

Reporting anaesthetic incidents to webAIRS

How to report incidents and which incidents to report

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ANZTADC is the Australian and New Zealand Tripartite Anaesthetic Data Committee. This committee represents and is funded by three organisations, the Australian Society of Anaesthetists, the New Zealand Society of Anaesthetists and the Australian and New Zealand College of Anaesthetists. The committee has developed 'webAIRS' (web based anaesthetic incident reporting system). This program can be incorporated into hospital systems to assist anaesthetists to report, evaluate and receive information regarding anaesthetic incidents. The results of the incident analyses may be fed back into the system and so the 'loop' can be closed as part of a quality improvement system.

Disclosures

ANZTADC is the Australian and New Zealand Tripartite Anaesthetic Data Committee which is funded by the New Zealand Society of Anaesthetists, the Australian Society of Anaesthetists and the Australian and New Zealand College of Anaesthetists.

- Dr Martin Culwick is the Medical Director of ANZTADC
- Dr Yasmin Endlich is the ANZTADC Publications Chair
- Ms Susan Considine is the ANZTADC Coordinator

Otherwise the authors above do not have a conflict of interest regarding this presentations.

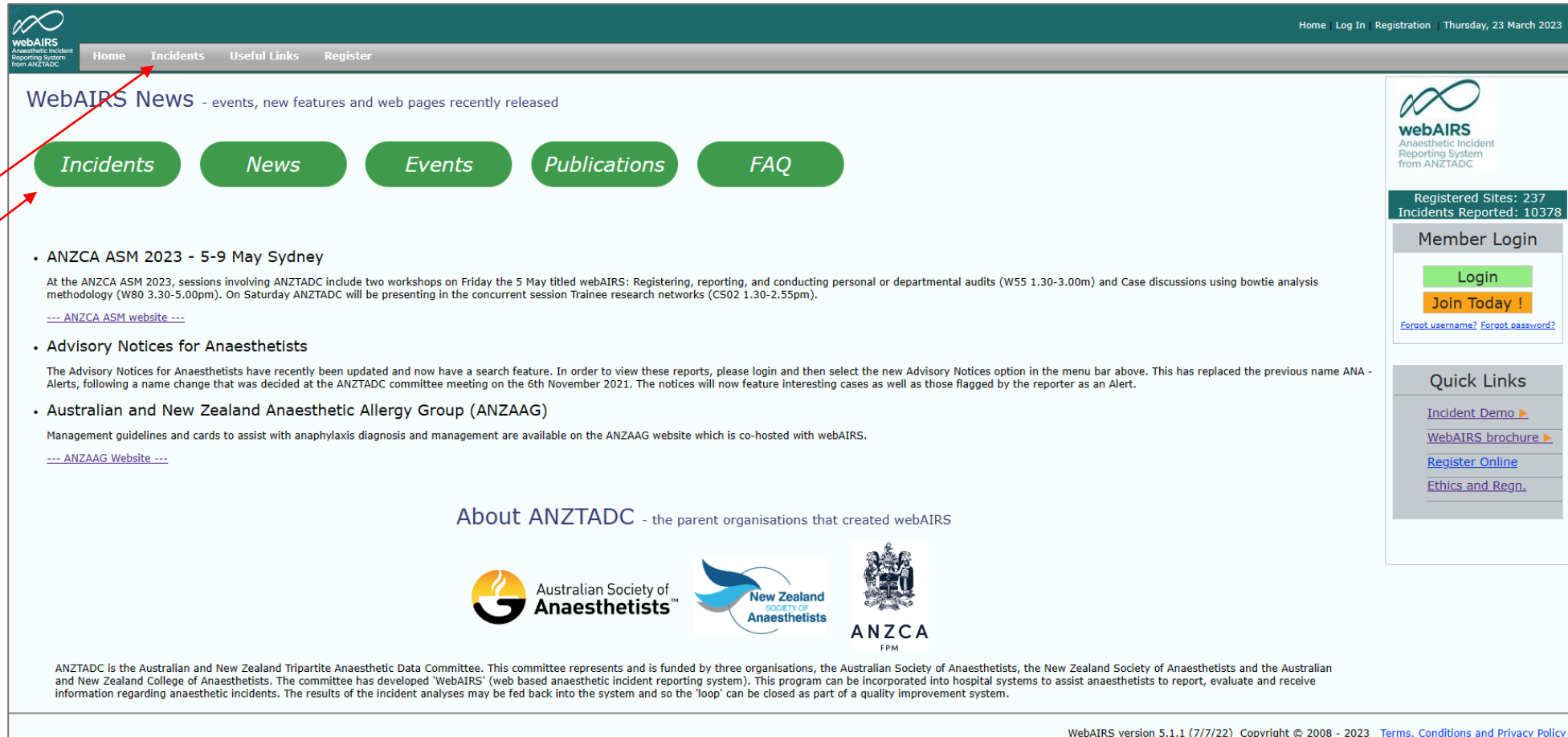
Please note that all discussion regarding this workshop is confidential and must not be disclosed outside the workshop.

Learning objectives

- Trying the system using the demo incident option
- Which incidents to report
- Report a real anaesthetic incident that has occurred
- Claim CPD credits

Test using incident demo first

or



webAIRS Anaesthetic Incident Reporting System from ANZTADC

Home | Log In | Registration | Thursday, 23 March 2023

Home Incidents Useful Links Register

WebAIRS News - events, new features and web pages recently released

[Incidents](#) [News](#) [Events](#) [Publications](#) [FAQ](#)

- ANZCA ASM 2023 - 5-9 May Sydney**

At the ANZCA ASM 2023, sessions involving ANZTADC include two workshops on Friday the 5 May titled webAIRS: Registering, reporting, and conducting personal or departmental audits (W55 1.30-3.00pm) and Case discussions using bowtie analysis methodology (W80 3.30-5.00pm). On Saturday ANZTADC will be presenting in the concurrent session Trainee research networks (CS02 1.30-2.55pm).




[--- ANZCA ASM website ---](#)
- Advisory Notices for Anaesthetists**

The Advisory Notices for Anaesthetists have recently been updated and now have a search feature. In order to view these reports, please login and then select the new Advisory Notices option in the menu bar above. This has replaced the previous name ANA - Alerts, following a name change that was decided at the ANZTADC committee meeting on the 6th November 2021. The notices will now feature interesting cases as well as those flagged by the reporter as an Alert.
- Australian and New Zealand Anaesthetic Allergy Group (ANZAAG)**

Management guidelines and cards to assist with anaphylaxis diagnosis and management are available on the ANZAAG website which is co-hosted with webAIRS.

[--- ANZAAG Website ---](#)

About ANZTADC - the parent organisations that created webAIRS

 Australian Society of Anaesthetists  New Zealand Society of Anaesthetists  ANZCA FPM

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Registered Sites: 237
Incidents Reported: 10378

Member Login

[Login](#)
[Join Today !](#)
[Forgot username?](#) [Forgot password?](#)

Quick Links

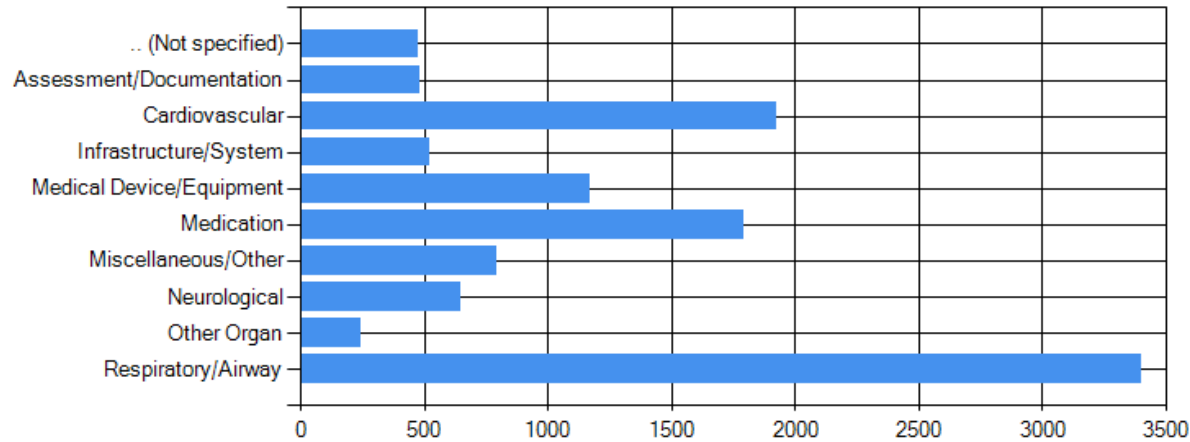
- [Incident Demo](#)
- [WebAIRS brochure](#)
- [Register Online](#)
- [Ethics and Regn.](#)

WebAIRS version 5.1.1 (7/7/22) Copyright © 2008 - 2023 [Terms, Conditions and Privacy Policy](#)

If you haven't submitted an incident to webAIRS previously use the webAIRS incident demo first to familiarise yourself with the system.

WebAIRS Data Dashboard - from 2009 onwards

Number of incidents reported by main category



Incident Main Category	Percent
.. (Not specified)	4.1%
Assessment/Documentation	4.2%
Cardiovascular	16.8%
Infrastructure/System	4.6%
Medical Device/Equipment	10.2%
Medication	15.7%
Miscellaneous/Other	6.9%
Neurological	5.7%
Other Organ	2.1%
Respiratory/Airway	29.7%

- **New Incident**

To enter a new incident [--- Click Here ---](#)

To report a real incident. **Data is saved.**

- **Demo Incident**


To enter a test incident without saving the data [--- Click Here ---](#)

To view the options when reporting an incident. **Data is not saved.**

- **Frequently asked questions**

Links to information regarding webAIRS, registration, and ethical considerations [--- Click Here ---](#)

Narrative

 Home | Log In | Registration | Friday, 27 April 2018

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative **Coding** Anaesthesia Procedure Additional Factors Quality Assurance

Patient Demographics

Gender
 Male Female No Patient Involved

ASA Grade

Emergency

Patient Age
at the time of the incident

Patient BMI

Narrative

Incident Description and Management

Navigation -->

Coding

webAIRS Anaesthetic Incident Reporting System from ANZTA/DC

Home | Log In | Registration | Friday, 27 April 2018

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative Coding Anaesthesia Procedure Additional Factors Quality Assurance

Coding

Qualifications of Anaesthetist in Charge at time of incident Location

Time of day Hours on Duty at time of incident Hours since **8 hour break**

How would you categorise this incident? - please note you can "Add" multiple rows if the incident has more than one category.

Category	Sub-category	Detection	Severity
<input type="text" value="Cardiovascular"/>	<input type="text" value="Hypotension"/>	<input type="text" value="Monitor BP"/>	<input type="text" value="Harm to Patient"/>

Episode Outcome Patient Outcome

<-- Navigation -->

Anaesthesia

webAIRS
Anaesthetic Incident Reporting System
from ANZTADC

Home | Log In | Registration | Friday, 27 April 2018

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative Coding **Anaesthesia** Procedure Additional Factors Quality Assurance

Anaesthetic

Anaesthetic technique
(Select technique with greatest depth of anaesthesia if more than one used)

Regional/Local Anaes. technique
(If Regional and sedation, then select sedation as anaesthetic technique)

Additional technique

Anaesthetic Agents and Drugs - enter the drugs used in the appropriate text box categories below. Separate each drug used with a comma.
For example **Midazolam 1.5mg, Propofol 160mg**, etc

Induction Hypnotics

Analgesics

Relaxants

Maintenance

Other - vasopressors,ponv,antibiotics etc

Reversal and recovery

Airway
Select options (multi-select)

No artificial airway Guedel Std LMA Dual Lumen LMA ET Tube

Nasal Tube Dual Lumen Tube Other. Please specify

Ventilation

Spontaneous CPAP SIMV IPPV

High Freq.IPPV PEEP Other. Please specify

Monitoring


ECG SaO2 NIBP O2 CO2 Agent Art.Line CVP PA Catheter

TOE NM block Cerebral Function Urine OP Temp Other

Enter additional monitoring devices separated by commas (abbreviations allowed).

Additional Information/Complications

Procedure



webAIRS
Anaesthetic Incident
Reporting System
from ANZSADAC

Home | Log In | Registration | Friday, 27 April 2018

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative Coding Anaesthesia Procedure Additional Factors Quality Assurance

Procedure

Specialty

Main Category

Subcategory

Procedure Name(s)

Separate multiple procedures with a comma. For example **Laparoscopic Cholecystectomy, Operative Cholangiogram**, etc


Procedure Duration

Enter the length of time for the procedure, (if known)

Additional Information/Complications

<-- Navigation -->

Reflection (Additional factors)



webAIRS
Anaesthetic Incident
Reporting System
from ANZ IADC

Home | Log In | Registration | Wednesday, 5 April 2023

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative Coding Anaesthesia Procedure Reflection Confirmation

Reflection and learning from outcomes

Include any personal factors such as knowledge, experience, fatigue, attention, planning, checking (patient, machine or drugs) or illness in this section. Include any team factors such as to communication, planning or co-ordination in this section. Include any system factors such as personnel, environment, pre-operative investigation, pre-op preparation or other system factors.

In your opinion: The incident was preventable The incident was **not** preventable


Contributing Factors

Alleviating or Mitigating Factors

Lessons Learned, comments or suggestions
(Do you have any suggestions to prevent similar incidents in the future)

Previous <-- Navigation --> Next

Confirmation (Quality Assurance)

 webAIRS
Anaesthetic Incident
Reporting System
from ANZTADC

Home | Log In | Registration | Wednesday, 5 April 2023

Home Incidents Useful Links Register

WebAIRS - DEMO VERSION - Anaesthetic Incident Recording System. (Data will not be saved).

Coding Help

Narrative Coding Anaesthesia Procedure Reflection Confirmation

Quality Assurance

Would you have reported this incident if the system was **not** anonymous?
 yes no

Was it difficult to enter the information ?
 yes no

Alert
 Please tick the box if you think an alert should be sent to ANZTADC members.(eg a reaction to a new drug or similar incident)

Do you have any suggestions for improvement? Yes No

<-- Navigation

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Which incidents to report

- Any incident which could have or did lead to patient harm
- Potential hazard
 - E.g. finding an ampoule in the wrong compartment of a trolley
 - Finding an ampoule in a box with a different label
- Near miss
 - E.g. Draw up the wrong drug but discover the error while double checking
- An incident may or may not lead to harm but this can be flagged in the Patient Outcome in the Coding page
 - E.g. Draw up the wrong drug and give it
 - No Harm Incident
 - Temporary Harm
 - Permanent Harm
 - Death

WebAIRS — To report incidents first login then click Incidents

The screenshot shows the WebAIRS website interface. At the top right, there is a navigation bar with links for Home, Log In, Registration, and the date Friday, 21 October 2022. Below this is a secondary navigation bar with Home, Incidents, Useful Links, and Register. The main content area features a 'WebAIRS News' section with a list of articles and a row of green buttons for Incidents, News, Events, Publications, and FAQ. A red arrow labeled 'Step 1' points to the 'Incidents' button in the secondary navigation bar. Another red arrow labeled 'Step 2' points to the 'Incidents' button in the main content area. To the left of the main content, the text 'or' is written vertically. On the right side, there is a sidebar with a 'Member Login' section containing 'Login' and 'Join Today!' buttons, and a 'Quick Links' section with links for Incident Demo, Mobile Demo, WebAIRS brochure, Register Online, and Ethics and Regn. At the bottom, there is an 'About ANZTADC' section with logos for the Australian Society of Anaesthetists, the New Zealand Society of Anaesthetists, and ANZCA FPM.

Home | Log In | Registration | Friday, 21 October 2022

Home | Incidents | Useful Links | Register

WebAIRS News - events, new features and web pages recently released

[Incidents](#) [News](#) [Events](#) [Publications](#) [FAQ](#)

Step 1

Step 2

or

- **ASA/NSZA CSC 2022**
The Combined ASA/NSZA scientific meeting CSC 2022 will be held in Wellington, NZ, from October 21-24, 2022 in both face to face and virtual formats. See the webAIRS Events page for more details. We thank all the webAIRS registered users in Australia and New Zealand for contributing over 9,700 incidents since its inception 12 years ago and would like to thank the ANZTAD Committee members for their ongoing support of webAIRS, their involvement this year, and their commitment in 2022. Please visit the Publications section, using the green button above to view the most recent publications.
- **COVID-19 Reporting**
Until the beginning of 2021, most COVID-19 cases in Australia and New Zealand were not community acquired. Unfortunately, this is no longer the case but with the current high vaccination rates most cases do not require admission to hospital or intensive care. WebAIRS is collecting reports involving COVID-19, or suspected COVID-19 cases, and de-identified information will be disseminated in the publications and bulletins of the parent organisations, to help to improve patient and healthcare worker safety. An article will be published in the upcoming March editions of the ASA and NZSA magazines. During this current outbreak with high numbers we ask webAIRS users to report any issues with health staff infections, PPE, Equipment not easily accessible due to COVID, delay in response during calls for help, or any other COVID related matters. Login and select Advisory Notices to view some examples. To report a case, log in and then follow incidents on the menu above, then select COVID-19 incident.
- **Advisory Notices for Anaesthetists**
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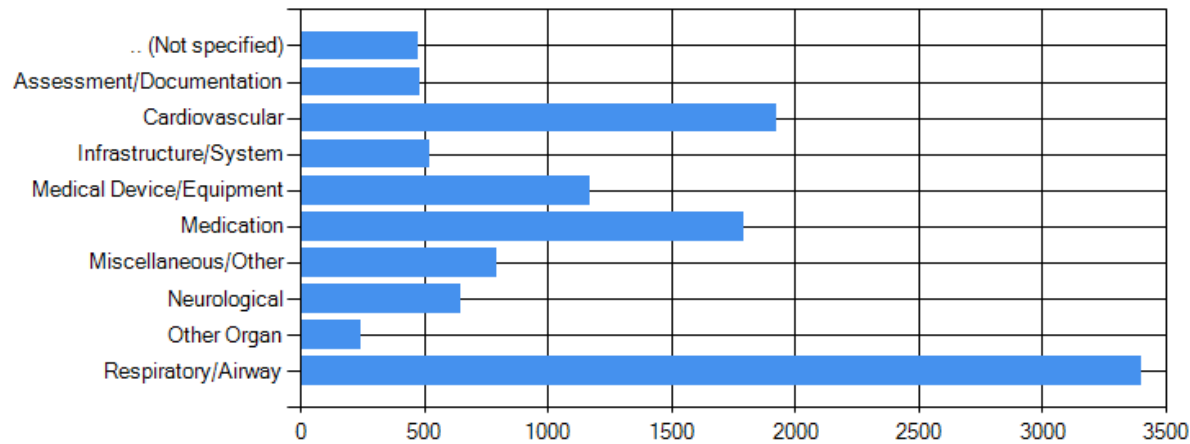
Quick Links

[Incident Demo](#) ▶
[Mobile Demo](#) ▶
[WebAIRS brochure](#) ▶
[Register Online](#)
[Ethics and Regn.](#)

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- **New Incident**

To enter a new incident [--- Click Here ---](#)

To report a real incident. **Data is saved.**

- **Demo Incident**

To enter a test incident without saving the data [--- Click Here ---](#)


To view the options when reporting an incident. **Data is not saved.**

- **Frequently asked questions**

Links to information regarding webAIRS, registration, and ethical considerations [--- Click Here ---](#)

Reporting an real incident.

Select New Incident from the menu options and then the web page shown below will be displayed.

Home | Log Off | Friday, 18 August 2023

[Home](#) [Incidents](#) [Administration](#) [Analysis](#) [Advisory Notices](#) [Preferences](#) [Presentations](#) [Useful Links](#) [Register](#)

Currently logged into **ANZTADC**. To change organisation [-- Click Here --](#)

WebAIRS - Incident reporting page.

Introduction

Welcome to the incident reporting page. This is where you can enter an incident into the system for analysis by ANZTADC. The data stored on the ANZTADC server is protected by the quality assurance legislation in both Australia and New Zealand. However you should only enter information that has been fully deidentified and in particular you should not enter the names of patients, medical staff or health care facilities. In order to protect your privacy, your login details are not stored with the incident that you submit. Instead an anonymous ID will be allocated to this incident. This code will appear at the top of the page when you start coding an incident. If you wish to do a trial run and enter an incident without it being analysed by ANZTADC then select the Menu option above that states 'Demo Case'.

Send the anonymous Incident ID to your email address (mculwick@bigpond.net.au) Do not send

The above option will allow you to log into this incident in the future and if desired perform further editing. After the incident has been analysed by ANZTADC you will be able to look up the analysis and anonymously add to the discussion. If you do not wish to send an email you may write the anonymous ID down in a diary or similar record. If you do not record (or know) the anonymous ID, then you will not be able to access this incident again in the future.

Review at department Morbidity and Mortality meeting Send for department analysis but do **not** review at M & M Completely Anonymous

To notify your local Quality and Safety officer leave the box above selected.

*** New feature ***

If you wish to send any additional information by email to your Local Administrator (and to yourself), then enter the information into the box below. Please note that the information will not be stored in the webAIRS database. However, even though it isn't stored in the database, it should not contain any personal information, or any information contrary to the Australian, or the New Zealand, Data Breach legislation.

Complete each of the items and claim CPD

The pages to complete are the same as the demo

- Narrative
- Coding
- Anaesthesia
- Procedure
- Reflection (Additional factors)
- Review (Quality Assurance)
- CPD hours – See next slide

Currently logged into **ANZTADC**. To change organisation [-- Click Here --](#)

WebAIRS - Incident reporting page. 14197:230818110527-580

Coding Help

Narrative

Coding

Anaesthesia

Procedure

Reflection

Confirmation

Quality Assurance

In your opinion:

The incident was preventable The incident was **not** preventable

Would you have reported this incident if the system was **not** anonymous?

yes no

Do you believe Qualified Privilege (QP) is important?

(QP protects the data from being disclosed even under subpoena).

Yes No Not Sure

Was it difficult to enter the information ?

yes no


Alert

Please tick the box if you think an alert should be sent to webAIRS members.(eg a reaction to a new drug or similar incident)

Do you have any suggestions for improvement? Yes No

Previous

<-- Navigation

 Save form and then open print options.

Currently logged into **Individual Practice**. To change organisation [-- Click Here --](#)

WebAIR - Incident reporting page. 13352:230405065231-259

Coding Help

Narrative

Coding

Anaesthesia

Procedure

Additional Factors


Review

The data on the form has now been saved. You can now print out the form, return to coding, or print out the CPD confirmation form.

Printout Incident

Return to Coding Page

Finish Coding and Record CPD points





Currently logged into **ANZTADC**. To change organisation -- [Click Here](#) --

WebAIRS - Incident reporting page. 14197:230818110527-580

Coding Help

Narrative

Coding

Anaesthesia

Procedure

Reflection

Confirmation

The data on the form has now been saved. You can now print out the form, return to coding, or print out the CPD confirmation form.

Printout Incident

Return to Coding Page

Finish Coding and Record CPD points



Continuing Professional Development (CPD)



webAIRS
Anaesthetic Incident
Reporting System
from ANZTADC

Home | Log Off | Wednesday, 5 April 2023

Home Incidents Administration Preferences ANA - Alerts Useful Links Register

Currently logged into **Individual Practice**. To change organisation -- [Click Here](#) --

WebAIRS - web based anaesthetic incident reporting system

Make a record of the time taken to collect the information, research and enter the incident using WebAIRS. This information is needed should you have to complete an ANZCA audit.

Enter the time in minutes taken to collect the information (Capped at 60 minutes) ←

Time in minutes taken to enter the information

Total Time in Hours

Total Credits

Calculate Credits ←

Category: Practice Evaluation
(Incident monitoring/reporting, at 2 credits/hour)

Print this page ←

To send a copy of the CPD credits by email to yourself.

Confirm your email address: m_culwick@hotmail.com ←

Send Email ←

WebAIRS CPD activities

- ANZCA CPD handbook 2023
 - <https://www.anzca.edu.au/resources/cpd-documents/cpd-handbook-2023-appendices/anzca-and-fpm-cpd-program-handbook-2023.pdf>
- Reporting an incident – CPD hours in the practice evaluation category for measuring outcomes. (Please see – Table 4 on page 30-31 of the ANZCA CPD handbook 2023).
- Morbidity and mortality meetings with a group (three or more implied) – CPD hours in the practice evaluation category for measuring outcomes. (Please see – Table 4 on page 30-31 of the ANZCA CPD handbook 2023).

Summary

- **Learning points**

- Try webAIRS using the demo incident option
- Which incidents to report
- Report real anaesthetic incidents that have occurred to you or within your anaesthetic department
- Claim CPD credits
 - An option is available to receive confirmation of the time after reporting to webAIRS either by email or by printing the CPD confirmation page

Conclusion

- We hope that the process for reporting incidents was intuitive.
- We welcome feedback to improve this resource.
- To contact ANZTADC, please send an email to anztadc@anzca.edu.au.