

Health Economics

Outpatient and Home Parenteral Antibiotic Therapy service

Date

Completed 2003

Location

Gartnavel General Hospital

Key Partners

North Glasgow Division
Greater Glasgow NHS
Board

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Summary of project and achievements

Over the last few years the health economics team has conducted a number of economic evaluations of local service developments. **Outpatient and Home Parenteral Antibiotic Therapy service (OHPAT)** described below is one example. Another example is [Hospice at Home](#).

A service was developed at one of the local hospitals to provide an alternative treatment option for patients whose main reason for hospitalisation is the administration of parenteral antibiotics. This nurse-led service offered patients the opportunity to receive their course of antibiotics either at an outpatient clinic or in their own homes. Using prospectively collected data on resource use and outcomes, an economic analysis was carried out to compare the costs and effects of the OHPAT service compared to inpatient antibiotic treatment. The results indicated that treating 364 patients via the OHPAT service over a three-year period cost £900,000 less than the equivalent inpatient treatment would have, while maintaining similar clinical outcomes. The positive clinical findings and cost-effectiveness results assisted in securing continued development of the service which now treats 250-300 patients each year.

