential CAUTIs needing investigation. Based on inpatient with urine positive for sufficient bacteria. Includes ADT component so that admission dates are available in the "alert values" pop-up.

Unreviewed

Reviewed

Patients

☐	First Name	Last Name	Date of birth	NHS Number	MRN	Hospital Name	Unit	Consultant	Consultant Sp	Directorates	Date triggered	Review
☐	Katrina	Sabberton	12-Nov-1951	9961694015	E354630	Dell Hospital	Stepdown ICU 6	Horace Olenov	Definitive Care		05-Jul-2016 22:22	Unreviewed
☐	Marlee	Otterwell	05-Sep-1950	9215156925	P148795	Dell Hospital	Stepdown ICU 6	Horace Olenov	Definitive Care		05-Jul-2016 22:22	Unreviewed

Orthopaedic Surgery with Potential SSI

Last triggered: Fri 19-Aug-2016 17:09

Alert values

Specimen	Organisms	Date of specimen
Blood (3386406) Surgical Care Ward 6	Mixed colonies Coag neg Staph Non-Fermenter species	30-Jul-2016 14:45
Tags	Tags dates	
SSI Surveillance	Applied at (23-Jul-2016 08:12) - Expired at (21-Oct-2016 08:12)	



Tracks surgical patients, individuals exposed to

communicable diseases and others, alerting you to readmissions and potential infections.



Helps infection prevention and control teams and microbiologists work more efficiently, giving you the tools to address the challenges of healthcare associated infections (HCAIs) and patient safety.

BH Falcon Ward (17) ICU/CCU 4 (14) Med/Neuro Ward 4 (50)									
Use the arrow keys to scroll left and right →									
Select	Name	MRN	Bay/Bed	Age	Medications	Organisms	Temperature	White Blood Count	Rating
Action: C diff report Choose									
☐	EGELL, Mack	C695117	2257-A	82y	vancomycin 250MG Q6H Last given: 05-Aug-2016 22:30	C diff PCR Result Positive - C DIFFICILE BY PCR - STOOL (04-Aug-2016 19:30), MRSA PCR Result Positive - MRSA PCR NASAL SCREEN AT ADM (04-Aug-2016 08:25)		25.9 K/mm3 (06-Aug-2016 12:20)	

Patient lists for prioritisation of interventions.



Resources to assist with outbreak management: exposure tracking, contact tracing, cross-infection matrix.

ADAMS, Mark

Born 23-Apr-1945 (71y)

Admitted 02-Jul-2016

Length 66 days

Sex Male

Consultant Pearl Blatherwick

Location Med/Neuro Ward 4

05-Aug-2016

Room 5555, Bed B

Hospital ID A622659

Case Reviewed?

Tags: Beta Lactamase Producer, MRSA History

Address ...

Phone and email ...

Observations and Vitals (39)

Location and diagnosis

Allergies

Cases

Results

Micro

Devices (0)

Surgery

Conditions

Infections

Notes

Locations

Isolation

Rx

Radiology

Tags (2)

Tasks (1/1)

Obs

Alerts

Cases

Case 3

Case 2

Case 1

Case summary (Reviewed at 18-Aug-2016 12:00 Sharon Tan)

Opened

20-Jun-2016 02:00

Closed

This case is open

Click here to close the case

Case results

Organism

MRSA PCR Result Positive

C diff PCR Result Positive

Page 1

Case conditions

Condition

Altered Level of Consciousness

Diarrhea

Diarrhea

Page 1

18.225

18.2

18.175

18.15

18.125

18.1

18.075

4-Jul

11-Jul

18-Jul

Sat 9-Jul-2016 17:01

C difficile By PCR - Stool (3361121) Final

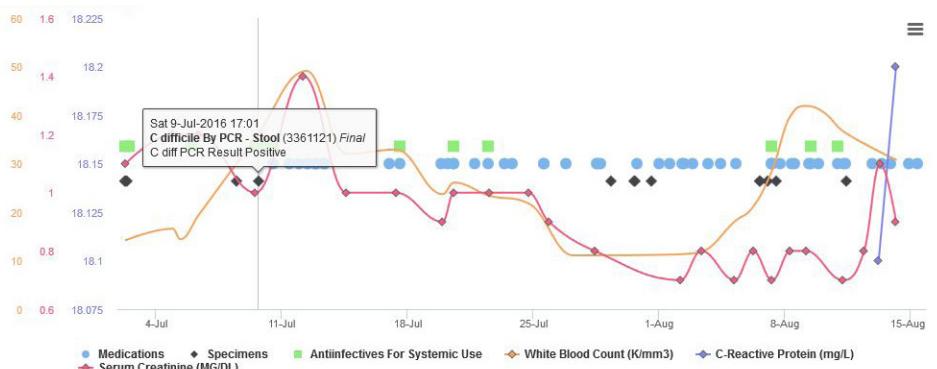
C diff PCR Result Positive

Medications

Specimens

Antitoxins For Sys

Case management tools for an in-depth view of a patient's clinical condition.



Watch List for patients who need close surveillance.

Watch list (1)										
← Use the arrow keys to scroll left and right →										
Select	Name	MRN	Room/Bed	Age	Active alerts	Medications	Organisms	WardCode	White Blood Count	Rating
☐ Action: C diff report Choose										
Ward: BH Falcon Ward										
☐	BISKUPIAK, Christie	A672897	114-A	52y					9.5 K/mm3 (07-Aug-2016 09:00)	
☐	VONDRAČEK, Victor	E195697	120-A	69y					23 K/mm3 (08-Aug-2016 13:00)	
Select	Name	MRN	Room/Bed	Age	Active alerts	Medications	Organisms	WardCode	White Blood Count	Rating
Ward: ICU/CCU 4										
☐	STARTE, Gerald	D231623	2256-A	73y	BL C 48		MRSA PCR Result Positive - MRSA PCR NASAL SCREEN AT ADM (07-Aug-2016 19:45)		21.9 K/mm3 (08-Aug-2016 03:55)	
Select	Name	MRN	Room/Bed	Age	Active alerts	Medications	Organisms	WardCode	White Blood Count	Rating
Ward: Med/Neuro Ward 4										
					2 X Aspergillus on same ward, BL C 48, IVAC Alert, MDRO Pseudomonas, Multidrug resistant Pseudomonas.		C diff PCR Result Positive - c DIFFICILE BY PCR - STOOL (01-Jul-2016 17:01), C diff PCR Result Positive - c DIFFICILE BY PCR - STOOL			

Tasks supporting effective communication: refer patients to your colleagues and assign tasks to yourself and others as needed.

Task Reminder			
Task	Due Date	Priority	
Review Patient	19-Aug-2016 11:04 (2 weeks overdue)	1 - High	View
Close			

View Task	
Task Name	Review Patient
Description	Check that appropriate protocols are continuing to be implemented
Due Date	19-Aug-2016 11:04 (2 weeks overdue)
Set By	Victoria Scott
Assigned To	Victoria Scott (In progress)
Patient	ADAMS, Mark Hospital ID: A622669
Priority	1 - High
Status	In progress
Reminder	Remind when due
Reset Reminder	-- --
Close Save	

Tags for highlighting specific patients and reporting over time.

Patient	MRN	Date of birth	Sex	Tag	Current consultant	Admission Date	Discharge Date	Current Unit	Applied at	Expired at
Tag: CRE										
SABBERTON, Katrina	E354630	18-Dec-1951	Female	CRE	Horace Olenov	04-Aug-2016 23:00		Stepdown ICU 6	11-Aug-2016 03:01	
Patient	MRN	Date of birth	Sex	Tag	Current consultant	Admission Date	Discharge Date	Current Unit	Applied at	Expired at
Tag: ESBL										
ANTONOPOULOS, Connie	G835887	16-Oct-1981	Female	ESBL	Tiffani Point	25-Dec-2015 01:20	26-Dec-2015 13:05	BH Falcon Ward	26-Dec-2015 08:15	
ARNALDY, Robyn	G911618	04-Dec-1958	Female	ESBL	Monty Seakin	22-Apr-2016 10:59	25-Apr-2016 11:37	BH Falcon Ward	25-Apr-2016 08:00	
ASHMOLE, Aimee	G660885	02-Sep-1930	Female	ESBL	Horace Olenov	22-Oct-2015 13:42	01-Jan-2016 17:00	BH Falcon Ward	24-Oct-2015 08:30	
BANISHEVITZ, Dorothea	K643626	09-Apr-1919	Female	ESBL	Shannon Gingold	17-Dec-2015 18:54	22-Dec-2015 16:18	Med/Neuro Ward 4	20-Dec-2015 07:45	
BASTIAN, Gabriela	K451036	30-Oct-1972	Female	ESBL	Jarred Muschette	01-May-2016 23:54	03-May-2016 13:23	Med/Neuro Ward 4	03-May-2016 08:15	
BATCHELOR, Vicky	A164542	21-Sep-1921	Female	ESBL	Leticia Harnetty	26-Feb-2016 05:19	01-Mar-2016 16:25	Med/Neuro Ward 4	04-Sep-2015 11:23	
BEAMENT, Delilah	H966985	07-Sep-1924	Female	ESBL	Shannon Gingold	10-Dec-2015 16:22	17-Dec-2015 14:50	Med/Neuro Ward 4	22-Nov-2015 09:15	
BERNDTSSON, Kasey	K646882	21-Nov-1999	Female	ESBL	Paul Acklands	07-Oct-2015 14:29	08-Oct-2015 13:34	BH Slad Ward	06-Oct-2015 08:15	
BISKUPIAK, Christie	A672897	20-Apr-1964	Female	ESBL	Demarcus Purton	04-Aug-2016 12:06		BH Falcon Ward	01-Jan-2016 08:01	

Notes held in chronological order while highlighting different categories encouraging communication and collaboration between users.

Cases
Results
Micro
Devices (0)
Surgery
Conditions
Infections
No

All
Add note
Add case note
Case 3

Joe Smith 4 days ago (09-Sep-2016 15:29)

Prescriber has been informed of the most recent microbiology result to initiate a review of patient's therapy

Comment

Victoria Scott 7 days ago (06-Sep-2016 12:48)

spoke to nurse and advised on care for this patient, including isolation

Comment



Provides a repository for documenting investigations and interventions.

Intervention reports shows documented interventions and outcomes for analysis.

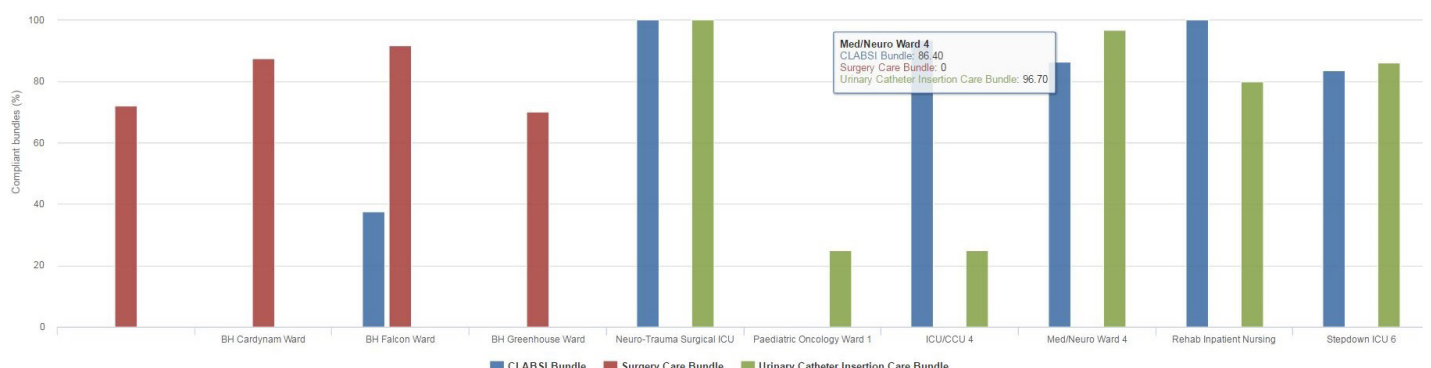
Report parameters

Med/Neuro Falcon ICU/CCU									
Use the arrow keys to scroll left and right →									
Patient	MRN	Date of birth	Intervention	Intervention date	Intervention by	Outcome	Outcome date	Alert	Alert triggered
BISKUPIAK, Christie	A672897	15-May-1964	IP: Isolation Initiated	08-Sep-2016 11:04	Joe Bloggs				
RADCLYFFE, Trey	C295194	06-Mar-1941	IP: Recurrence/Continuing Infection	08-Sep-2016 11:06	Joe Bloggs	New therapy agreed	08-Sep-2016 11:07	MRSA readmission	03-Sep-2016 13:46



Provides extensive reporting capabilities that allow you to analyse and communicate trends in process and outcome measures.

Reports for care bundle compliance.



Hand Hygiene (Entry/Exit) ▼

BH Falcon Ward

Location Audits

Expand all Add Audit

2016
Oct
04-Oct-2016

- 04-Oct-2016 13:18 (100%)
- 04-Oct-2016 13:12 (100%)

Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

Add / Edit Audit

Bundle date
04-Oct-2016 13:18

Audit Source
Infection Prevention Nursing

Role Audited
Auxiliary Nurse Physician

Entry
Yes No

Exit
Yes No

Cancel Save bundle



Supports documentation of audit data (e.g. hand hygiene, environmental cleaning, central line insertion, isolation precautions use) and enables combined analysis with infection rates, interventions and other data.

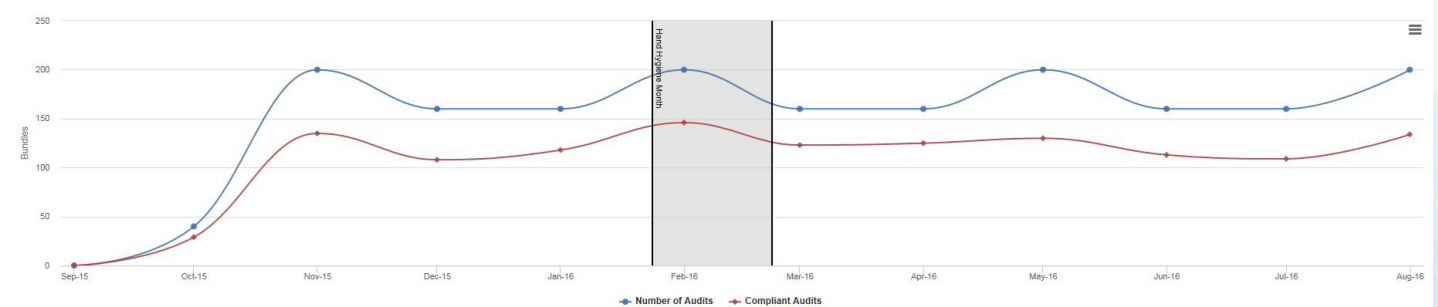
Surveillance utility for devices, surgical procedures and other audits.

Compliant Entry/Exit Hand Hygiene Audits Over Time (Bundles compliance reporting)

01-Sep-2015 to 31-Aug-2016

Edit selection Save report

Report parameters



Direct reporting for

Public Health
England

Health
Protection
Scotland

Public Health
Wales