

A clinical nurse specialist-led children's continence service (Reilly 2012)

Inputs

Investment

DIRECT

- 1 WTE Band 6 nurse
- Secretary Band 2- 8 hrs./wk.
- Service funded from CCN budget
- Clinical rooms within Trust properties
- Clinical supplies and equipment – enuretic alarm, urine testing strips, bladder scanner, uroflow
- Office supplies and equipment
- Nurse

INDIRECT

- Travel costs
- Download information leaflets from ERIC, PromoCon
- Leaflets from pharmaceutical companies
- Non medical prescribing
- Containment

The service

Activities and outputs

Clinics/home visits/telephone

- Assessment
- Investigations – ultrasound scanning, uroflow, urinalysis
- Diagnosis
- Individual treatment/ management plan
- Follow up and review
- Independent nurse prescribing and continence medication review
- Referral on discharge
- Education of carers / health care

Groups Targeted

For intervention

- Children aged 0-18yrs who have a continence issue residing in the Northern sector of the Western Trust

For partnership

- Children with continence issues
- Carers of children with continence issues
- Other health professionals involved with children with continence issues
- Education professionals
- Support groups eg. ASD, Downs

Source of Referral 2011/2012

- Community Paediatrician 39
- Hospital Consultant 94
- GP 69
- Health Visitor 84
- School Nurse 65
- Parent 13
- Other 44
- Total 408

Summary of benefits

For service users Short term outcomes

- Better management of continence issue
- Prevent exclusion from school/ social situations
- Timely support for family and child - frequent follow up, telephone access to advice
- Individual management plan
- Expert care provision
- Reduced need for hospital referral/admission for continence issues

Medium term outcomes

- Improvement in continence symptoms
- Early intervention for children with continence issues

Long term outcomes

- Reduction in number of children with long term continence issue
- Avoidance of unnecessary tests and investigations
- Reduced need for medical referral in management of childhood

For the healthcare system

- Comparison of costs for child with daytime wetting, attending nurse led community continence clinic and child attending consultant led hospital clinic **£85.50 vs £456**
140 children referred to the children's continence nurse with daytime wetting. Of these 140, 36 children had attended consultant led hospital clinic and were referred on to the children's continence nurse for urotherapy. Total cost : 104 patients X £456 = **£47,424**
140 children referred to the children's continence nurse led clinic with daytime wetting Total cost: **£11,970**
- **Cost savings to the Trust of the nurse led service for children with daytime wetting 2011/2012.** (Assuming that those children referred to the children's continence nurse would have been referred to the paediatrician) **£35,454/2yr in Northern Sector of Trust**
- Comparison of costs for child with constipation and soiling attending nurse led community continence clinic and child attending consultant led hospital clinic **£85.50 vs £461** **Cost savings to the Trust of the nurse led service for children with constipation and soiling 2011/2012** (assuming that those children referred to the children's continence nurse would have been referred to the paediatrician) **£37,738/2yr in Northern Sector of Trust**