

NHS Shetland Diabetes Managed Care Network

Insulin Pump Action Plan 2012/13

Capacity				
Issue	Current Situation	Action needed	Plan (who is doing)	Progress
Children (and their parents) on insulin pumps need 24/7 access to specialist pump advice.	The Shetland Paediatric nurses do not provide a formal on call service on island. However all patients on a pump have a written plan which includes how to get assistance when local staff are not available, and how to act if the pump is not working (ie need to restart non-pump insulin). This assistance will be from Grampian Specialist Staff, Medtronic helpline and 24/7 patients can call the Medical Ward in Aberdeen.	Ensure that this service is captured in the Operational Framework. Ensure that all patients have a written plan in place.	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 or Confirm cover arrangements in place (Local Paediatric Nurses) Check all paediatric pump patients have full written information (Local Paediatric Nurses)	
Adults on insulin pumps need 24/7 access to specialist pump advice.	There is currently no local on call service to provide this. On call advice is provided through NHS Grampian	Ensure that this service is captured in the Operational Framework	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
The Scottish Government are requiring that 25% of Type 1 diabetic children are using insulin pumps by 2013	This would require us to have 4 children on pumps and currently there are 2.	Complete and return 'Projected number of Insulin Pumps' documents by the 16 th March 2012	Return as planned (MCN Manager)	
		Complete and return the 'Insulin Pump Action Plan' by the 23 rd March 2012	Return as planned (MCN Manager)	
The Scottish Government are	This would require us to have	Complete and return 'Projected	Return as planned (MCN Manager)	

requiring that the number of Type 1 diabetic adults using insulin pumps triples by 2015	6 adults on pumps and currently there are 2	number of Insulin Pumps' documents by the 16 th March 2012		
		Complete and return the 'Insulin Pump Action Plan' by the 23 rd March 2012	Return as planned (MCN Manager)	
The diabetes support service on Shetland is very fragile.	The current Diabetes Service relies heavily on individual practitioners and there is limited succession planning.	Work with the obligate network to ensure resilience improved.	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
		Identify local opportunities for succession planning	Diabetes Specialist Nurse to canvas for nurses looking for development opportunity (Diabetes Specialist Nurse)	
It is reasonable to expect that NHS Shetland will need to support pregnant women on insulin pumps.	We would not be able to support this safely on island at present especially in an emergency situation.	Complete training plans for local clinicians.	(See training section below)	
		Ensure pathways in place for pregnant women on insulin pumps	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
We are not able to plan this service development.	Some of the people with pumps have moved in to the area with pumps already in situ. This is expected to recur as pumps are in wider use in parts of the EU which may be sources of migration to Shetland.	Ensure that there is a process in place to notify the local Diabetes Services of all new Shetland residents with an insulin pump.	Local Diabetes team to review how this could happen (Diabetes Specialist Nurse and Diabetes Consultant)	
Infrastructure				
Issue	Current Situation	Action needed	Plan (who is doing)	Progress
We need to ensure an effectively commissioned service for insulin pumps for	The paediatric insulin pump service for Shetland residents is provided in partnership	Need to agree an Operational Framework for the paediatric pump service with NHS	Complete Operational Framework for paediatric Pump Service (MCN Manager, local Paediatric Nurses)	

children	with NHS Grampian Paediatric Service. The pumps are provided according to the SIGN 116 Guidelines	Grampian.		
		Need to agree referral criteria and referral pathways with NHS Grampian (? If these are not already in place)	Need to produce a local referral guideline based on SIGN 116 (local Paediatric Nurses)	
We need to ensure an effectively commissioned service for insulin pumps for adults	The adult insulin pump service is provided through the Diabetes Service with NHS Grampian.	Need to agree an Operational Framework for the adult pump service with NHS Grampian.	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant) Draft Operational Framework then needs to go to local Commissioning Team (MCN Manager)	
		Need to agree referral criteria and referral pathways with NHS Grampian.	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
We need to ensure that our Obligate Network with NHS Grampian is optimised.		Need to formalise links with the NHS Grampian Diabetes MCN	Discuss options for this at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	

Staffing

Issue	Current Situation	Action needed	Plan (who is doing)	Progress
Children on insulin pumps need regular access to specialist pump clinical service eg outpatient review.	Currently clinical support is provided by 2 paediatric nurses (2.0 WTE) and a visiting paediatrician service (2 times per year) and by patients travelling to Aberdeen for appointments	Clinical provision will be described in the Operational Framework.	Complete Operational Framework for paediatric Pump Service (MCN Manager, local Paediatric Nurses)	
Adults on insulin pumps need regular access to specialist	Currently clinical support is provided by 0.8WTE Diabetes	We need to ensure that adults on pumps can avoid travelling	Optimise training and knowledge of on island staff (see training section)	

pump clinical service eg outpatient review.	Nurse Specialist and a General Physician with a Special Interest in Diabetes and by patients travelling to Aberdeen for appointments	to Aberdeen wherever possible Explore options for telelink services to support available services on island	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
Specialist Dietician support is needed to run an effective local insulin pump management service.	There is no dietician with Diabetic experience currently available	Review training needs with Dietician Service manager	Arrange a meeting between Local Dietician and their manager, Diabetes Consultant and Diabetes Nurse to identify next steps (Diabetes Specialist Nurse)	
General Practitioner support is needed to run an effective local insulin pump service	We do not currently have a GP representative on the Diabetes MCN or a GO with Special interest in Diabetes.	Discuss options for addressing this with the Medical Director.	Invite Medical Director to the next Diabetes MCN and add as an agenda item (MCN Manager)	

Training

Issue	Current Situation	Action needed	Plan (who is doing)	Progress
Key individuals in an effective local insulin pump management service require to be trained appropriately.	The paediatric nurses have had some training.	Local training needs analysis needed for the Paediatric Nurses. Need to identify training opportunities through NHS Grampian.	Local Paediatric Nurses to work in partnership with Grampian Specialist Paediatric Diabetes Nurses to agree training needs and training opportunities (Local paediatric Nurses)	
	The Diabetes Specialist Nurse has not been DAFNE trained to an appropriate level.	Arrange DAFNE training and then subsequent DAFNE Advisor programme (DAP) for the Diabetes Specialist Nurse	Add to Agenda for Change Staff training plan held by Organisational Development (MCN Manager)	
	The General Physician has not been DAFNE trained to an appropriate level.	Arrange DAFNE training and then subsequent DAFNE Doctor programme (DDP) for the Consultant Physician	Add to Medical Staff training plan held by the Medical Director (MCN Manager)	
	There is no diabetic trained dietician on island.	Need to establish options for moving this forward.	Arrange a meeting between Local Dietician and their manager, Diabetes Consultant and Diabetes Nurse to identify next steps	

Key individuals in an effective local insulin pump management service require adequate clinical supervision	Local Paediatric nurses get clinical supervision from the Grampian Specialist Paediatric Diabetes Nurses informally as required. All paediatric Diabetes patients are seen at least every other clinic visit by the visiting specialist team so care provided by local staff is regularly reviewed.	Local training needs analysis needed for the Paediatric Nurses. Need to identify training opportunities through NHS Grampian.	(Diabetes Specialist Nurse) Local Paediatric Nurses to work in partnership with Grampian Specialist Paediatric Diabetes Nurses to agree training needs and training opportunities (Local paediatric Nurses)	
	Specialist Diabetic Clinical Supervision is not routinely available to the Diabetes Nurse Specialist although all opportunities for clinical networking are actively sought	Need to establish options for moving this forward (if not already in place?)	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
	Specialist Diabetic Clinical Supervision is not routinely available to the Consultant Physician although all opportunities for clinical networking are actively sought	Need to establish options for moving this forward	Discuss at the planned meetings with Grampian Diabetes MCN on the 26 th April 2012 (MCN Manager, Diabetes Specialist Nurse and Diabetes Consultant)	
	There is no diabetic trained dietician	Need to establish options for moving this forward	Arrange a meeting between Local Dietician and their manager, Diabetes Consultant and Diabetes Nurse to identify next steps (Diabetes Specialist Nurse)	

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