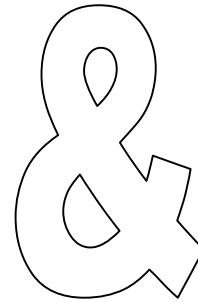




South East Ambulance Clinical Audit Group



JRCALC / ASA CHD Audit
Seminars January/February 2002

ASA/JRCALC CHD dataset/database

Aims to:

Prevent working in isolation & 're inventing the wheel'

Meet the standards* of the NSF-CHD relevant to the Ambulance Trusts

Compliment the RCP, MINAP database & dataset

Facilitate comparable audit data collection at Local, Regional & National Level

* Cardiac arrest dataset/database

ASA/JRCALC methodology builds on SEACAG methods

- RCP MINAP core data
- NSF – CHD standards
- ASA/JRCALC Pre hospital clinical guidelines
- Patient Group Directives
- Consensus meetings of SEACAG members
- ASA/JRCALC thrombolysis committee
- Talks with RCP & CCAD

Audit duration

Continuous for all Trusts from 1st
March 2002

Audit inclusion criteria

100% of patients presenting with chest pain & ST segment elevation (1mm) from 3 lead & 12 Lead ECG traces

Rationale

- Diagnostic issues
- Numbers of patients with chest pain
- Resources for input of cases
- Training issues / documentation

Use of the database

Data collection is **MANDATORY**, use of the database is optional **BUT is strongly advised**

- MINAP
- Fields can be added but not taken away
- It provides pre defined fields which are mandatory for the ASA/JRCALC National CHD audit
- It provides predefined fields which can be use for further regional collaborative audits (discretionary)
- It provides predefined fields to facilitate local clinical audit projects (discretionary)

Things done to reduce Trust resource / input effort

- Inclusion criteria – patient sample
- Coded fields
- Defaults at set up
- Mandatory/ optional fields
- Code card



Coronary Heart Disease

Main Menu

- Add a New Patient Details
- Add Incident Details
- Amend Patient Details
- Amend Incident Details
- Add / Amend Hospital Outcome Data
- Report Menu
- Query Menu
- View Minimum Data Set (RCP/NSF)
- EXPORT: Create export file for NSF national audit
- Make Back-up copy or Restore from Back-up copy
- Exit



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Help

Version



Incident Details - Data Entry Form

Help

New Record
Open Patient Id. Form

Main Menu

Incident

Trust Identifier	32	Model	1	Incident ID		CAD	
Date Of Birth		Age		Gender		Call Type	1
Station		Hospital		Chief Complaint		History	
						Crew	2

Observations

1st Set of Observations		Respiration		SpO2		Pulse		Systolic BP		GCS		Pain Score	70	Initial AVPU	
Last Set of Observations													70	Was the last pain score taken after Analgesic administration?	70
Type of ECG Monitor	1														

Drug Administration

Lidocaine	3	Aspirin		GTN		Entonox	3	Nalbuphine	3	Atropine	3
Streptokinase	1	Frusemide	3	Tramadol	1	Morphine Sulphate	1	Anti-emetic - Metoclopramide	1	Thombolysis Checklist	1
Date and Time Thrombolysed		Retropase	1	Tenecteplase	1	Decision to Thrombolysed	10	Location Thrombolysed			

Times

Onset of Symptoms		Initial Call if not to EMS		Who was called first ?	3	First on Scene	1	Defib ?	1
Arrival of Initial HCP		Call Rec'd by EMS		Arrived at Scene					
Time Arrived at Patient Side		Time Left Scene		Arrived at hospital					

Coronary Heart Disease

Report Menu

- Times - 8 Minute Response
- Times - 30 Minute Call to Door
- Times - 60 Minute Call to Door
- Presenting Rhythm
- Type of ECG
- Defibrillator on scene
- Aspirin
- Pain Relief
- Cardiac Drugs
- Thrombolytics
- Main Menu

Help



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ASA/JRCALC CHD audit - short term

- See finished SEACAG Pilot
- 1st March 2002 onwards for all Trusts full use
 - Core level - to meet ASA/JRCALC, NSF CHD requirements (Mandatory)
 - Full dataset level - for robust clinical audit at local level which can be benchmarked nationally (optional)
- Submission of data to ASANCEP
- Production of National reports

Local implementation

- Two Shires Ambulance service
- London Ambulance service

TWO SHIRES AMBULANCE NHS TRUST



“2000/2001 AUDIT OF THE EMERGENCY CARE GIVEN TO PATIENTS SUFFERING CORONARY HEART DISEASE”

- 6518 Cardiac Related Incidents
(not including cardiac arrest)
- 4335 Cardiac Related Chest Pain
(chief complaint recorded on PRF)
- **388 Chest Pain + ST Elevation**
- 600 Estimated MI's

London Ambulance Service



London Ambulance Service NHS Trust

- 36,000 Chest pains
- 7,000 Cardiac arrests
- 73 Life Pak 12's
- 63/73 distributed (18/70 stations)
- Since July over 500 pts monitored
- Since July 100 Chest pain & ST segment elevation = anterior infarcts