



National Health Service in Scotland
Management Executive

St. Andrew's House
Edinburgh EH1 3DG

Dear Colleague

**NATIONAL SPECIALIST SERVICES - CONTRACTS
1993-94**

Summary

1. To inform all NHS purchasers of the contracts established for National Services for the financial year 1993-94.

Guidance

2. Details of the definition of service to be provided and the activity agreed with provider units for each of the National Services is attached at Annex.
3. In addition MEL(1993)68 sets out details and arrangements for the funding of the National Brain Injury Rehabilitation Service.
4. Within National Specialist Contracts Cardiac Surgery is specified as a fundholding procedure and guidance for GP fundholders on contractual and funding issues related to this is contained in NHS Circular FIN(CON)(1992)8.
5. A copy of all signed contracts in which the Management Executive act as purchaser are held by Ms M Grant in Room 247, St Andrew's House, Edinburgh (Tel 031 244 3580).

Action

6. Please copy this circular to Health Board Directors of Finance, Directors of Finance, NHS Trusts, Unit General Managers, GP fundholders and non-fundholding GPs for information.

Yours sincerely

Francis F. G. Gibb

FRANCIS F GIBB

8 June 1993

Addressees

For action:
General Managers,
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Chief Executives,
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COMMON SERVICES AGENCY	
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CONTRACTS 1993/94**ADULT CARDIAC SURGERY****Definition of Service**

Provision of open heart surgical procedures for adult patients requiring valve surgery, coronary artery bypass surgery and other open heart operations for ischaemic, acquired and congenital heart disease. This covers direct in-patient services from admission for open heart surgery up to discharge or transfer from post-operative ward, and includes all surgery and intensive therapy. In addition provision of facilities for pre-operative outpatient surgical assessment and post-operative surgical review.

Cardiology, diagnostic and imaging activities such as angiography and cardiac catheterisation, normally carried out prior to the definitive admission for cardiac surgery, are excluded. Angioplasty is excluded.

All support services conventionally used by cardiac surgery units will be required including radiology, ultrasound, haematology, biochemistry and pathology laboratories, physiotherapy and other paramedical services as necessary.

The service will have support facilities of an intensive care unit available. The service will be accessible 24 hours a day, for the duration of the contract.

Activity LevelEdinburgh Royal Infirmary

375 open heart operations over 6 month period.

Glasgow Royal Infirmary

500 open-heart operations over 6 month period.

Western Infirmary, Glasgow

400 open-heart operations over 6 month period.

Aberdeen Royal Hospitals NHS Trust

435 open-heart operations during contract year.

PAEDIATRIC CARDIAC SURGERY**Definition of Service**

Provision of open and closed cardiac surgical procedures for children requiring operations for congenital and acquired heart disease. This covers direct in-patient services from admission for heart surgery up to discharge or transfer from post-operative ward, and includes all surgery and intensive therapy. In addition provision of facilities for pre-operative outpatient surgical assessment and post-operative surgical review.

Cardiology, diagnostic and imaging activities such as angiography and cardiac catheterisation, normally carried out prior to the definitive admission for cardiac surgery are excluded. Angioplasty and interventional cardiology are excluded.

All support services conventionally used by cardiac surgery units will be required including radiology, ultrasound, haematology, biochemistry and pathology laboratories, physiotherapy and other paramedical services as necessary.

The service will have support facilities of an intensive care unit available. The service will be accessible 24 hours a day, for the duration of the contract.

Activity Level

Royal Hospital for Sick Children, Edinburgh

120 paediatric open and closed heart operations.

Yorkhill Hospital, Glasgow

200 paediatric open and closed heart operations.

HEART TRANSPLANTATION

Glasgow Royal Infirmary

Definition of Service

The service is to be provided for adult patients clinically suitable for heart transplantation and will include:

- patients who are referred for transplantation will undergo an initial assessment of 3 to 5 days within the heart transplant unit. If the patient is suitable for operation he or she will be registered with the UK Transplant Services Support Authority (UKTSSA) as a potential organ recipient;
- a transplant coordinator;
- the heart transplant unit will provide medical and support staff to form an organ retrieval team to travel when required to remove donor hearts. The unit will arrange, using UKTSSA services where appropriate, transport for donor organs and from the donor hospital to the unit;
- provision of operating facilities for the transplant operation;
- provision for post operative care of transplant patients in intensive care beds;
- provision of renal dialysis to transplant patients where required;
- the provision of appropriate specialist laboratory and pathology services required for monitoring and control of potential rejection of transplanted organs. This to include facilities for biopsy of the endomyocardium and examination of the sample by specialist pathology staff;

- provision of general support services for all stages of the transplant surgery process of radiology/imaging, haematology, blood transfusion, biochemistry, pathology and physiotherapy services;
- provision of accommodation for patients referred from outwith Glasgow; and a friend or relative, for a period of up to 4 weeks after operation, and following discharge to allow the patient to attend hospital for out-patient tests;
- the service will be accessible 24 hours a day, 365 days a year;
- in addition to normal hospital pharmaceutical requirements, provision of specialist immuno-suppressive and similar drugs to transplanted patients in the period following their discharge from hospital and whilst still under the care of the consultant.

Activity Level

30 adult transplants.

LIVER TRANSPLANTATION

Edinburgh Royal Infirmary

Definition of Service

The service is to be provided for patients aged 15 and over who are generally accepted as clinically suitable for liver transplantation.

The entry point to the service is when the patient is accepted for assessment for entry into the liver transplantation programme. The expected ratio of assessments to transplants will be of the order of 3:1.

The exit points are where, after assessment:

The decision is taken that the patient is not to be included in the transplant programme for whatever reason - this includes where the decision is taken to manage the patient medically or to carry out an alternative surgical procedure.

The decision is taken to include the patient in the transplant programme but the patient is sent home or returned to the referring hospital service to await recall for transplantation service.

When transplantation has been completed and the patient sent home or returned to the referring hospital/service.

Aspects of treatments associated with monitoring the functioning of the transplant, immuno-suppressive agents and other drug treatments specific to the transplant procedure and prescribed by the liver transplantation service for use as in-patient or out-patient will be included in costings attributable to the liver transplantation service

The service will include:

- an initial assessment normally of 5 to 7 days within the liver transplant unit;

- arrangements for the transfer of emergency referrals to the service with facilities for ventilation and monitoring as required;
- registration with the UK Transplant Services Support Authority (UKTSSA) as a potential organ recipient;
- a transplant coordinator;
- provision of medical and support staff to form an organ retrieval team to travel when required to remove donor livers. The unit will arrange, using UKTSSA services where appropriate, transport for donor organs and from the donor hospital to the unit;
- provision of operating facilities for the transplant operation;
- provision for post operative care of transplant patients in intensive care beds;
- provision of appropriately equipped and staffed high dependency beds within the ward area;
- provision of renal dialysis to transplant patients where required;
- provision of appropriate specialist laboratory and pathology services required for monitoring and control of potential rejection of transplanted organs. This to include facilities for biopsy and examination by specialist pathology staff;
- provision as general support services for all stages of the transplant surgery process of radiology/imaging, haematology, blood transfusion, microbiology, biochemistry, pathology, physiotherapy, pharmacy and dietetics services;
- provision of cardiology, respirology, neurology and psychiatry services as required;
- provision of emergency accommodation for a friend or relative of patients referred from outwith Edinburgh area within the ITU or Liver Transplant Unit;
- the service will be accessible 24 hours a day, 365 days a year;

Activity Level

10 adult transplants in first 4 months of contract year.

SPINAL INJURY

Southern General Hospital Trust

Definition of Service

The unit with an establishment of 48 beds will, in principle, treat patients over 12 years of age and will provide comprehensive care for around 100 new patients with acute traumatic spinal cord injury each year. The Unit will also provide support for patients suffering from neurological conditions such as transverse myelitis, tumour, infection, vascular infarcts and congenital abnormalities affecting spinal cord. This

support will account for up to 30% of admissions. The Unit will aim to provide the best care and treatment possible within existing resources, including access to a wide range of rehabilitative services. Accident patients with suspected spinal cord injury may initially be assessed at the nearest central accident and emergency unit but transfer to the Scottish National Spinal Injury Unit will be effected at the earliest possible time.

The Unit will have access to facilities for full diagnostic investigation including plain x-ray, CT scan, MRI scan and neurophysiological assessment as appropriate. The Unit will also have available necessary neurosurgical, orthopaedic, urological and general surgical advice and services. A full range of operative techniques for spinal cord lesions will be available together with appropriate nursing techniques to enable the injured spine to be treated both surgically and conservatively.

Patients under the age of 12 years normally will not be admitted to the Unit unless their individual medical requirements can be best served by treatment in this specialised service. The first admission of a child will be at the request of a Consultant Paediatric Physician or Surgeon and with the full agreement of parents. Family accommodation will not be provided.

It will be a requirement that the child concerned can communicate freely with those responsible for his or her care and have sufficient understanding to be able to take an active part in the rehabilitation process.

Summary of Services to be Provided

- Co-operation in the efficient retrieval and early admission of acute spinal cord injury (ASCI) patients for specialised care.
- Accurate and rapid diagnosis of the spinal lesion using modern diagnostic aids.
- Specialist management in the acute phase with the aim of optimising recovery and minimising complications.
- Specialist management of selected non-traumatic spinal lesions through the application of expertise used in the management of acute injuries.
- Physical and mental rehabilitation to enable patients to reach their full potential for independent living.
- Discharge of patients to appropriately modified domestic or residential facilities.
- Retraining to enable patients to pursue an economic career in the general workforce or within a sheltered work setting.
- Provision of after-care which encompasses hospital outreach services and support from charitable or voluntary organisations which have community involvement.
- Provision of self-care teaching programmes for patients, and caring programmes for relatives.

- DNA banking from affected individuals with genetic diseases for use in future diagnoses.

Activity

Western General, Edinburgh

Provides diagnostic DNA analysis for the disorders:

- Alpha 1 Antitrypsin Deficiency
- Choroideraemia
- Cystic Fibrosis
- Dominant Ataxias
- Fragile X Syndrome
- Friedreich's Ataxia
- Huntington Disease
- Retinitis Pigmentosa

Yorkhill NHS Trust

Provides diagnostic DNA analysis for the disorders:

- Cystic Fibrosis
- X-Linked Muscular Dystrophies
- Fragile X-Associated Mental Retardation
- Lesch-Nyhan Syndrome
- Haemophilias A & B
- Acute Intermittent Porphria
- Spinal Muscular Atrophy
- O T C Syndrome

Dundee Teaching Hospital

Provides diagnostic DNA analysis for the disorders:

- Adult Polycystic Kidney Disease
- Hypertrophic Obstructive Cardiomyopathy
- Marfan Syndrome
- Multiple Endocrine Neoplasia
- Neurofibromatosis Types I and II
- Osteogenesis Imperfecta
- Retinoblastoma
- Wilson's Disease

Aberdeen Royal Hospitals NHS Trust

Provides diagnostic DNA analysis for the disorders:

- Antithrombin III Deficiency
- Familial Adenomatous Polyposis
- Cystic Fibrosis
- Fragile X Syndrome
- Huntington Disease
- Hereditary Motor and Sensory Neuropathies
- Hyperlipidaemias
- Menkes Disease
- Myotonic Dystrophy

REFERENCE LABORATORIES

National and reference laboratory services providing specialised testing which is vital for individual patient care and/or essential for public health purposes particularly the epidemiology and surveillance of communicable disease.

Aberdeen Royal Hospitals NHS Trust:
Campylobacter
E. Coli 0157

Ruchill Hospital, Glasgow:
Legionella
Meningococcus and Pneumococcus

Glasgow Royal Infirmary Unit:
Trace Element Unit

Stobhill Hospital, Glasgow:
Salmonella
Parasitology
Scottish Screening Programme for Inborn Errors of Metabolism

Royal Infirmary of Edinburgh:
Neisseria Gonorrhoeae

City Hospital, Edinburgh:
Mycobacteria

SMALL SCALE NATIONAL SERVICES

Scottish Centre of Technology for the Communication Impaired (SCTCI)
Victoria Infirmary NHS Trust

Definition of Service

The SCTCI aims to further the utilisation of new "Augmentative and Alternative Communication" (AAC) equipment. In particular, it endeavours to assist disabled people, their families and relevant professionals get the most out of this new technology.

The principle aims of SCTCI are:

- To increase the general awareness of the needs of the communication impaired, and to highlight the remedies available to help this population overcome their difficulties.
- To provide a Scotland-wide assessment facility for people who have communication impairments and to make recommendations for suitable systems of communication, arranging follow up where appropriate.

Activity Level

103 patients.

Scottish Poisons Information Service
Royal Infirmary, Edinburgh

Definition of Service

A Poisons Information bureau that:

- provides information to health care staff either by telephone or modem link;
- where necessary refers requests to appropriate centres in England;
- updates the database through research and review;
- ensures that hardware, software and communications are maintained.

Activity Level

The expected numbers of calls in 1993/94 is 65,000.

Driving Assessment Centre
Edinburgh Priority Services Unit

Definition of Service

To provide an assessment and advisory service for disabled people who wish to drive in collaboration with their Family Doctors and Consultants and other professionals involved with their care.

Activity Level

Approximately 340 patients.

Serum Vitamin D
Stobhill Hospital, Glasgow

Definition of Service

To provide a Serum Vitamin D Measurement Service relevant to the management of individual patients with vitamin D related problems or groups susceptible to deficiency.

Activity Level

1,492 assays.

Clinical Chemistry Quality Control
Victoria Infirmary NHS Trust

Definition of Service

To supply bulk internal quality control material for use in the Scottish Clinical Chemistry Laboratories.

The project combines work at the Victoria Infirmary and at the Scottish Antibody Production Unit (SAPU) at Law Hospital. On an annual basis, it provides the following:

- 350 litres of bovine serum for internal quality control of assays. This material has values assigned by the biochemistry analytical methods currently in use in the Scottish laboratories.

- Human serum for external quality control assessment of immunoglobulin assays for the Scottish laboratories.
- Human and Equine serum for external quality assessment of selected drugs for the Scottish laboratories.
- Preparation of materials for standardisation of assays.
- Provision of advice to the laboratories on quality control matters.

Cervical Cytology EQA Scheme
Aberdeen Royal Hospital NHS Trust

Definition of Service

To organise the External Quality Assessment (EQA) scheme to assess the performance of individuals carrying out Cervical Cytology tests in 18 cytology laboratories in Scotland.

Photobiology
Dundee Teaching Hospitals NHS Trust

Definition of Service

A diagnostic and management advice service. Patients with suspected photo-sensitivity disorders are assessed with monochromator phototesting over a 3 day period.

The service also provides:

- Clinical development activity to increase understanding of the nature and management of specific disorders.
- The dissemination of information through publications, national meetings and communication with dermatologists.
- Advice in selection of phototherapy and photochemotherapy equipment and methodology to clinicians.

Activity Level

230 referrals.

Hydatidiform Mole and AFP Services
Dundee Teaching Hospitals NHS Trust

Definition of Service

The funding provided under this contract is for the delivery of 2 different services:

- Hydatidiform Mole Service. The centralised registration and laboratory follow-up of women who have been treated in Scottish hospitals for hydatidiform molar pregnancies, to ensure that disease recurrence, or the onset of choriocarcinoma, is detected and reported to their attending obstetrician and general practitioner at an early stage.

- AFP Service. The development and routine supply of immunodiagnostic reagents for use in the programme outlined above and programmes for the antenatal detection of neural tube defects. This work is carried out in collaboration with the Scottish Antibody Production Unit (SAPU).

Activity Level

Up to 100 treatments for Hydatidiform Mole and 100,000 assays for AFP.

National Scottish Sleep Laboratory
Royal Infirmary Edinburgh

Definition of Service

The primary objective of the Scottish National Sleep Laboratory is to provide a service for the clinical assessment, diagnosis and management of patients with day time sleepiness or other features of the sleep apnoea/hypopnoea syndrome. The service will provide follow up of patients when requested by the referring physician.

This will include the co-ordination of the provision of CPAP units throughout Scotland, in conjunction with CSA.

A secondary service is that of the investigation and management of patients with nocturnal hypoxaemia and hypercapnia due to nocturnal hypo-ventilation. Although these patients do not have the sleep apnoea/hypopnoea syndrome their investigation and management is closely analogous.

Activity Level

The indicative activity level for the contract year is:

New Patients	160
Night Sleep Studies	280
All Day Studies	70

Ophthalmic Oncology
Western Infirmary, Glasgow

Definition of Service

The unit will provide a comprehensive and integrated service for the assessment and treatment of malignant intraocular tumours.

This will include surgery, conservative treatment techniques and radiotherapy as appropriate.

Activity Level

80 referrals.