

ASAVI Strep A Online Database – User Guide

This document contains information to aid in accessing the database and utilising its functionality to search and filter through included Strep A research literature.

The database system can be accessed online at <https://database.asavi.org.au/>.

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1. Introduction

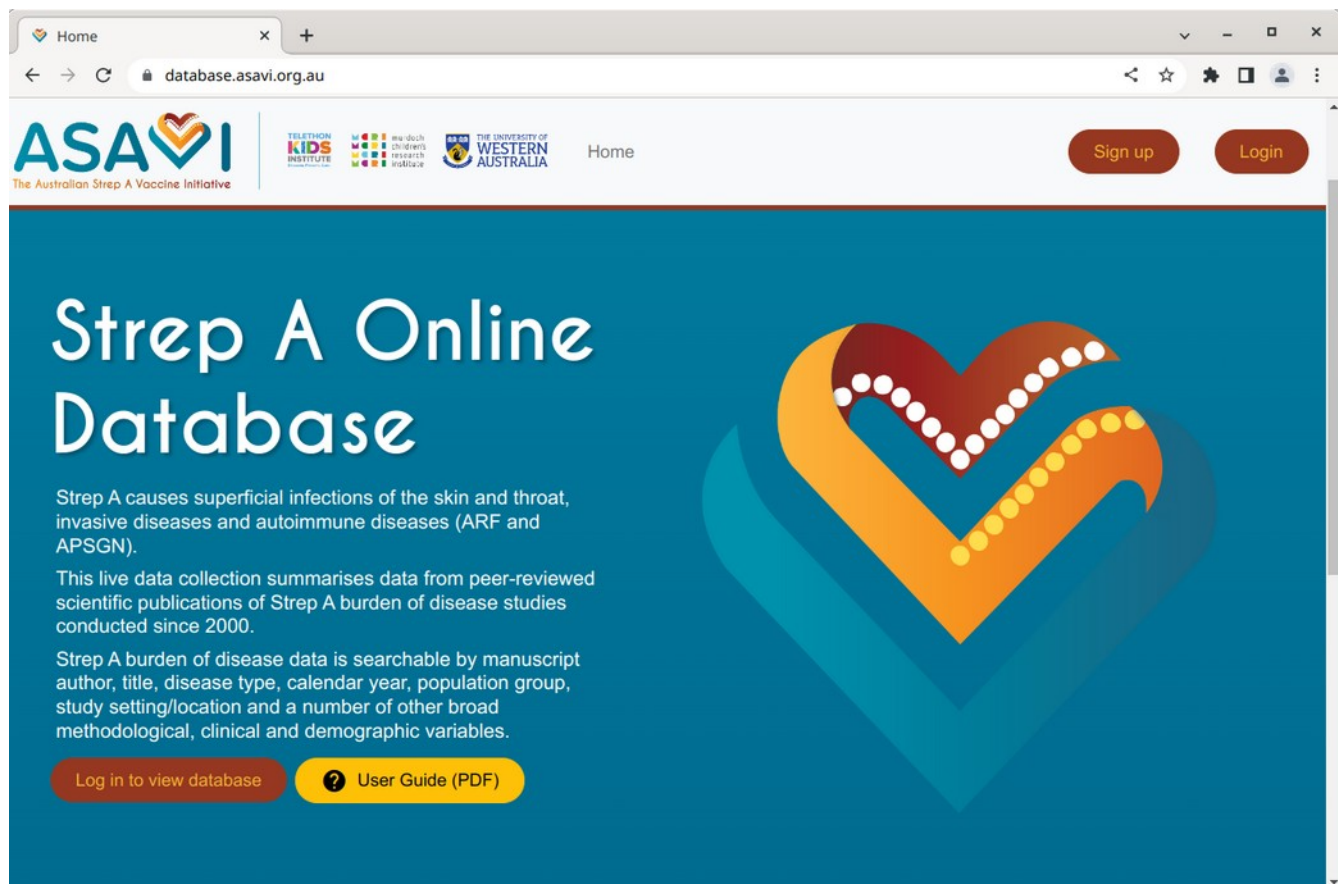
This document is intended for users who are using the online database to search and filter through Strep A studies and results.

The database contents are maintained independently from any publication authority and may not be accurate or up to date. Information may therefore be missing or inaccurate. If you find any issues or wish to report anything to the administrators, please create an account and submit a **Request for Correction/Addition** including the details of your issue.

The database is best viewed on a device with a large screen. (recommended resolution 1920 x 1080p)

1.1. Accessing the database

The database system can be accessed online at <https://database.asavi.org.au/>.



If you are interested in the source code, it is [published on Github](#) under the Creative Commons license.

Strep A Database User Guide version 1.0. <https://database.asavi.org.au/>

1.2. Database structure

The database consists of two main sections (data tables):

- Studies - consisting of selected information about Strep A research articles. Each Study represents a single article.
- Results - consisting of a summary of important information on various categories of results from each study in the database. Each Result represents a single Point Estimate with a particular Measure.

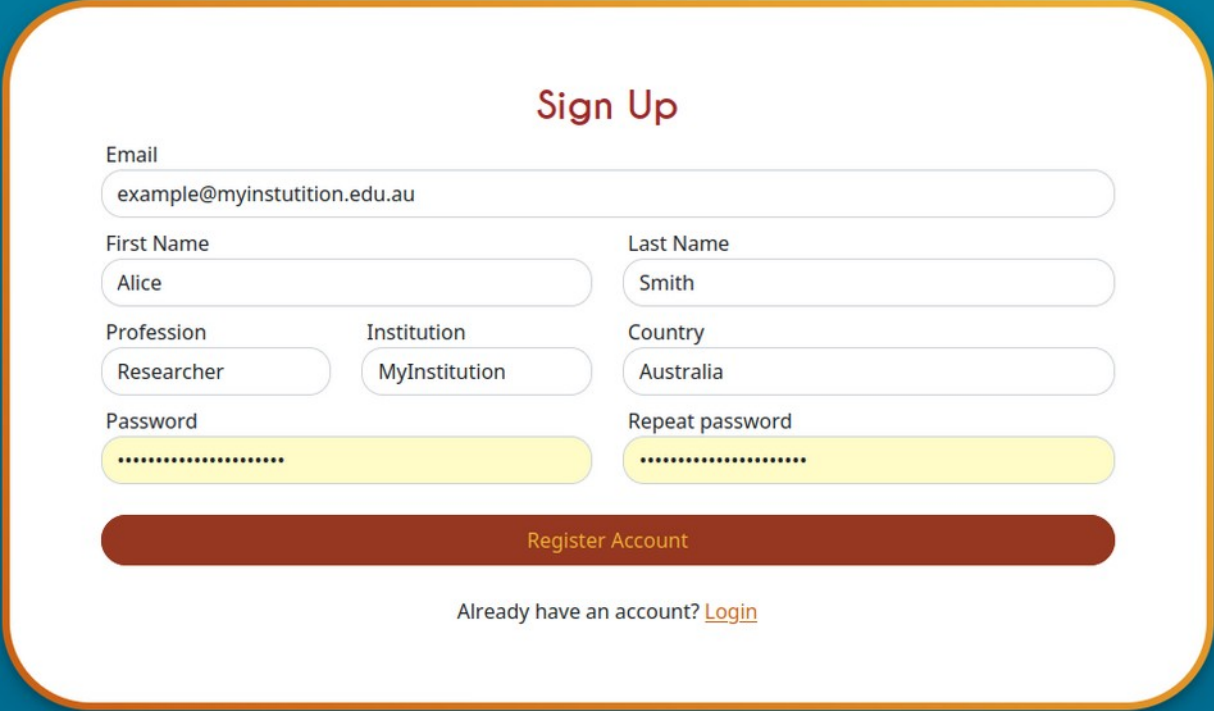
Every result record is linked to a specific study.

2. Creating a user account

2.1. Fill in the sign-up form

To get started, open the sign-up page: <https://database.asavi.org.au/signup/>.

Fill in your details such as in the example below, and then click **Register Account** to continue.



The image shows a 'Sign Up' form with the following fields and values:

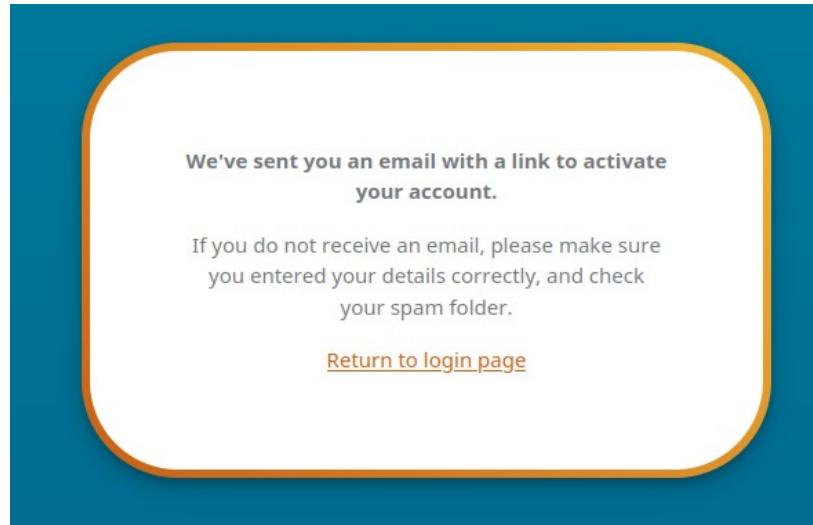
- Email:** example@myinstitution.edu.au
- First Name:** Alice
- Last Name:** Smith
- Profession:** Researcher
- Institution:** MyInstitution
- Country:** Australia
- Password:** (masked with dots)
- Repeat password:** (masked with dots)

At the bottom of the form is a large red button labeled 'Register Account'. Below the button, there is a link: 'Already have an account? [Login](#)'.

2.2. Verify your email

You will then need to check your email inbox to activate your account. (See the screenshot below).

If you have difficulty locating the email, please **make sure you check your spam folder**.

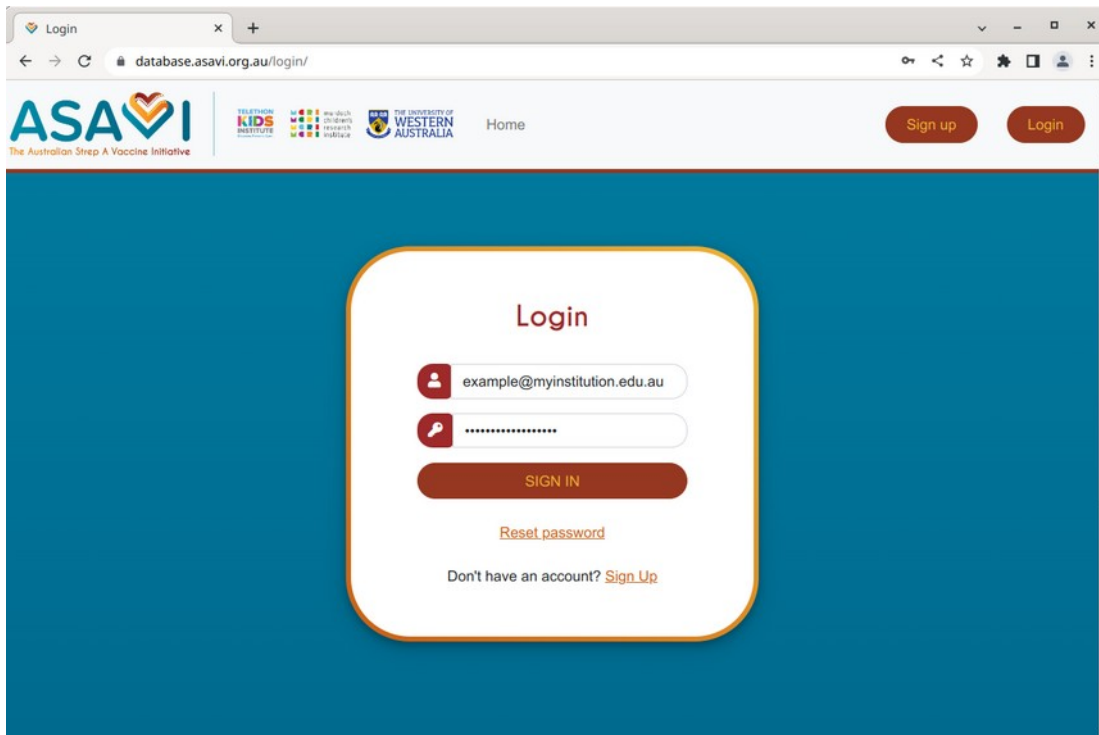


Once you have clicked the link you should be redirected to the login page. You can now sign in using your email address and the password you created with your account.

2.3. Login to the database

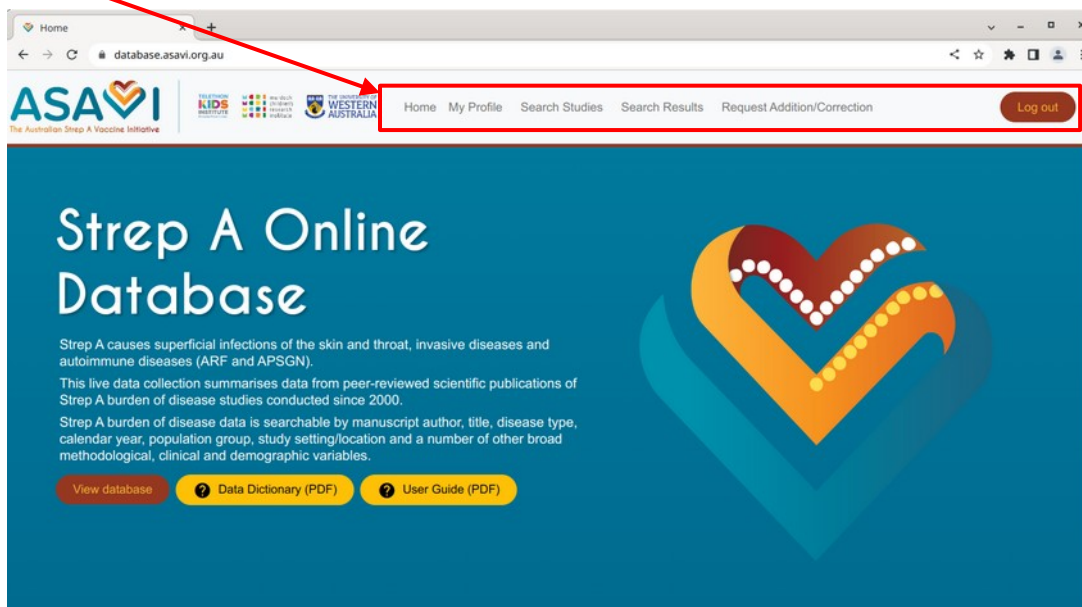
Proceed to [the login page](#). Your username is the email address which you used to sign up, and the password is the one you provided on the sign up form. (See the screenshot below).

Click **Sign in** to proceed.



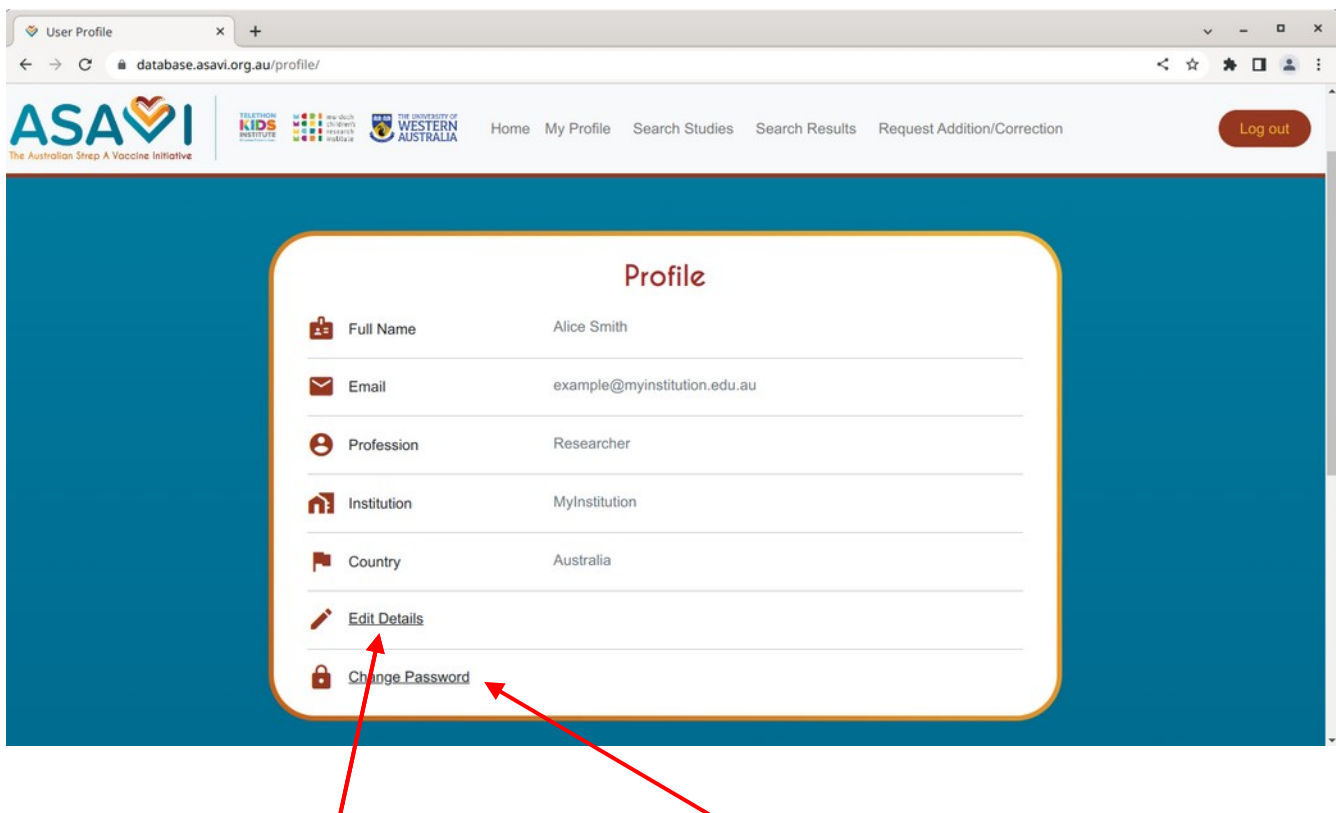
Once you are logged in you should see the **Database Homepage**. Here you can access the Data Dictionary and other User Guides.

Use the links along the top of the page to access different parts of the website.



3. Managing your account

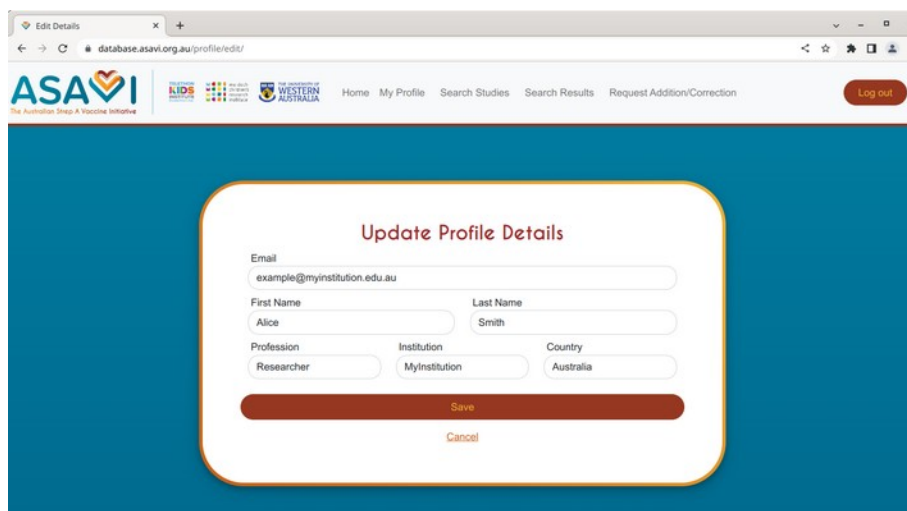
Navigate to the [My Profile](#) page to view your account details.



Here you can edit your profile and change your password.

3.1. Updating your profile details

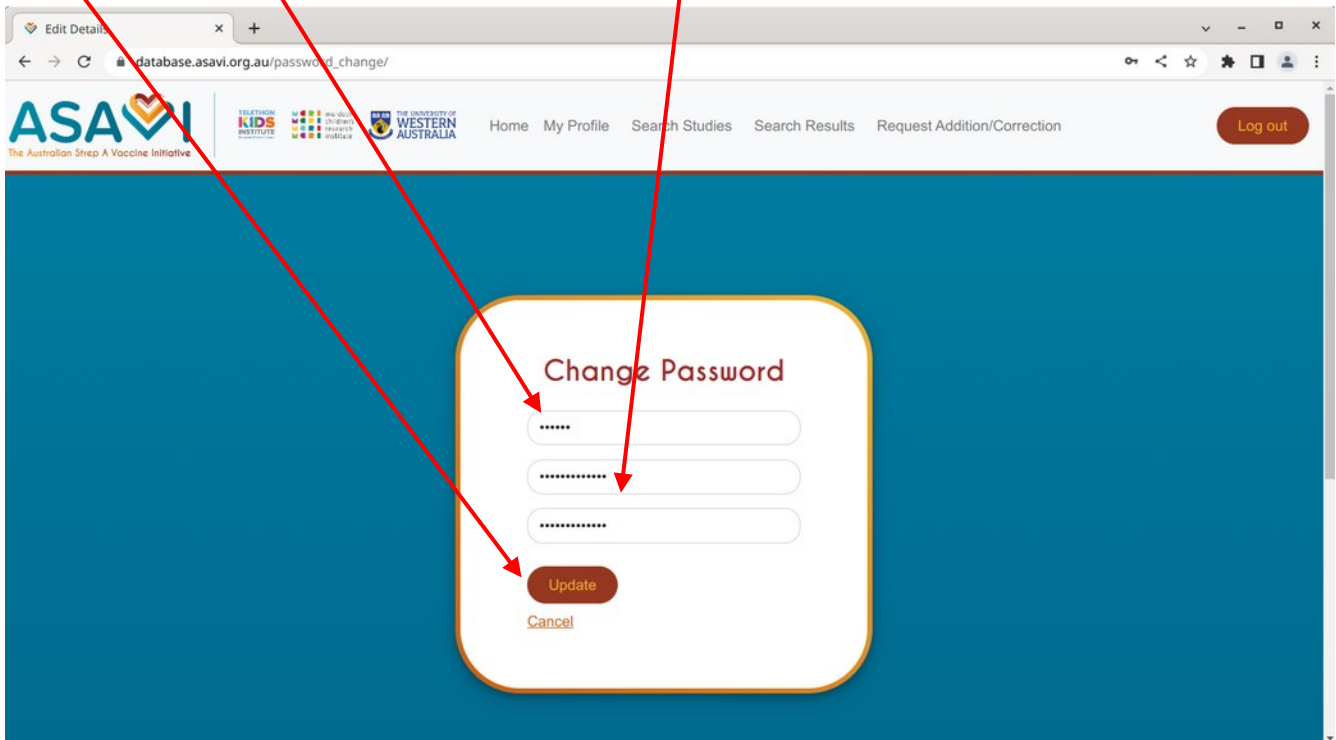
Click **Edit Details** to access the [Update Profile Details](#) form. Here you can update any of your profile details at any time.



3.2. Changing your password

On the **My Profile** page, click [Change Password](#).

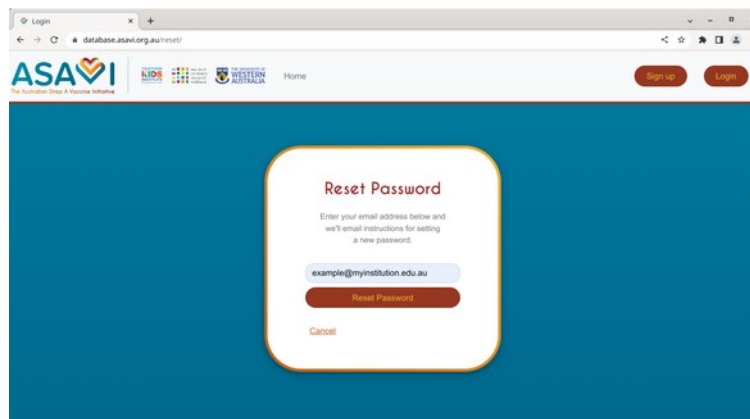
Enter your old password, then your new password twice to confirm, and click **Update**.



The screenshot shows a web browser window with the URL `database.asavi.org.au/password_change/`. The page features the ASAVI logo and navigation links: Home, My Profile, Search Studies, Search Results, and Request Addition/Correction. A 'Log out' button is in the top right. The main content is a white rounded rectangle titled 'Change Password' on a blue background. It contains three password input fields with masked characters (dots). Below the fields are 'Update' and 'Cancel' buttons. Red arrows point from the text above to the input fields and the 'Update' button.

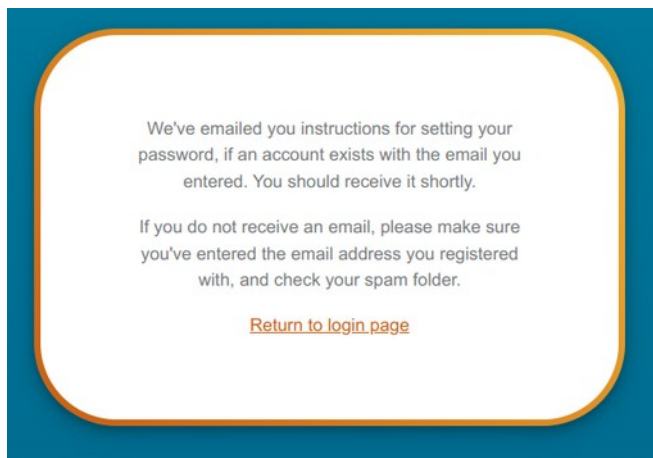
3.3. Reset your password

If you cannot remember your password but remember your email address, you can [reset your password](#) to create a new one.



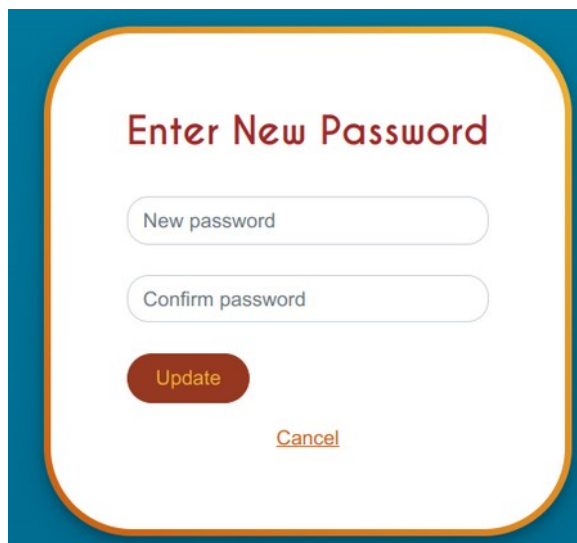
The screenshot shows a web browser window with the URL `database.asavi.org.au/reset/`. The page features the ASAVI logo and navigation links: Home, Sign up, and Login. The main content is a white rounded rectangle titled 'Reset Password' on a blue background. It contains the text 'Enter your email address below and we'll email instructions for setting a new password.' Below this is a text input field containing the email address 'example@myinstitution.edu.au'. Below the input field are 'Reset Password' and 'Cancel' buttons.

If you have entered a valid email address you will see the following:

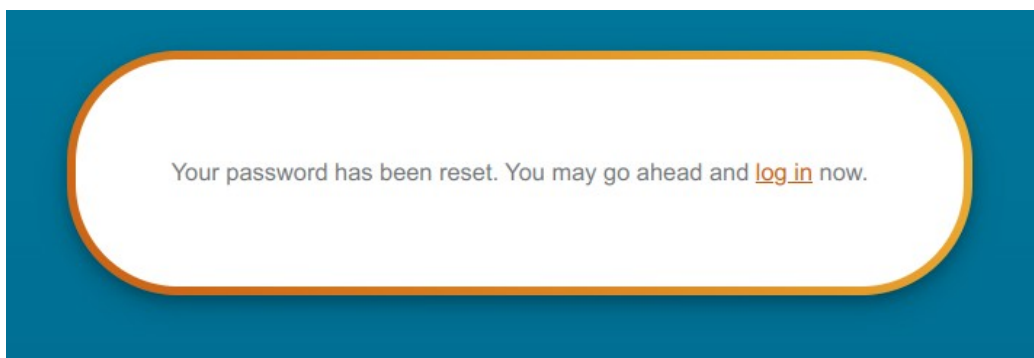


Check your email to find the password reset link. If you cannot find it in your Inbox, **make sure you check your spam folder.**

Once you open the link, you will be guided to enter your new password twice.



You can then proceed to [log in](#) using your new password.



4. Searching and accessing data

You will need to create an account and log in to be able to access the database.

4.1. Search and filter Studies/Results

Navigate to the Search and Filter pages using the **Search Studies** and **Search Results** links along the top.

Open or close the **Search** and **Filter** sections by clicking on them

Use **Actions** on selected rows.

The screenshot shows the ASAVI database search results page. The page has a header with the ASAVI logo and navigation links: Home, My Profile, Search Studies, Search Results, Request Addition/Correction, and Log out. Below the header, there is a navigation bar with 'Home > Strep A Research Database > Studies'. The main content area is titled 'Select Study to view' and contains a search bar with 'SEARCH' and 'FILTER' buttons. Below the search bar, there are buttons for 'Export Selected to Excel' and 'View Results for Selected'. The main content area displays a table of study results with columns for 'STUDY DETAILS', 'METHOD DETAILS', 'GEOGRAPHY', and 'NOTES'. The table contains two rows of study results. The first row is for a study by 'Toy WE et al 2016, Nephrol Dial transplant' and the second row is for a study by 'Post-streptococcal glomerulonephritis is a strong risk factor for chronic kidney disease in later life (2012)'. The 'STUDY DETAILS' column for the first study is expanded, showing a list of details including 'Description', 'Title', 'Disease', and 'Study design'. Red arrows point to the 'SEARCH' and 'FILTER' buttons, the 'Export Selected to Excel' and 'View Results for Selected' buttons, and the 'STUDY DETAILS' section on the left.

On the left:

The close-up shows the 'STUDY DETAILS' section on the left side of the search results page. It contains a list of study details with checkboxes and a 'Title' section. The details are: 'STUDY DETAILS' (checkbox), 'Description' (checkbox), 'Title' (checkbox), and 'Study design' (checkbox). The 'Title' section is expanded, showing the title of the study. Red arrows point to the checkboxes and the 'Title' section.

- **Select All Studies** using the top-left checkbox.
- **Select or deselect a study** using its checkbox.
- **Study Details:** View individual Study and results details.
- **View Results List:** View the list of results for the study.

4.1.1. Searching data

Expand the Search section by clicking on the **SEARCH** heading.

Enter search keywords into the search box and then click **Search**.

Search terms may be enclosed in double quotes (") to search for entire phrases only.

For example: "kidney disease".

Select Study to view

The screenshot shows a teal header with a dropdown arrow and the word "SEARCH". Below the header is a search box with a magnifying glass icon on the left and a red "Search" button on the right. Underneath the search box is a grey instruction: "Search keywords in all fields. Put quotes around search terms to find exact phrases only."

4.1.2. Filtering data

Expand the **Filter** section by clicking on the **FILTER** heading.

The screenshot shows a teal header with a dropdown arrow and the word "FILTER". Below the header are several filter categories, each with a dropdown menu. The categories are: "By Study Group" (All), "By Specific Disease" (All), "By Publication Year" (From, To, Search, Reset), "By Study design" (All), "By Diagnosis method" (All), "By Data source" (All), "By Surveillance setting" (All), "By Clinical definition category" (All), "By Geographic Coverage Level" (All), "By Climate" (All), and "By Urban-Rural Coverage" (All).

Filters allow you to show only data which matches the selected criteria. This works much the same as Auto Filters in an Excel spreadsheet.

4.1.2.1. Single Select Filters

The screenshot shows the "By Specific Disease" filter dropdown menu. The menu is open, showing a list of options: "All", "Superficial skin and throat Invasive Strep A", "ARF", and "APSGN". The "All" option is currently selected.

Some filters allow you to filter by only a **single** value at a time.

To change the filter, simply select an item. The page will automatically reload with the filter applied.

4.1.2.2. Numeric Range Filters



The numeric range filter selects data where the number is within the desired range (inclusive of the minimum and maximum values specified).

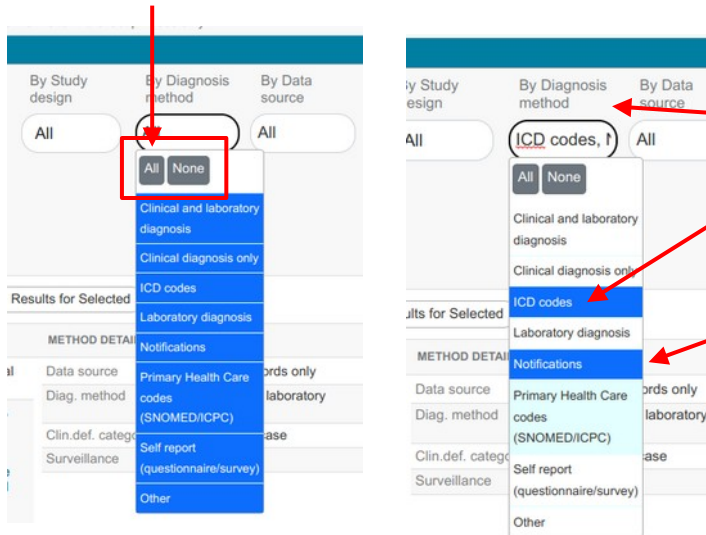
For example (see below): Filtering by **Publication Year** between 2010 and 2020 will show all studies published from the year 2010 up to and including the year 2020.

Click the **Search** button to apply the filtering, and **Reset** to clear it.

4.1.2.3. Multiple Select Filters

Most filters allow a **Multiple Selection**. Open the filter dropdown and **click** each item to **Select** or **De-select**. Closing the filter dropdown will reload the page with the filtering applied.

Use the **All** or **None** buttons to select or de-select all the items in the list.



For example: show only Studies or Results with a **Diagnosis method** of **ICD codes and Notifications**.

4.2.1.4. Clearing Filters

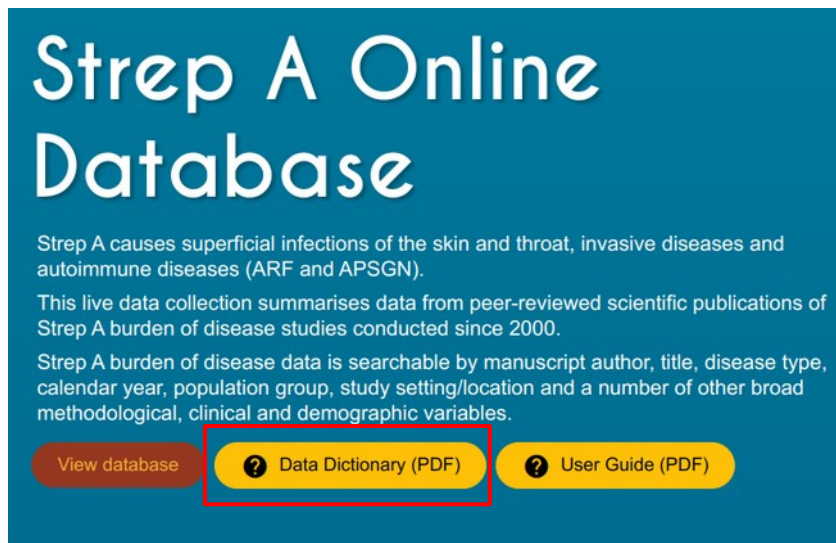
When filters are applied, you can use the **Clear all filters** link to reload the page with all filters reset to defaults.



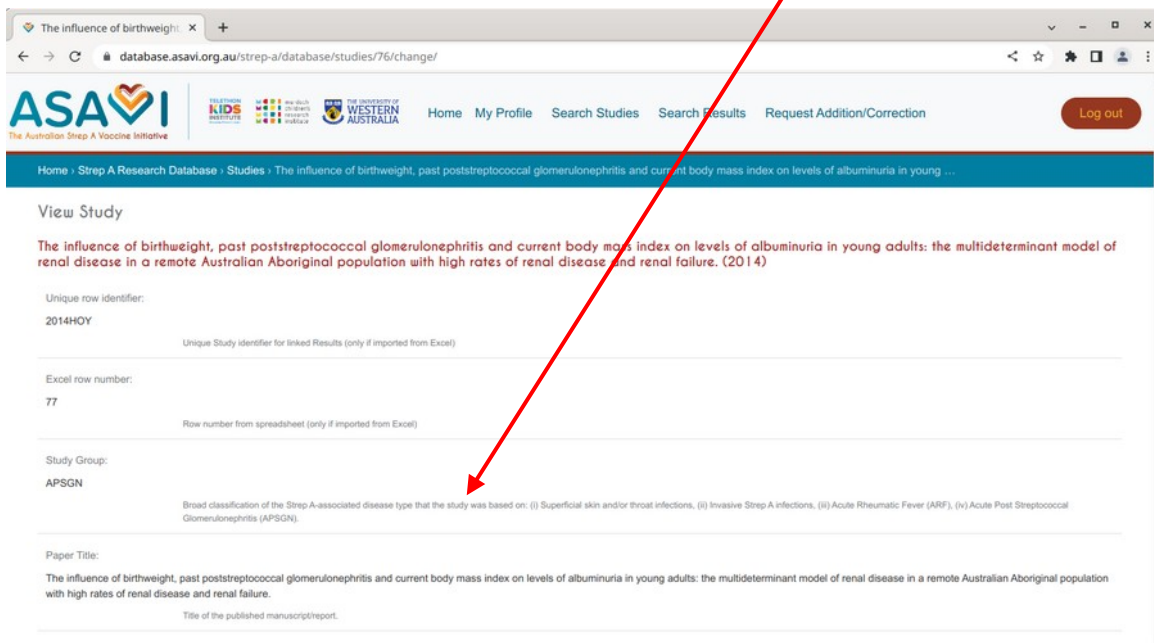
4.2. Understanding the data

Check the **Data Dictionary** for a detailed explanation of all the fields and different values in the database.

You can download the data dictionary online at the [Database Homepage](#).



In the **Studies Details View** you will also find some explanations of each field.

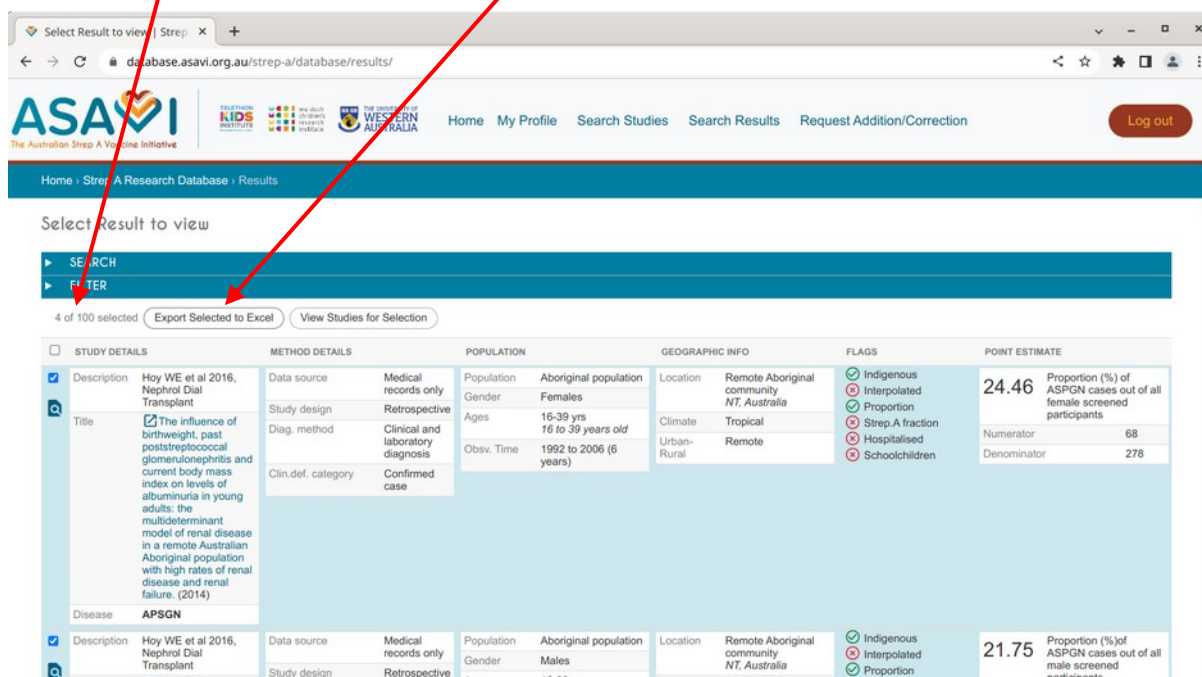


5. Exporting data to Excel

On the **Studies** and **Results** pages, you may have noticed an option to **Export Selected to Excel**.

Make a selection and then click **Export Selected to Excel** to download an Excel spreadsheet containing the Methods (Studies) and Results data for the selected items.

Note the **number** of selected items.



The screenshot shows the ASAVI database interface. At the top, there is a navigation bar with the ASAVI logo and a 'Log out' button. Below the navigation bar, there is a 'Select Result to view' section with a search bar and a filter dropdown. A red arrow points to the 'Export Selected to Excel' button, which is highlighted in blue. Below this, there is a table of study results. The table has columns for 'STUDY DETAILS', 'METHOD DETAILS', 'POPULATION', 'GEOGRAPHIC INFO', 'FLAGS', and 'POINT ESTIMATE'. The first row shows a study by Hoy WE et al 2016, Nephrol Dial Transplant, with a point estimate of 24.46. The second row shows a study by Hoy WE et al 2016, Nephrol Dial Transplant, with a point estimate of 21.75.

STUDY DETAILS	METHOD DETAILS	POPULATION	GEOGRAPHIC INFO	FLAGS	POINT ESTIMATE
<input checked="" type="checkbox"/> Description Hoy WE et al 2016, Nephrol Dial Transplant Title The influence of birthweight, past poststreptococcal glomerulonephritis and current body mass index on levels of albuminuria in young adults: the multiderminant model of renal disease in a remote Australian Aboriginal population with high rates of renal disease and renal failure. (2014) Disease APSGN	Data source Medical records only Study design Retrospective Diag. method Clinical and laboratory diagnosis Clin.def. category Confirmed case	Population Aboriginal population Gender Females Ages 16-39 yrs 16 to 39 years old Obsv. Time 1992 to 2006 (6 years)	Location Remote Aboriginal community NT, Australia Climate Tropical Urban-Rural Remote	<input checked="" type="checkbox"/> Indigenous <input checked="" type="checkbox"/> Interpolated <input checked="" type="checkbox"/> Proportion <input checked="" type="checkbox"/> Strep A fraction <input checked="" type="checkbox"/> Hospitalised <input checked="" type="checkbox"/> Schoolchildren	24.46 Proportion (%) of APSGN cases out of all female screened participants Numerator 68 Denominator 278
<input checked="" type="checkbox"/> Description Hoy WE et al 2016, Nephrol Dial Transplant	Data source Medical records only Study design Retrospective	Population Aboriginal population Gender Males Ages 16-39 yrs	Location Remote Aboriginal community NT, Australia	<input checked="" type="checkbox"/> Indigenous <input checked="" type="checkbox"/> Interpolated <input checked="" type="checkbox"/> Proportion	21.75 Proportion (%) of APSGN cases out of all male screened participants

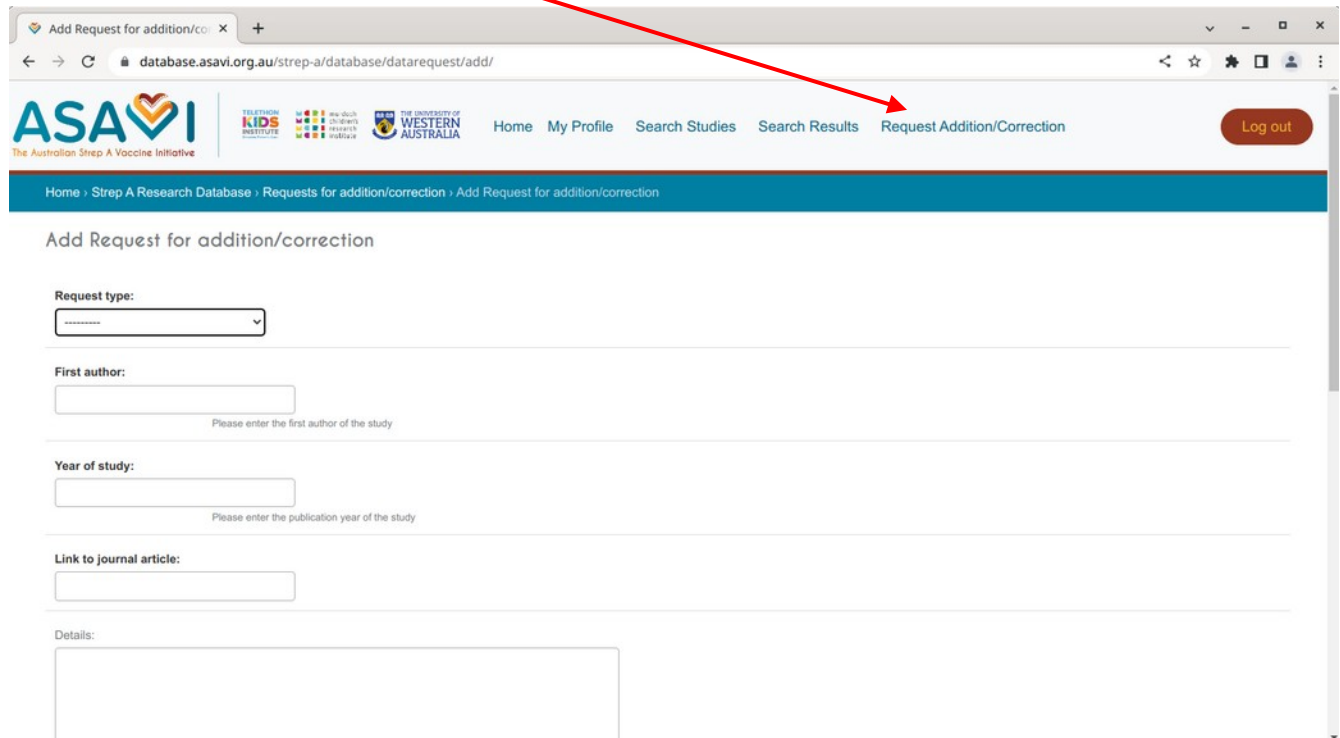
6. Contributing to the database

If you have studies you would like to add to the database, submit a request for correction or addition.

The administrator will periodically review these requests and will get in touch if needed. It is possible to obtain access to add studies directly into the website, for example if you wish to add a large number of studies to the database.

6.1. Submit a request for correction or addition

Navigate to the **Request Addition/Correction** page and fill in the details.



The screenshot shows a web browser window with the URL database.asavi.org.au/strep-a/database/datarequest/add/. The page header includes the ASAVI logo (The Australian Strep A Vaccine Initiative), logos for Telethon Kids Institute, the Dutch Childhood Research Institute, and the University of Western Australia. The navigation menu contains links for Home, My Profile, Search Studies, Search Results, and Request Addition/Correction. A 'Log out' button is located in the top right corner. The breadcrumb trail reads: Home > Strep A Research Database > Requests for addition/correction > Add Request for addition/correction. The main content area is titled 'Add Request for addition/correction' and contains the following form fields:

- Request type:** A dropdown menu with a downward arrow.
- First author:** A text input field with the placeholder text 'Please enter the first author of the study'.
- Year of study:** A text input field with the placeholder text 'Please enter the publication year of the study'.
- Link to journal article:** A text input field.
- Details:** A large text area for providing additional information.