



The Burdett Trust for Nursing End of Grant Report 2012/13

Integrating the Use of Intravenous Therapy (fluids & antibiotics) into Nursing Care at Castel Froma



Introduction & Background

Castel Froma provides rehabilitation and 24 hour nursing care for people disabled by brain injury or neurological conditions. All have complex disabilities resulting in problems with mobility, swallowing, breathing, continence or impaired cognitive abilities. By providing a combination of day, respite and long-term nursing care we help each individual to cope with day-to-day living, and offer intensive therapeutic intervention to help people to re-learn basic life skills and improve their quality of life.

Limited mobility and use of feeding tubes and catheters causes frequent chest and urinary infections within our client group. Hospital admissions for antibiotics brings further problems; fear & anxiety, exposure to infections and patient needs which are too complex for a busy NHS ward.

To meet requests from our service users to be treated in the centre, and fulfil our Gold Standards Framework (End of Life Care) Beacon status to let patients spend their last days where they choose, we set up a project to train our nurses to deliver intravenous therapy in the centre. With this innovation we planned to reduce the need for hospital admissions and treat residents where they wish to be cared for.

In November 2011, the Burdett Trust for Nursing awarded a grant of £20,000 which enabled Castel Froma to implement our plans. We are very grateful to the trust for awarding this grant and hope you enjoy reading the summary of what we have achieved over the twelve month duration of the project, thanks to your donation.

Aims of the Project

- To improve the skills of our nursing staff so they can offer aspects of hospital care, in the community
- To give our clients the choice to have the treatment they require in the place they wish to receive it
- To reduce the cost of providing patient care and strain on NHS resources
- To reduce number of hospital admissions
- To reduce stress and anxiety levels of vulnerable adults with complex disabilities

Achievements 2012/13

<i>Methodology</i>	<i>Achievement</i>
Train a core group of 2 senior registered nurses to commence the IV fluids with special attention to fluids with special attentions to cannulation, maintenance of IV patency and prevention of complications	Three nurses trained in intravenous cannulation and phlebotomy. All are now deemed as competent and able to practice.
Training for the remaining group of twenty registered nurses on the general care of IV fluids, IV drug administration and IV site care.	All nurses trained in the administration of IV antibiotics and fluids.
Training for the GP on prescribing IV medication	GP attended training and cannulation update
Equipment resources such as needles, syringes, IV lines, drip stands	All equipment purchased
Part funding of the annual salary of the lead intravenous nurse's salary to set up, monitor, audit and evaluate the effectiveness of the programme	Lead nurse identified and service established with on going training and competency assessments
Part funding for the on-call salary enhancement for the core group of Registered Nurses to administer treatments outside of their usual shift hours	On call rota established and nurses called when required.

Funding for the Lead IV nurse to undertake a Non Medical Prescribing for Health (V300) course at Coventry University	Still to be undertaken but potential candidates identified
The printing of leaflets and questionnaires to give to families to provide information about the service and assess its effectiveness	Completed
Sharing learning with other local healthcare organisations on completion of the project	Completed. Discussed with local Clinical Commissioning Group, hospitals and local care homes

Outcomes

<i>Outcome</i>	<i>Achievement</i>
Our nursing team is more skilled, having completed the training course and learning how to integrate intravenous therapy into their nursing care	The nursing team have developed their skills and abilities in cannulation and intravenous therapy administration
Our residents have more control where and when they receive the medical treatment they need	Residents are able to decide on their choice of location of care for a number of conditions
Our local NHS hospitals have realised a drop in demand and a resulting cost saving from reduced admissions for intravenous therapy	We are working closely with the local hospital to reduce hospital admissions and promote early discharge from the ward
Less of our residents have had to be admitted to hospital	We have noted a reduction in hospital admissions for common infections such as urinary tract infections
We will see evidence of less anxiety about hospital admission, as well of reduced complications which arise from a stay in hospital.	Our residents have expressed an interest in remaining at Castel Froma rather than be admitted to hospital

Conclusion

We would like to take this opportunity to thank the Burdett Trust for Nursing and all its trustees once again for your support of our work.

Castel Froma has now obtained a second Care Centre and we will be transferring our intravenous therapy skills to the Helen Ley care Centre in the near future.

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