

Action Plan for Continued Provision of Insulin Pumps in NHS Borders

A decision to commit NHS Scotland to substantially increasing the availability of insulin pump therapy across Scotland to ensure equity of access was announced by the Cabinet Secretary for Health Wellbeing & Cities Strategy in October 2011. As a consequence of this 25% of young Scots with type 1 diabetes must have access to insulin pumps by March 2013 and by March 2015 the number of insulin pumps available to people of all ages with Type 1 diabetes in Scotland will almost triple to more than 2000.

In 2006 the NHS Borders Diabetes MCN set up an adult insulin pump service. A business case was presented to the Health Board who agreed funding for 6 pumps per year including consumables but not including staff time, which has been absorbed within the service itself. The number of pumps funded was based on NICE estimate and our existing population of patients with type 1 diabetes at that time (1-2% of people with Type I diabetes would be eligible for pump therapy, Borders population 2006 547patients). Suitability for pump therapy was based on initial NICE Guidance and we have revised our suitability based on updated NICE Guidance 2008.

At the end of the financial year, March 2009, the MCN and Child Health allocated some non-recurring funding to allow for the provision of 4 pumps and consumables to set up a paediatric pump service. A successful cost pressure bid in 2010 resulted in 6 paediatric pumps being made available plus an additional 3 pumps per year for patients up to the age of 16.

This commitment to the provision of insulin pumps in NHS Borders has seen the service increase in a controlled manner resulting in above the national average provision of insulin pump therapy in Scotland as detailed below

Current service provision in the Borders

NHS Board	Type1 population 2010	Number of pumps 2010	Percentage 2010	Type1 Population 2011	Number of pumps 2011	Percentage 2011
Borders	601	29	4.8%	621	51	8.2%
Scotland	27,910	696	2.5%	23,346	884	3.1%

CEL 4(2012) February 2012 set out expectations that there would be considerable improvements in the availability of insulin pumps in Scotland with 25% of young people under the age of 18 having access to an insulin pump and the number of pumps required by each board to meet this target. The additional pumps required by the Borders to meet this target are outlined below.

NHS Board	Number of people <18 on an insulin pump and percentage of <T1DM population	Number of extra pumps and percentage increase required to meet 25% provision for <18s	Number of people >18 on an insulin pump and percentage of >18T1DM Population	Number of extra pumps and percentage increase required to equitably meet provision commitment for >18s
Borders	17 23%	2 2.0%	34 6.2%	0 0%
Scotland	241 8.4%	487 16.9%	643 2.5%	909 3.6%

The cost to the health board is outlined in the following table this expenditure has been identified and addressed within the current insulin pump budget.

NHS Board	Total cost for 2012/2013 <i>Cost based on cost of pump. initiation and consumables and insulin for 1 year for <18s</i>	Total cost for 2013/2014 <i>Cost based on cost of pump. initiation and consumables and insulin for 1 year for >18s</i>	Total Cost for 2014/2015 <i>Cost based on cost of pump. initiation and consumables and insulin for 2 years for >18s</i>	Total cost to meet Ministerial commitment over three years
Borders	£9,634	0	0	£9,364
Scotland	£2,355,513	£2,096,154	£2,919,708	£7,371,375

NHS Borders has in place a structure to year on year increase insulin pump provision for patients with Type 1 diabetes. This has resulted in a minimal increase required to meet the required Government target. Staff funding to support this extra work has been identified on a temporary basis but will need to be revisited as the number of pumps continues to grow. The current action plan which is in place providing 3 paediatric pumps and 6 adult pumps per year will be supplemented with 6 adult pumps and 3 paediatric pumps in the financial year 2012/2013 to maintain targets. The diabetes service require 24 pumps in total for 2012/2013 and this has been requested from the Scottish Government as it was felt that NHS Borders should receive some benefit from the revenue funding identified by the Scottish Government. It is the aim of NHS Borders Diabetes MCN that this service continues to develop to meet the needs of its Type 1 diabetes population.

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