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TIPCU Engagement Program in Rural Hospitals and Non-Acute Settings

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TIPCU ENGAGEMENT PROGRAM IN RURAL HOSPITALS AND NON-ACUTE SETTINGS

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- Member of the ACIPC 2013 Conference Scientific Committee

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Overview

- A novel approach to getting infection prevention and control messages out there..




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Background


- Risk identification in rural hospitals and non-acute sites
- Extensive review of:
 - Assessment tools
 - Education and training

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Project Aims


- Minimise health care associated infections
 - Build clinician capacity
 - Assess and manage infection control risks
 - Foster local ownership of infection prevention and control



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Infection Control Assessment



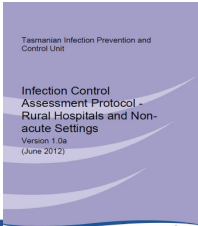
TIPCU – Infection Control Assessment Program

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Infection Control Assessment

- ICA Protocol – outlines framework
- ICA Tools
 - Component 1: Site Demographics
 - Component 2: Program Elements
 - Component 3: Site Assessments
 - Reporting templates



Tasmanian Infection Prevention and Control Unit
Infection Control Assessment Protocol - Rural Hospitals and Non-acute Settings
Version 1.0 (June 2012)

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Component 1 – Site Demographics

TPCU – Infection Control Assessment Tool 2012

Community Health Centre - Services and Procedures

Facility Name: _____
Contact: _____

Community Service	Yes/No
AMBULATORY CLINIC	

Statewide Mental Health Services - Services and Procedures


Facility Name: _____
Contact: _____

Services provided	Yes/No	Number of Beds	Comments

Rural Hospital Services and Procedures

Facility Name: _____
Contact: _____

Services Provided	Yes/No	Number of Beds	Comments
Inpatient - Acute Services			
Diagnosis			
Drug and Alcohol			

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Component 2 – Program Elements

Elements of an Infection Prevention and Control Program

Facility Name: _____
Contact: _____

Element 1 - Governance

Yes/No	Comments

Element 2 – Policy and Procedure


Yes/No	Comments

Element 3 – Education and Training

Yes/No	Comments


Element 4 – Surveillance

Yes/No	Comments

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Component 3 – Sites Assessments

Sterile Stock Storage	Yes/No	Comments
Expected outcome: storage of sterile stock complies with AS/NZS 4187: 2003		
Sterile stock in stockroom is dust free		
Sterile stock in stockroom is insect and vermin free		
Shelves and/or cupboards are non-porous, smooth, easily cleanable		
Sterile stock is removed from emergency boxes upon arrival		
Sterile stock stored separately from non-sterile stock		
Storage containers are non porous, smooth, easily cleaned		
Sterile stock is out of direct light or heat source		
Shelving is above floor by 25 cm and below ceiling by 44 cm		
Cleaning schedule in use		
Information is provided for staff about non conforming stock such as damaged packaging		
Further comments		

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Correctional Services

Services included:

- 6 adult inpatient beds
- Post op custodial admissions
- Forensic mental health service
- Correctional primary health
- Drug and alcohol
- Older persons services
- Dental services

ICA Component 1:
Services

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Correctional Services

Procedures included:

Continence management	Wound care
Foot and nail care	IM/SC injections
Vaccinations	Minor ops
Specimen collection	Dentistry

} ICA Component 1:
Procedures

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Correctional Services

• ICA Component 2 – Elements

Governance	No designated hours for IC activities No infection control management plan
Policy and procedure	Current guidelines not available
Education and training	Limited IC info for new staff No ongoing IC education
Surveillance	No surveillance activities undertaken

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Rural Hospital Network

Services included:

10 inpatient beds	2 emergency beds
5 aged care beds	Post natal care
Drug and alcohol	OT & Physio
Mental health	Continence advice
Podiatry	Obstetric clinics

} ICA Component 1:
Services

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Rural Hospital Network

Procedures included:

Chemotherapy	Minor ops
Foot and nail care	IV therapy
IM/SC injections	Wound care
Specimen collection	Vaccination
Trans-vaginal Ultrasound	

} ICA Component 1:
Procedures

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Rural Hospital Network

• ICA Component 2 – Elements

Governance	No defined governance structure No infection control management plan
Policy and procedure	Guidelines available but need updating
Education and training	Limited IC info for new staff No ongoing IC education
Surveillance	Limited surveillance activities undertaken

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Alcohol & Drug Services

Services included:

- Outpatient pharmacotherapy unit
- Inpatient withdrawal unit
- Community mental health service

Procedures included:

- Oral medication
- Urine specimen testing
- Blood collection
- Wound swabs

} ICA Component 1:
Services and Procedures

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Alcohol & Drug Services

ICA Component 2 – Elements

Governance	No infection control management plan
Policy and procedure	Current guidelines available
Education and training	Limited IC info for new staff No ongoing IC education
Surveillance	No surveillance activities undertaken

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Alcohol & Drug Services

For each gap identified please provide the details and in addition the action taken.

Assessment Type	Gap Identified	Action Taken
Hand hygiene infrastructure	ABHR/hand washing facilities absent from several areas across the service.	Additional supplies of ABHR ordered to be placed in clinical and non-clinical areas.
Hand hygiene assessments	Many staff were unaware of the process and required prompting. In particular the need to remove rings, bracelets and watches prior to hand washing.	Promotion of the correct hand hygiene training and assessment as well as posters on the '5 moments for hand hygiene' to be displayed at each hand washing station.
Waste signage	Signage guiding the segregation of waste missing from some areas.	Waste signage posters placed above all bins.
Personal protective equipment	Eye protection and gowns/aprons not readily available outside of the spill kits. Some areas also did not stock all sizes of non-sterile gloves.	Additional eye protection and aprons ordered, particularly for use when completing urine specimens. Additional gloves have also been ordered.
Environmental cleaning	Unknown cleaning schedule in most areas and covers that adequate cleaning is not being maintained.	Each area is to course the cleaning schedule and ask cleaner to follow the schedule outlined in the SARS infection control manual.
Storage and transport of urine	Urine specimens are regularly	When urine are collected and

ICA Component 3:
Site Assessments

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Reporting process

- Recommendations from TIPCU in relation to the elements sent to each participating site.

TIPCU – Infection Control Assessment Report 2012

Element 1 – Governance Recommendations

Gap	Action required	Outcome	By whom	Due date
No infection control program formally outlined.	Formalise current infection control activities into an IC program with appropriate outcome measures.	Clearly defined IP&C program that identifies routine infection control activities and other key priority areas	DON NUM IC Portfolio holder	2013

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EDONs & DONs – annual report

ICA and Education Report 2012

REAL HOSPITALS AND NON-ACUTE SETTINGS

Outcomes
During 2012 all sites completed their annual report for the year. The report provides a comprehensive overview of the current status of infection control in the health care services provided in the ICA. These reports are available on the ICA website and are also available in hard copy format. The ICA will continue to work with the health care services to ensure that the ICA is a key resource for all sites in the state. The ICA will continue to work with the health care services to ensure that the ICA is a key resource for all sites in the state.

Element	Challenges
Governance	Strong governance structure and infection control framework
Education	Health care services control program for new recruits, orientation program for new recruits, formal education course
Personnel and Processes	Standardized infection control policies and procedures
Surveillance	Standardized infection control policies and procedures

Non-acute has been provided with a comprehensive report detailing the results of the ICA. These reports also provide the opportunity to capture and collate data on EDONs, DONs and other areas. Copies of these reports can be obtained from the ICA or on request from the ICA.

For more information regarding the ICA or to request a copy of the ICA report, please contact the ICA on 1300 361 361 or visit the ICA website at www.tas.gov.au/ica.

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Major themes from 2012 ICA

Elements	Challenge and Response
Governance	No Infection prevention and control management plan. Template developed by TIPCU - cross referenced with ACSQHC Standard 3
Policy and Procedures	THO responsibility
Education and Training	TIPCU training program ACSQHC Orientation Module recommended THO responsibility
Surveillance	TIPCU Surveillance Modules for rural hospitals and non-acute settings

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IC Management Plan

Program Component	Actions required	Responsibility	Action Complete	Date completed	Review date	Standard 3 reference
Orientation	New staff to complete local IP&C orientation, ANED-COR, complete ACSQHC on line orientation program	THO IP&C CMC				3.11
Ongoing education	Annual program of IP&C topics developed which covers a selection of the following topics:	THO IP&C CMC				3.11
	Standard Precautions	THO IP&C CMC				3.11
	Transmission Based precautions	THO IP&C CMC				3.5, 3.11
	Hand Hygiene	THO IP&C CMC				3.11
	Respiratory hygiene and cough etiquette	THO IP&C CMC				3.7, 3.11, 3.15
	Personal protective equipment (PPE)	THO IP&C CMC				3.10
	Aseptic Technique	THO IP&C CMC				3.11, 3.15
	Waste management	THO IP&C CMC				3.11, 3.15
	Sharps handling and disposal	THO IP&C CMC				3.11, 3.15
	Environmental cleaning	THO IP&C CMC				3.11, 3.15
	Blood and body fluids	THO IP&C CMC				3.11, 3.15

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Surveillance Modules

Outcome

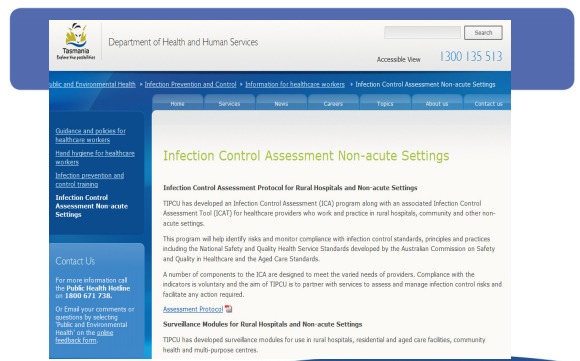
- MDRO
- Bloodstream Infection


Process

- Gastro Management
- Influenza Illness Management
- Indwelling Urinary Catheter Use



 Explore the possibilities






 Explore the possibilities

2013 Program

- One hour videoconference with each site
- Review:
 - Component 2 - elements recommendations
 - Component 3 - site assessments
- Introduce the IC Plan and Surveillance Modules
- Education opportunity



 Explore the possibilities

2013 Site follow up

TIPCU - Infection Control Assessment Tool 2012
Component 2 - Elements of an Infection Prevention and Control Program
Reporting Sheet

Facility Name: _____
Contact: _____

Please indicate which recommendations made by TIPCU have been actioned since your most TIPCU Infection Control Assessment in 2012.

Element 1 - Governance Recommendations		
Recommendation	Outcome	Date finished and by whom

TIPCU - Infection Control Assessment Tool 2012
Component 3 - Site Assessments Annual Reporting Sheet


Facility Name: _____

Please indicate which assessments have been undertaken in your facility during the preceding 12 months and of those assessments also indicate if gaps were identified.

Assessment Type	Please indicate which assessments were completed in your service		Please indicate those assessments where gaps were identified	
	Yes/No	N/A	Yes/No	N/A
Hand Hygiene - Infrastructure				
Hand Hygiene - Practice				
Waste Management				
Sharps Storage				
Personal Protective Equipment				
Environmental Cleaning				
Control of Water				
Control of Air (Meds)				
Control of Air (DGI)				
CDC Vehicles				

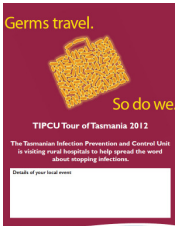
For each gap identified please provide the details and in addition the action taken.

Assessment Type	Gap Identified	Action Taken



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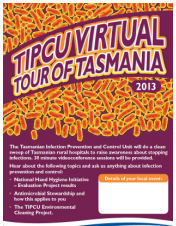
Education and Training



Germ travel.
So do we.
TIPCU Tour of Tasmania 2012

The Tasmanian Infection Prevention and Control Unit is inviting rural hospitals to help spread the word about stopping infections.


Details of your local event



TIPCU VIRTUAL TOUR OF TASMANIA 2013

The Tasmanian Infection Prevention and Control Unit will be a close friend of Tasmania's rural hospitals in this year's virtual stopping infections. 30 online interactive sessions will be provided for you about the following topics and an exciting game featuring educational facts about:

- Antimicrobial Resistance
- Infection Prevention and Control
- Antimicrobial Stewardship and how to apply it in 2013
- The TIPCU Environmental Cleaning Project




 Explore the possibilities

Where are we at?

- Clinician capacity
- Risk assessment
- Local ownership





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Thank you

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