

QIPP SCHEME SUBMISSION 2013-14 (BRIEF OVERVIEW)

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1. Details of QIPP Scheme	
Title of Scheme -	24*7 Coronary Angioplasty Service (Primary Percutaneous Intervention – PPCI) at WAT (in line with National Infarct Angioplasty Project).
Purpose of Scheme -	Reduction in patient journey time and avoidance of A&E attendance and admission for stabilisation purposes. Improved health outcome for patients as it is considered to be the preferred therapeutic option for patients with STEMI (acute ST-segment elevation myocardial infarction) if the procedure can be performed within 90 minutes post first medical contact (Van de Werf et al 2003).
Brief Description – (include key deliverables and what problem is being addressed)	<p>The benefits of direct transfer to PPCI centres are demonstrated in figures below. Unpublished data for 2005-2006 from South Tees Primary Angioplasty Service show a mean door-to-balloon time of 63.7 minutes for patients where telemedicine and direct catheter laboratory admission were used, compared with door-to-balloon time of 92 minutes if the patient was taken to A&E first.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Traditional patient pathway for primary percutaneous coronary intervention (PPCI)</p> <pre> graph TD A[Patient experiences chest pain and calls for help (999)] --> B[Paramedic arrives Assessment by paramedic: 12-lead electrocardiogram performed Patient is transferred to accident and emergency (A&E)] B --> C[Patient is assessed by A&E team and ST-segment elevation myocardial infarction diagnosed] C --> D[Cardiology team is contacted and reviews patient] D --> E[Patient is taken to catheter laboratories and prepared for PPCI] E --> F[PPCI performed: initial balloon inflation time is recorded] </pre> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Patient pathway for PPCI with pre-hospital triage</p> <pre> graph TD A[Patient experiences chest pain and calls for help (999)] --> B[Paramedic arrives Assessment by paramedic: 12-lead electrocardiogram confirms ST-segment elevation myocardial infarction Paramedic contacts PPCI centre and arranges admission direct to catheter laboratories] B --> C[Patient is taken directly to catheter laboratories and prepared PPCI performed: initial balloon inflation time is recorded] </pre> </div>

QIPP Category – (please select from the dropdown)	Urgent Care																																																											
Impact of Scheme –	<u>Redditch & Bromsgrove CCG :</u> Before implementing the scheme After implementing the scheme <u>Redditch & Bromsgrove CCG :</u> Before implementing the scheme After implementing the scheme	Activity	Financial Value (£)																																																									
2. Savings Anticipated																																																												
Source of Savings - (please cross out the relevant box)	<input type="checkbox"/> Transactional Productivity and Contractual Efficiency Savings <input checked="" type="checkbox"/> Transformational Service Re-design and Pathway Changes																																																											
Amount – (Quantify the savings and briefly sharing the modelling for both CCG's)	<p>The activity details of WAT for EB10Z as at M06 for 2012-13 are:</p> <table border="1" data-bbox="437 1061 1436 1272"> <tr> <td>Provider</td> <td colspan="7">RWP - <input type="text" value="Worcestershire Acute Hospitals NHS Trust"/></td> </tr> <tr> <td>Sum of Activity</td> <td colspan="7">Column</td> </tr> <tr> <td>Row Labels</td> <td>Month 1</td> <td>Month 2</td> <td>Month 3</td> <td>Month 4</td> <td>Month 5</td> <td>Month 6</td> <td>Grand Total</td> </tr> <tr> <td>EB10Z - Actual or Suspected Myocardial Infarction</td> <td>22</td> <td>13</td> <td>7</td> <td>11</td> <td>7</td> <td>7</td> <td>67</td> </tr> <tr> <td> NHS Redditch and Bromsgrove CCG</td> <td>13</td> <td>10</td> <td>5</td> <td>8</td> <td>4</td> <td>6</td> <td>46</td> </tr> <tr> <td> NHS Wyre Forest CCG</td> <td>9</td> <td>3</td> <td>2</td> <td>3</td> <td>3</td> <td>1</td> <td>21</td> </tr> <tr> <td>Grand Total</td> <td>22</td> <td>13</td> <td>7</td> <td>11</td> <td>7</td> <td>7</td> <td>67</td> </tr> </table> <p>A target to reduce 25% of activity and direct transfer to PPCI service would save:</p> <p>R&B CCG – $46 * 0.25 * 2 * £3,436 = £79,028$</p> <p>WFCCG – $21 * 0.25 * 2 * £3,436 = £36,078$</p>				Provider	RWP - <input type="text" value="Worcestershire Acute Hospitals NHS Trust"/>							Sum of Activity	Column							Row Labels	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Grand Total	EB10Z - Actual or Suspected Myocardial Infarction	22	13	7	11	7	7	67	NHS Redditch and Bromsgrove CCG	13	10	5	8	4	6	46	NHS Wyre Forest CCG	9	3	2	3	3	1	21	Grand Total	22	13	7	11	7	7	67
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Type of Net Savings - (please cross out the relevant Box and state the relevant amounts)	<u>Redditch & Bromsgrove CCG :</u> <input checked="" type="checkbox"/> Recurrent <input type="checkbox"/> Non-Recurrent <p style="text-align: center;">Total</p> <u>Wyre Forest CCG :</u>	<u>Original Savings</u> <p style="text-align: center;">£ 79,028</p> <p style="text-align: center;">£ 0</p> <p style="text-align: center;">£ 79,028</p>	<u>Investment (if any)</u> <p style="text-align: center;">£ 0</p> <p style="text-align: center;">£ 0</p> <p style="text-align: center;">£ 0</p>	<u>Net Savings</u> <p style="text-align: center;">£ 79,028</p> <p style="text-align: center;">£ 0</p> <p style="text-align: center;">£ 79,028</p>																																																								

	<input checked="" type="checkbox"/> Recurrent	£ 36,078	£ 0	£ 36,078
	<input type="checkbox"/> Non-Recurrent	£ 0	£ 0	£ 0
	Total	£ 36,078	£ 0	£ 36,078

3. Relevant Contacts and Resources

<p>Please include contacts of relevant individuals to the scheme and links to documents where relevant</p>	
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