

Wallasey Health Alliance LLP Stable Angina Plan

The Challenge

In 2000 the NHS spent over £669 million on Angina¹. Better Care, Better Value Indicators identified £32.56 million overspend incurred nationally by inappropriate angina referrals to secondary care². NHS North West has an angina overspend of £7m per year due to excessive emergency A&E admissions². Wallasey Health Alliance LLP, with a population of 60,000, identified from a detailed business case that stable angina care was a disease area that could be improved and generate efficiency savings.

The Objective

Patient	<ul style="list-style-type: none"> • Patient reported outcomes from questionnaire • Fewer Hospital Admissions • Better information about condition and treatment options • Better experience of healthcare system
NHS	<ul style="list-style-type: none"> • Better Health outcomes – fewer PCIs • Better use of resources – fewer hospital admissions for Angina emergency admissions • Lower costs of Hospital admissions
Servier	<ul style="list-style-type: none"> • Improved relationship with Wallasey Alliance LLP • Better understanding of customer and patient needs • Gain a better understanding of Joint working

The Solution

Wallasey Alliance LLP wanted to provide a personalised, localised GP led service to manage stable angina patients in a primary care clinic where revascularisation was not considered to be necessary following an initial evaluation and risk stratification.

- **Treatment guidelines** were designed in line with the national guidelines^{3,4,5}, and agreed by the Wallasey Health Alliance LLP governance group. National and international Stable Angina guidelines advise that low risk stable angina patients should be offered optimal medical management, (including controlling heart rate) before the use of palliative revascularisation (CABG - Coronary artery bypass grafting or Percutaneous coronary intervention - PCI)^{3,4,5}.
- **An optimal medical treatment pathway and treatment algorithm** was adapted from the local Cheshire and Merseyside Cardiac Network⁶.
- **A patient self-care education program** was provided by Virtual Angina - a provider of patient centred service redesign⁷.
- Servier provided business planning, project management and part funding of the Virtual Angina clinic costs.

Resource Contribution

Wallasey Health Alliance	Servier Laboratories Ltd
Healthcare Professional clinics	Business Planning
Project Management and administration	Project Management
Funding Virtual Angina Clinic	Funding Virtual Angina Clinic
£40 000	£35 000

The Outcome

In total there was a £90,000⁶ saving in seven months, predicting a yearly efficiency of £154,285. This saving was achieved with just 40 patients going through the Virtual Angina clinic.

Patient	<ul style="list-style-type: none"> • 90%+ of patients agreed that they were less anxious⁷ • 100% of patients agreed that they were more in control of their disease⁷ • 100% agreed that they would recommend the angina clinic to all angina patients⁷
NHS	<ul style="list-style-type: none"> • 19% reduction in PCIs saving £60,000⁸ • 60% reduction in stable angina emergency admissions saving £25,000⁸ • 37% reduction in stable angina cardiology out patient follow up appointments saving £5,000⁸
Servier	<ul style="list-style-type: none"> • Improved an open working relationship with the Wallasey Health Alliance LLP • This project has helped to develop other Servier joint working projects

For further information contact Michelle Bedser, NHS Business Development Manager, Servier Laboratories Limited (michelle.bedser@uk.netgrs.com)

References

1. Stewart S et al. *Heart* 2003;89;848-853
2. Better Care< better Value Indicators. www.productivity.nhs.uk (last accessed 21/02/11)
3. Fox et al. Guidelines on the management of stable angina pectoris: The task force on the management of Stable angina pectoris of the European society of cardiology. *Eur Heart J*:2006;27;1341-1381
4. Scottish Intercollegiate Guidelines Network February 2007
5. AHA Guidelines for the Management of Patients with chronic stable angina.
6. Wallasey Health Alliance Optimal Medical Treatment Pathway for stable angina final version 03-05-10.
Data supplied by Wallasey Health Alliance LLP, June-November 2010. Permission to use data given by Wallasey Health Alliance LLP.
7. Virtual Angina Ltd, Patient-centred by design. www.angina.org/?page_id=327 (last accessed 24/05/11) Permission to use data given by Virtual Angina.
8. Data supplied by Wallasey Health Alliance LLP from June-November 2010.