Nurse-led Rapid Access Chest Pain Clinic at the Royal Glamorgan Hospital by Sharon Cassidy/Andrea Gasson
The team consists of:

- **Cardiology nurse specialist**
  - Sharon Cassidy

- **Part time clinic administrator**
  - Rhian Thomas

- **Cardiac physiologists**
  - Victoria Brooks, Sian Woodfield, Barbra Morris
  - Mike Johns

- **Consultant Cardiologists**
  - Dr G R Ellis, Dr Foo, Dr Bleasdale
Rapid Access Chest Pain Clinic

The clinic was launched in September 2006

There are currently 5 clinic sessions each week with a capacity of 14 patients per week

Clinic appointments are 1 hour in duration

Average waiting time in the first year was 13 days which was in keeping with the NSF target, however there is currently a 6 week waiting list. This is partly due to increased referrals from Primary Care together with the implementation of AMU Referral Protocol.
# Inclusion/Exclusion Criteria

<table>
<thead>
<tr>
<th>Inclusion Criteria</th>
<th>Exclusion Criteria</th>
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<tbody>
<tr>
<td>• Patients with new onset of chest pain thought to be cardiac in origin.</td>
<td>• Patients with a suspected ACS</td>
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<td>• Patients with known stable angina but now having increasing symptoms and not previously seen by Cardiologist.</td>
<td>• Patients with known or suspected valve disease</td>
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<td>• Patients previously seen but discharged from Cardiologist with increasing cardiac sounding symptoms.</td>
<td>• Patients with uncontrolled HTN (SBP &gt; 180mmHg, DBP &gt; 100mmHg) BCS Guidelines</td>
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<td>• Patients with history of arrhythmias or palpitations</td>
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<td>• Patients unable to physically undertake a standard Bruce protocol ETT</td>
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<td>• Patients with Left Bundle Branch Block on ECG</td>
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</table>
Aims and Objectives of the end of first year audit

To ensure effective treatment of patients with new onset chest pain suggestive of angina

Methodology

Anonymous satisfaction questionnaire
Data collection
Patient satisfaction survey 2006-2007

- 296 Questionnaires were sent out
- 57% Replied
- 78% Were very satisfied with the overall service.
- 20% Satisfied
- 2% Declined to comment
How happy?

How happy?

Enough information?

Very Satisfied

Satisfied

No Reply

0%

10%

20%

30%

40%

50%

60%

70%

80%

Yes

No

No Comment

0%

10%

20%

30%

40%

50%

60%

70%

80%
Any further visit to G.P?

Any further investigations?

 (-- survey results graph --)
GP Satisfaction Survey

All GP practices within the catchment area were sent questionnaires

- 52% of GP practices returned completed questionnaires
- 77% felt satisfied with the referral process
- 8% felt the speed of report back to the GP was poor - this has since been addressed in that now the letter is both faxed and posted on the day of the clinic.
- 15% Declined to comment
Result of the G.P Questionnaire

- Ease of referral: Very good, good, satisfactory, Poor, No response
- Time Taken: Very good, good, satisfactory, Poor, No response
- Speed of report: Very good, good, satisfactory, Poor, No response
- Quality: Very good, good, satisfactory, Poor, No response
- Overall satisfaction: Very good, good, satisfactory, Poor, No response
Facts and Figures
September 2006-2007

- 346 Referrals received
- 9 Inappropriate referrals
- 155 (50%) Male
- 157 (50%) Female
- Average Age was 63 years
- 312 (90%) Underwent an exercise test
Facts and figures 2006 - 2007

- 150 (48%) Were discharged back to the GP
- 45 (10%) Were not suitable for exercise testing
- 3 Patients have been admitted to CMU following clinic.
- 57 Patients referred for Coronary Angiography
- ONLY 2 DNA'S
Angiogram referrals

Of the 57 patients referred for Coronary Angiography

- 26% Had normal coronary arteries
- 37% Medical Therapy
- 25% Underwent P.C.I
- 12% Underwent CABG
Referrals received
Referrals sent for angiogram

<table>
<thead>
<tr>
<th>Month</th>
<th>Referrals received</th>
<th>Referrals sent for angiogram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept</td>
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<td>Oct</td>
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<tr>
<td>Aug</td>
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Facts & Figures
September 2007 - April 2008

• 251 Referrals received
• 232 (92%) Underwent an exercise test
• 3 Inappropriate referrals
• 6 DNA's
• 51 (20%) Directly referred for Coronary Angiography
ACUTE MEDICAL UNIT ADMISSIONS AND THE RAPID ACCESS CHEST PAIN SERVICE
Aim

• To ensure effective treatment of AMU patients with new onset chest pain suggestive of angina
AMU referral for Nurse-led Rapid Access Chest Pain Clinic

Number of referrals

<table>
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<tr>
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<tbody>
<tr>
<td>Jan</td>
<td>12</td>
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<tr>
<td>Feb</td>
<td>13</td>
</tr>
<tr>
<td>March</td>
<td>14</td>
</tr>
<tr>
<td>April</td>
<td>13</td>
</tr>
</tbody>
</table>
outcomes

- 54 Referrals received
- 33 Male
- 21 Female
- 10 Inappropriate referrals
- 27 ETT performed - 15 discharged, 12 positive
- 17 On waiting list - appointments pending
Thank you for your time

Any Questions?