

**ADDN**

# NEWSLETTER

**ISSUE 8 - APRIL 2023**

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## IMPORTANT DOCUMENTS:

The newest version of the ADDN Publication and Data Access Policy (V2.0) was approved and is now available on our website or via the link below. The ADDN Data Dictionary (V4.5) is also included.

[ADDN Publications and Data Access version 2.0](#)

[ADDN Data Dictionary version 4.5](#)

## CONTACT DETAILS:



ADDN is currently being administered by the University of New South Wales (UNSW). Any questions, suggestions, or feedback regarding ADDN can be sent to the following emails:

**Enquiries:** [ADDNinfo@unsw.edu.au](mailto:ADDNinfo@unsw.edu.au)

**Ethics/Governance:** [ADDNethics@unsw.edu.au](mailto:ADDNethics@unsw.edu.au)

**Or via this link:** [www.ADDN.org.au/contact-us](http://www.ADDN.org.au/contact-us)

## Welcome to the 8th edition of the ADDN newsletter.

As you may be aware, a decision has been made by JDRF to withdraw funding from ADDN, as of January 2023. Due to this, further data uploads are currently on hold as we are actively seeking alternate sources of funding. This being said, we hope to facilitate a data upload in the second half of the year and will keep in touch regarding this.

Several project proposals have been received since the November 2022 newsletter and we are currently working with investigators to progress new and existing projects involving ADDN data. We continue to welcome additional research enquiries. Enquiries can be submitted using our updated form and can request ADDN data up to 30/06/2022 (i.e., the September 2022 load).

Let us also celebrate the recent publications from the ADDN study group that have been accepted.

A big thank you to all 35 ADDN centres as well as the many onboarding and interested sites for your patience during this challenging period.

We hope you enjoy this newsletter, happy reading!

*Professor Maria Craig*

**ADDN Medical Director**



**WWW.ADDN.ORG.AU**



# OUR NEWEST ADDN CENTRES

Ten new diabetes centres to contribute data to the next load

We would like to warmly welcome the ten diabetes centres that recently received authorisation to start recruiting people with diabetes as part of the ADDN registry. These sites are actively working toward the collection of fields in the ADDN Data Dictionary in preparation for their first data upload.

# Welcome



-  Royal Prince Alfred Hospital, NSW
-  Bendigo Health, VIC
-  Mercy Hospital, VIC
-  Peninsula Health, VIC
-  Royal Women's Hospital, VIC
-  Frances Perry House, VIC
-  Auckland City Hospital, NZ
-  Taranaki Hospital, NZ
-  Tauranga Hospital, NZ
-  Whanganui Hospital, NZ

## UPDATED PROCESS FOR RESEARCH ENQUIRIES

Members of the ADDN Study Group are encouraged to submit an enquiry if there is a research question you'd like to investigate that could involve ADDN data. The enquiry form has been updated to reflect the latest Publications policy. You can find it on our website, by scanning the QR code, or via this link: [Research and Data Enquiry Form](#).



Proposals will be asked to provide:

- |   |                                  |
|---|----------------------------------|
| 1. A completed <a href="#">Data Extract Request Form</a>  | (prior to the review of data)    |
| 2. Evidence of <a href="#">local institutional ethics approval</a>  | (prior to the provision of data) |
| 3. <a href="#">Data Agreement Form</a> , signed by all researchers  | (prior to the provision of data) |
| 4. Sufficient acknowledgement of ADDN as per the <a href="#">ADDN Publication and Data Access Policy (V2.0)</a> . | (prior to publication of data)   |



The ADDN Registry now contains clinical and demographic data on **26,461** people with diabetes, collected at over **337,549** clinic visits from 1987 to 2022. This includes **22,472** people with type 1 diabetes, **680** people with type 2 diabetes, and **508** with another type of diabetes (who attended at least 1 visit).

To everyone involved in collecting, uploading, and cleaning data, from **2012 to 2022**:

# Thank You!



# RECENT ADDN HIGHLIGHTS

Projects, publications, & presentations involving ADDN data

## LET'S CELEBRATE OUR SUCCESSES!



A study on blood pressure in 6,338 young people (16-25 y) in ADDN with T1D was published in *Acta Diabetologica* in March, led by Dr Steven James at the University of the Sunshine Coast, Moreton Bay. Calculated using longitudinal data from 36,655 visits overall, 19.4% <18y and 21.7% ≥18y met criteria for hypertension. High BP was associated with Male sex, higher BMI, injection therapy, and higher HbA1c in both age groups. Read more:

[doi.org/10.1007/s00592-023-02057-4](https://doi.org/10.1007/s00592-023-02057-4)



It was featured as the top news story on 29 March in *the limbic\** endocrinology: [thelimbic.com/high-hypertension-cause-for-concern-in-kids-with-t1d/](https://thelimbic.com/high-hypertension-cause-for-concern-in-kids-with-t1d/)

This study and findings of another study on low-density lipoprotein cholesterol in young people with T1D in ADDN were presented in Portugal at the International Diabetes Epidemiology Group meeting in December 2022.



Findings on diabetic ketoacidosis (DKA) at onset of T1D and long-term HbA1c using ADDN data were presented at the International Society for Pediatric and Adolescent Diabetes (ISPAD) 48th Annual Conference in Abu Dhabi in October 2022 and at the ANZSPED meeting in Christchurch in November 2022.



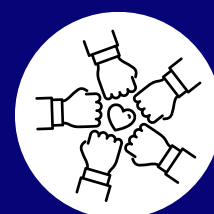
The DKA study was recently published in *Diabetes Care* in December 2022, led by Helen Clapin and Prof Jenny Couper. This study includes data from 7,961 people in ADDN with T1D. Overall, DKA was identified in 33% of people at diagnosis of T1D. Severe DKA was associated with higher HbA1c, which was modified by use of continuous subcutaneous insulin infusions. For more: [doi.org/10.2337/dc-22-0853](https://doi.org/10.2337/dc-22-0853)

**Congratulations to everyone involved in these studies!**

For a full list of publications, see: <https://www.addn.org.au/publications>

## Some of the ADDN projects that are still in progress:

- Does individual variability in HbA1c determine a centre's overall HbA1c? (Fergus Cameron/Ella Swaney)
- Socioeconomic status, technology use, and glycaemic outcomes in youth (Liz Davis)
- Real-world outcomes of diabetes technologies (Tim Jones)
- COVID-19 and risk of weight gain in people with type 1 diabetes (Kruthika Narayan)
- Characteristics of young-onset diabetes in ADDN, DPV, and T1DX (Jessica Sandy)
- Type 1 diabetes and Coeliac disease in Australia/New Zealand (Steven James)
- Fatty liver disease and microvascular complications in type 1 diabetes (Vallimayil Velayutham)
- Glycaemic outcomes in young adults with type 1 diabetes before versus after subsidised funding for continuous glucose monitoring, compared to adults over 25 (Jane Holmes-Walker/Gabrielle Stokes)
- Prevalence of microalbuminuria in ADDN and goals for prevention (Kruthika Narayan/Yoon Hi Cho)
- Big data analytics of ADDN data/Geospatial visualisation of type 1 diabetes (Richard Sinnott)



# THANK YOU

We greatly appreciate your patience throughout these challenging times, and we look forward to facilitating a data upload later in the year.

We would also like to thank A/Prof. Craig Jefferies for his contribution to ADDN over the years and wish him the best in his future endeavours.

## ADDN3 Principal Investigators

Prof. Maria Craig  
Prof. Peter Colman  
A/Prof. Sarah Glastras  
Dr. Stephanie Johnson  
Prof. Tim Jones  
Prof. Richard Sinnott  
Dr. Anthony Zimmermann