

ADDN Newsletter No. 2 – November 2015

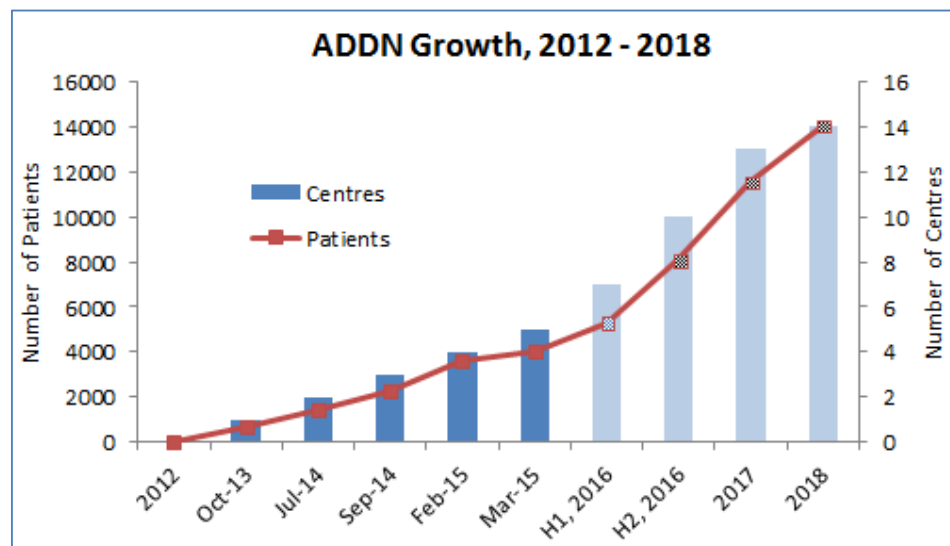
ADDN Update

ADDN, or the Australasian Diabetes Data Network, is a national database. Participating centres transfer patient data to ADDN every 3 to 6 months. The data are de-identified and include clinical measures like HbA1c, height, weight, BP, insulin regimen, insulin doses, comorbidities etc. The data will be used for research and to benchmark outcomes across Australia and New Zealand. Patients can also opt to be contactable for clinical trials.

The ADDN project involves the majority of paediatric diabetes centres throughout Australia and New Zealand. All children and adolescents attending these centres with all types of diabetes are eligible to participate in ADDN. Participants do not need to do anything apart from consenting to be included.

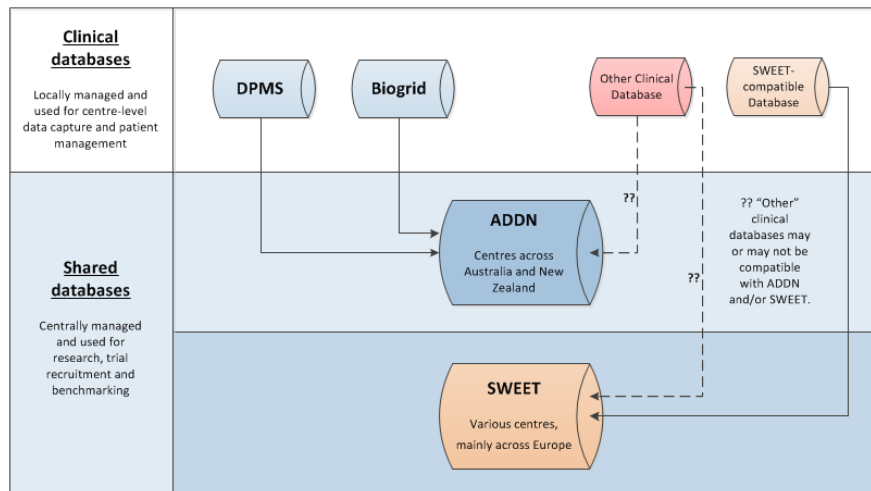
The first phase of the ADDN project was completed in June, 2015 and 5 diabetes centres are now transferring data for more than 4,000 patients to ADDN - Children's Hospital at Westmead (NSW), Princess Margaret Hospital (WA), Royal Children's Hospital (Vic), Women's and Children's Hospital (SA) and Lady Cilento Children's Hospital (Qld).

The project has been funded for a second phase, to the end of 2018. ADDN will be extended to include a further 4 paediatric centres – Monash Children's Hospital (Vic), John Hunter Children's Hospital (NSW), Royal Hobart Hospital (Tas) and The Canberra Hospital (ACT) – as well as 5 adult centres, so that children can be followed as they transition to adult diabetes services. It is projected that ADDN will hold data for more than 14,000 patients by the end of phase 2.



The plan is that ultimately ADDN will include data for most, if not all, paediatric centres across Australia and New Zealand and we are working with funders towards this goal. In the interim there are steps that can be taken to make sure that your centre is 'ADDN Ready'. These include adopting an electronic method of collecting and storing patient data, and collecting the same data set as ADDN. A clinical database called DPMS, which includes all of the ADDN data points, is available to interested centres (see over).

DPMS and Other Diabetes Databases



There are diabetes databases that are designed to help clinical management by capturing patient data, generating reports on patient outcomes, GP letters etc. and there are diabetes databases that are designed for research, such as ADDN. Data are loaded to ADDN from clinical databases such as **DPMS** (Diabetes Patient Management System) and the **Biogrid** Diabetes Database. These two Australian databases include data fields consistent with ADDN and they will both have inbuilt tools to make it easy to transfer data to ADDN.

From early 2016, DPMS will be available to any centre wanting a clinical database, **regardless of whether that centre is contributing data to ADDN**. If you adopt DPMS, you will be 'ADDN Ready' when the ADDN project reaches your centre.

Some adult diabetes centres in Australia are already using Biogrid and the National Association of Diabetes Centres (NADC) has a project underway to roll Biogrid out to a large number of new centres in the coming months.

A limited number of centres using clinical databases other than DPMS and Biogrid will be transferring data to ADDN. This requires the building of individualised software and is expensive, so the ADDN project will not be able to support this option for many centres.

Any centre that is considering adopting a new database or modifying an existing database is encouraged to contact the ADDN Project Managers for advice on how best to align with the ADDN dataset.

The **SWEET** database, like ADDN, is a research database that includes data from a variety of centres, mostly in Europe. Data are transferred to SWEET from compatible clinical databases. There are no plans to connect ADDN with these databases and the overlap between ADDN and SWEET is unknown.

Any questions?

Please contact an ADDN Project Manager if you have any questions about ADDN or DPMS.

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