

Out-Patient and Home Parenteral Infusion Therapy (Whitwam 2015)

Inputs

Investment

Running/ operational costs (yearly)

£290,502.61

Resources

Direct

- › 1 WTE band 7 Lead nurse
- › 3 WTE band 6 OHPiT nurse
- › 1 WTE band 3 Healthcare assistant
- › 0.2 WTE Antimicrobial Pharmacist
- › Floor space usage
- › Pool car service
- › Drug costs
- › Clinical consumables

Indirect

- › Consultant Microbiologist
- › NHS 111 service
- › District nursing service

The Service

Journey through Service

- › The service can deliver IV antimicrobial therapy in the community as opposed to in the acute hospital setting for patients who have an acute or chronic infection.

Practical support

- › The referring clinician maintains clinical responsibility throughout the course of OHPiT treatment, though the day-to-day management will be co-ordinated by the OHPiT team which adopts a multidisciplinary approach with input from the Consultant Microbiologists and the Antimicrobial Pharmacist.

Referral routes

- › Referrals to the service can come from either the primary or secondary care setting.

Activity/ delivery (12 months)

- › **1720** hospital inpatient bed days avoided
- › **658** of the 1720 were complete admission avoidance
- › **1062** of the 1720 were through facilitation of early discharge

Summary of Benefits

For service users

- › Promotion of patient choice
- › Independent / normal daily activities may be possible
- › No separation from family
- › Reduced risk of healthcare acquired infections
- › Increased patient satisfaction

For healthcare system

- › 24hr provision of parenteral therapy for £168.90 (cf £267.20 av. inpatient costs) 1720 hospital inpatient bed days avoided
- › Total = **£396,862 (£106,359.39 saving)**
- › Reduction in length of hospital stay
- › Reduction in surgical waiting times
- › Decreased pressure on emergency departments
- › Reduced hospital acquired infection rates
- › Enhanced multidisciplinary working across Primary and Secondary care

Opportunities for service development

- › If the OHPiT service continues to deliver at the activity level achieved, this indicates a very cost effective alternative to the usual inpatient care delivery. Through the utilisation of the OHPiT, the Trust can create capacity within the hospital to see more complex / critical patients.