

# CORONARY HEART DISEASE & STROKE PROGRAMME



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## MANAGED CLINICAL NETWORKS (MCNs)

### MCNs ON THE WEB

The CHD & Stroke MCNs On the Web Project finished in October 2007. All the project output and the project final report will be published shortly on the project website [www.mcnnowproject.scot.nhs.uk](http://www.mcnnowproject.scot.nhs.uk).

For more information, please contact:

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## NATIONAL CLINICAL DATASET DEVELOPMENT IN CHD AND STROKE

National Clinical Data Standards are key components of the future Electronic Health Record in Scotland. Systems which adhere to these data standards will be able to communicate with each other and share information (for instance between primary and secondary care and between hospitals) this is vital to optimise the care of our patients.

### CHD AND STROKE

Clinical data standards for Rapid Access Chest Pain have recently been approved by the NCDDP Board and will shortly be available on the 'Clinical Datasets' section of the online Health and Social Care Data Dictionary ([www.datadictionary.scot.nhs.uk/](http://www.datadictionary.scot.nhs.uk/)).

### ALLIED HEALTH PROFESSIONS (AHP)

Data standards for AHP Stroke are expected to be submitted for approval by the NCDDP Board in February 2008.

Clinical data standard development for Cardiac Surgery and Percutaneous Cardiac Interventions are due to start in December 2007. In the New Year a review of CHD Core data standards and Acute Coronary Syndrome data standards will begin.

If you have any queries or comments regarding these developments please contact:

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## SCOTTISH CARE INFORMATION – CORONARY HEART DISEASE (SCI-CHD) ACUTE CORONARY SYNDROME (ACS)

ISD's CHD & Stroke Team are working to set up a mechanism to support the export of routine SCI-CHD data to the UK Myocardial Infarction National Audit Project (MINAP) [http://www.rcplondon.ac.uk/college/ceeu/ceeu\\_ami\\_home.htm](http://www.rcplondon.ac.uk/college/ceeu/ceeu_ami_home.htm) for those sites who wish to participate. It is envisaged that the process will include the production of a summary report on the key indicators to support data quality review by each site prior to the data being uploaded. As a trial ISD have successfully converted an anonymised extract of SCI-CHD data and uploaded it to the Central Cardiac Audit Database CCAD/MINAP server.

### DEVELOPMENT

#### Version 3.0

V3.0 was released on the 1st of November 2007. This included a large amount of functionality:

- Ability to produce and print out Immediate and Final Discharge letters in pdf format.
- Ability to record specific medications against dose, frequency etc from NHS Connecting for Health Drug Dictionary.
- Ability to record specific follow up details.
- New reporting screens to allow the automatic production of the National STEMI quarterly standards reports.

*continued*

- Large number of change requests and error fixes throughout the rest of the system.

### Version 3.1

V3.1 is progressing and it is hoped to release this in early December 2007. This includes:

- Modifications to the Initial Treatment and Reperfusion screen data item flow and the production of a new Initial Diagnosis screen.
- The ability for Data Administrator to edit and add CHI numbers to existing episodes including validation of all changes against National CHI.
- Change requests and error fixes as appropriate

Technical analysis has also commenced on linking SCI-CHD ACS with SCI Gateway to allow the electronic transferral of the Discharge Letters from secondary to primary care. Development will commence on this following the release of (V3.1).

### Implementation

Planning towards going live with SCI-CHD ACS is continuing in a number of hospitals. There are now 21 hospitals that have the system switched on with approximately 5 additional hospitals planning switch on in the next few months. A survey is being undertaken to look at the actual use of the system and results will be published when available.

The Royal Alexandra Hospital is now successfully importing data into SCI-CHD ACS on a monthly basis from the local legacy system.

### SCI-CHD ACS web site

The SCI-CHD ACS information web site is currently being updated <http://scichd.scot.nhs.uk>.

For further information, please refer to the SCI-CHD web site (<http://scichd.scot.nhs.uk>)

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### SCOTTISH STROKE CARE AUDIT (SSCA)

The Scottish Stroke Care Audit National Report was released on the 18th of September 2007. This report on Stroke Services in Scottish Hospitals is based on data from 2005/2006 and is summarized in an Executive summary. Both are available on the website:

<http://www.strokeaudit.scot.nhs.uk/>

If you would like to request a hard copy of the report or Executive summary, please contact Robin Flaig.

The scheduled plan for next year is:

- 29th of January 2008 – Audit Coordinator Workshop.
- 31st of March 2008 – Collect all data in for the National report.
- 31st of May 2008 - Draft report sent out for comment.
- 24th of June 2008 - National Meeting held to discuss the report.
- September 2008 - report finished/published.

For further information, please refer to the Scottish Stroke Care Audit web site

<http://www.strokeaudit.scot.nhs.uk/>

or

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### ISD WEBSITE - CHD & STROKE

The CHD and Stroke websites were updated on the 30th of October 2007. Between them, the two websites contain information on:

- Estimated prevalence of coronary heart disease.
- Primary care consultations.
- Prescribing.
- Hospital-based incidence.
- Hospital activity (including operations).
- Mortality and Survival.

Many of these analyses are available at NHS board and local authority level and some are now available at Community Health Partnership (CHP) level. Some are also available by admission type (e.g. emergency).

The publication attracted coverage in the national media:

the Evening News

<http://edinburghnews.scotsman.com/index.cfm?id=3475575;>

the Scotsman <http://thescotsman.scotsman.com/index.cfm?id=3475718;>

and the BBC <http://news.bbc.co.uk/1/hi/scotland/7069377.stm>

The statistics show improvements in a variety of indicators, including the continued decline in the mortality rate for under 75s for both coronary heart disease (CHD) and cerebrovascular disease (CVD), decreases in the hospital-based incidence of CHD and CVD and a reduction in the number of emergency admissions for acute myocardial infarction.

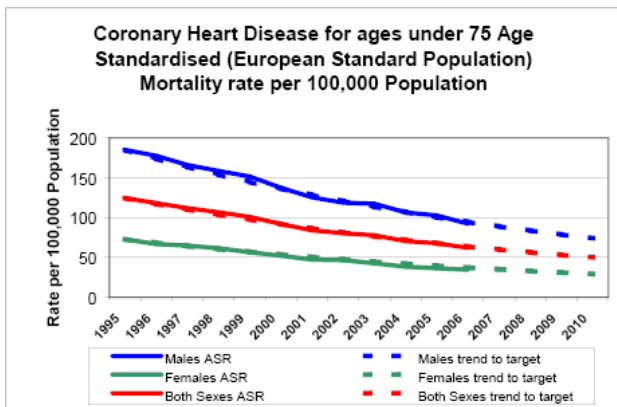
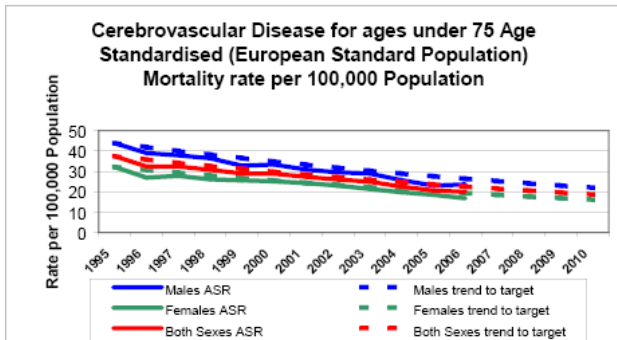
Common interventions to treat CHD and stroke include angiography, percutaneous coronary angioplasty, coronary artery bypass graft and carotid endarterectomy. The intervention rates for these

operations and procedures remain consistent with recent trends, for instance, higher angioplasty rates in recent years, declining CABG rates in recent years and stable carotid endarterectomy rates.

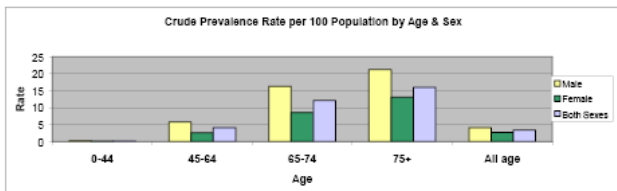
Example analyses from the web site content are included in this newsletter. The tables upon which the charts are based are available on the web site among the range of analyses outlined above.

If you are interested in ad hoc analyses of the source data please contact:

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Also available on the CHD website are estimated prevalence figures by CHP, age and sex.



For further information, please refer to the CHD & Stroke web pages at:

<http://www.isdscotland.org/chd>  
<http://www.isdscotland.org/stroke>

or contact:

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## ICD10 CODE CHANGE TO THE DEFINITION OF STROKE

Following a review of the ICD 10 codes used to identify stroke, it has been agreed to make a change to the ICD10 and ICD9 definitions. The term 'stroke' is often used to cover all cerebrovascular disease and this broader disease group is not affected by the change in definition.

ISD's medical team has reviewed the ICD10 codes used in the definition of stroke (I61 - I64) and it has been decided to exclude the code I62 "Other nontraumatic intracranial haemorrhage" from the definition. The ICD9 definition of stroke (431, 432 and 436) should now exclude 432 "Other and unspecified intracranial haemorrhage".

In summary the following codes should be used:

	ICD10	ICD9
Stroke	I61, I63, I64	431, 436
Cerebrovascular Disease	I60-I69, G45	430 - 438

The information shown on the ISD website for stroke is not currently based on the new codes but analysts in the CHD and stroke team will be using the new codes from now on.

## THE SCOTTISH PARLIAMENT'S HEALTH AND SPORT COMMITTEE

The Scottish Parliament's Health and Sport Committee include, in their work programme for 2007-08, an intention to examine the topic of health inequalities, for example in access to health care among different socioeconomic and demographic groups, for people with cardiovascular diseases. This may involve ISD's Coronary Heart Disease & Stroke Programme in analytical work. The Committee indicate that the inquiry's initial stages will be in the form of a review of existing knowledge of the topic and offer the opportunity to submit views, if any, on the issue.

For further information, please refer to the website page

<http://www.scottish.parliament.uk/s3/committees/hs/HealthInequalities.htm>.

## CARDIAC WAITING TIMES TARGETS

From the 31st of December 2007, targets for two cardiac waiting times pathways will come into force. This commitment was made in the 2004 policy document Fair to All, [Personal to Each - The next steps for NHSScotland](#).

- The first target will be a maximum waiting time of 16 weeks from GP referral via a Rapid Access Chest Pain Clinic or equivalent to intervention, if required.
- The second target is intended for those attending general or sub-specialist cardiology clinics as new or return patients. There will be a maximum wait of 16 weeks to cardiac procedure after a heart specialist has recommended treatment.

The cardiac patient journey will be divided into time specific stages to facilitate flexible systematic approach to patient care and pragmatic measurement of progress against target.

For further information, contact:

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## CHD & STROKE TEAM MOVEMENTS

### WELCOME TO:

Jennifer Bishop, who returned in October 2007 to her job as Principal Analyst after her maternity leave.

### GOOD LUCK TO:

Caroll Brown, who began a one-year secondment to NHS Lothian in November 2007 as data analyst.

Nicola Fleming, who has started her maternity leave in October 2007.

## USEFUL LINKS:

ISD's CHD and Stroke web sites:

<http://www.isdscotland.org/chd> and

<http://www.isdscotland.org/stroke>

The previous Scottish Executive's public health white paper [Towards a Healthier Scotland](#) and [Coronary Heart Disease and Stroke Strategy for Scotland](#)

The Scottish Parliament's Health and Sport Committee:

<http://www.scottish.parliament.uk/s3/committees/hs/HealthInequalities.htm>

e-Library Shared Space

<http://www.elib.scot.nhs.uk/portal/elib/pages/SharedSpaces.aspx>

[NHS Quality Improvement Scotland: Home Page](#)

We welcome your feedback, comments and ideas.

Please contact

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You have received this because your contact details are part of our CHD and Stroke program database. If any of these details are wrong please let us know.