

The New Beatson West of Scotland Cancer Centre



A new era in cancer care

A shining new era in non-surgical cancer care began in 2007 with the opening of the new Beatson West of Scotland Cancer Centre in Glasgow.

The £105million Beatson is one of the most innovative and modern cancer centres in the world, rivalling Europe's top cancer hospitals in terms of facilities and design.

Cutting edge equipment combined with the latest treatments and outstanding modern surroundings provide patients with the very best of care.

And completing this world-class package is the fact that the Beatson is staffed by some

of the most skilled and dedicated healthcare professionals in the country.

A final, but key, element of the new building is the use of colour, shapes, light and furnishings throughout to create a calm and healing environment for patients to aid their recovery. This, combined with special features such as the landscaped gardens, has created a relaxing and therapeutic environment unrivalled anywhere else.





The patient environment

The new Beatson was built with the patient in mind and nowhere is that more noticeable than within the very design of the building itself.

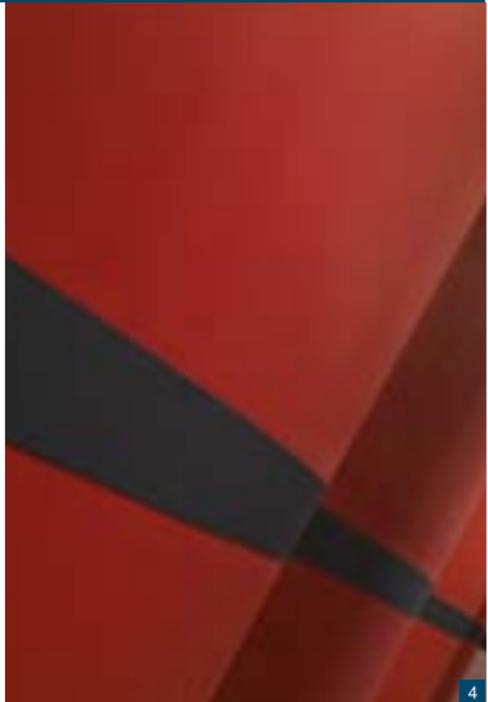
The Beatson has three floors of bright, spacious and relaxing inpatient wards with views of gardens. In these wards all the patient rooms have en-suite facilities and there are six overnight rooms with en-suites for relatives.

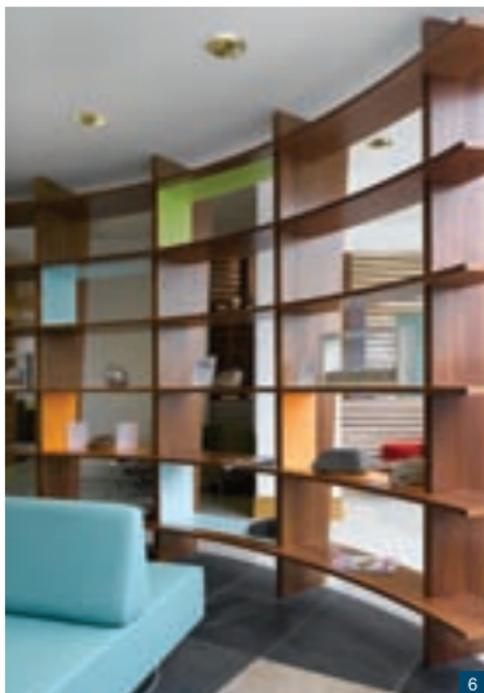
Other features include a patient and family information zone with access to computers and the internet, a cinema and a multi-faith quiet reflection/sanctuary room.

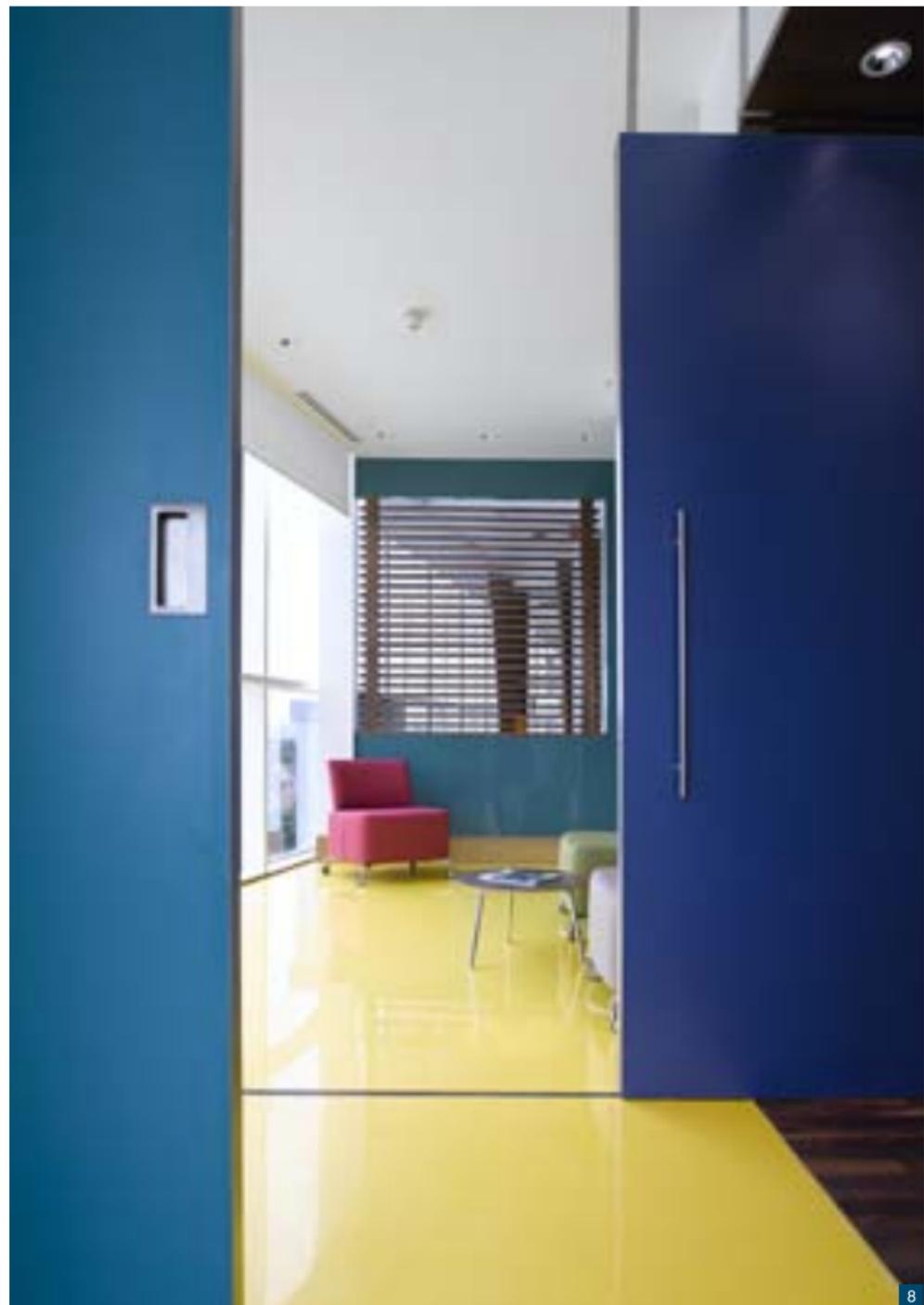
Patients also have access to aromatherapy, massage, a hairdresser and beautician.

And there is a café, providing a wide range of snacks and refreshments for visitors, patients and staff.

The décor of the building has been created specifically to make the new Beatson feel more welcoming and pleasant for both patients and staff.











The latest technology

Such fantastic facilities are only half of the story...the new Beatson would not be the extraordinary place it is without the unprecedented amount of state-of-the-art technology installed throughout. An unrivalled package of brand new equipment, worth millions of pounds, has been installed, including:

- Imaged guided radiotherapy (IGRT) equipment on three linear accelerators (radiotherapy treatment machines) that can treat tumours with more accuracy and safety than ever before;
- The very first PET-CT scanner in the West of Scotland, which can better diagnose tumours;
- A new MRI scanner (with another to follow as part of a replacement programme);
- 11 radiotherapy linear accelerators;
- Intensity modulated radiotherapy (IMRT) for the treatment of (initially) prostate cancer and (soon) head and neck and other cancers;
- Three CT simulators and one Acuity™ simulator
- Three special radiation machines (brachytherapy) for treating, for example, cancers of the cervix or prostate;
- Stereotactic radiosurgery for the treatment of brain tumours.

In addition, the new Beatson is home to a greatly expanded clinical trial and research unit, which will allow even more vital cancer research to be carried out.



A magnificent team

The new Beatson is all about people and, in addition to the world-class facilities the centre provides, it is staffed by a range of highly-skilled and hugely respected cancer staff.

In 2000, the Beatson faced a serious staffing problem, but since then a huge amount of work has been carried out to attract specialist staff from all over the world and to retain our valued existing staff and Scottish healthcare graduates.

As a result of a massive recruitment campaign, the majority of our hard-to-fill posts have been

filled. We have also been able to attract many specialist oncology (cancer) nursing staff.

On top of this, the Beatson has also been able to recruit and retain therapy radiography graduates, oncology pharmacists and physicists and medical technical officers.

Many of our own Specialist Registrars (doctors) are also staying with the Beatson as they develop their careers as cancer consultants of the future.

We are proud of our staff who are some of the very best in the world.





Our Charitable Partners

The Beatson has also benefited from generous donations by several charitable organisations. Without their financial gifts, many of the facilities and extra features would not have been possible.

Macmillan Cancer Relief funded the art coordinator, Jane Kelly, to create the décor and commission artwork for the building. The charity has also donated more than £1.1million to enhance the day chemotherapy unit and other areas in the centre.

Other donations include funding from the Teenage Cancer Trust to create a special Teen Cancer Unit for younger cancer patients and, thanks to the Friends of the Beatson, the centre also has a new £800,000

complementary therapy centre offering inpatients a range of therapies.

Trades House of Glasgow donated £57,000 for the Visitor Garden in one of the courtyards and the Robertson Trust donated £400,000 for IGRT equipment.

Other charities involved with the Beatson include: Cancer Research UK, which has significantly funded the staff of the Clinical Research Unit and Clinical Trials Unit within the Beatson; and the Shaw Melanoma Charitable Trust, which has funded the employment of a melanoma (skin cancer) researcher and the Beatson's first Melanoma Clinical Nurse Specialist.

The Beatson History

1. The first Cancer Hospital 1886
2. Hill Street Hospital, Garnethill 1890's
3. Belvidere Hospital
4. Glasgow Cancer Hospital Lab
5. Ward in Glasgow Royal Cancer Hospital 1920's
6. Early x-ray equipment in operation*
7. Sketch of George Beatson
8. George Beatson and the Duke & Duchess of Argyll 1912
- 9-10 Glasgow Cancer labs from the 1970's
11. View of the Old Beatson at the Western from Yorkhill
12. Entrance to the Old Beatson
13. Exterior view of Old Beatson cancer wards
14. Cancer ward from Old Beatson

The New Beatson

1. View from patient courtyard
2. "Toblerone" skylight
3. Detail from Teenage Cancer Trust Unit
4. "Raspberry Ripple" Wall
- 5-8. Friends of the Beatson areas
9. Teenage Cancer Trust Unit
10. Ward from Teenage Cancer Trust Unit
11. Linear Accelerator
12. Professor Alan Rodger and some of his staff
13. The new Beatson exterior

The Beatson History

150 years of care and treatment



History of Cancer Care in Glasgow

The treatment of cancer has a long and proud history in Glasgow.

Over the last two centuries, the Beatson and its forebears have been responsible for many international advances and innovations in the treatment of cancer, including pioneering palliative (pain management) care.

The then Glasgow Cancer Hospital was the first cancer hospital to be established in Scotland and was pioneering in its establishment of a domiciliary nursing service to care for patients in their own home and a cancer research department.

Research carried out by the department included looking at the causes of cancer and carrying out trials into possible treatments of the disease, including the first oophorectomy (removal of one or both ovaries) operation to be carried out in the world by Sir George Beatson in women suffering from breast cancer.

The research department still exists today and is based at Garscube. It is now known as The Beatson Institute of Cancer Research and is funded by Cancer Research UK.



1



2



3



4



5

The History of the Beatson

The first cancer hospital, the Glasgow Cancer and Skin Institution, opened its doors in St Vincent Street, Glasgow in 1886.

In 1890, following a charitable appeal, the Institution moved to a ten-bed hospital in Hill Street, Garnethill. Under the directorship of Dr Hugh Murray, the hospital continued to care for cancer and skin patients until 1893 when it became a hospital for cancer patients only.

Dr George Beatson (later Sir George Beatson) became Director that same year and in 1894 oversaw the creation of Scotland's first cancer hospital, the Glasgow Cancer Hospital, in West

Graham Street and a pioneering domiciliary nursing service.

Another public appeal in 1896 enabled the hospital to relocate to larger premises in Hill Street and, in the following decades, the building was enlarged and a research department established in 1912 when it became known as the Glasgow Royal Cancer Hospital.

In 1948, the name of the hospital was changed to the Royal Beatson Memorial Hospital. The Beatson then moved to the Western Infirmary site in the 1980s and to its new home on the Gartnavel Hospitals site in 2007.







George Beatson

Sir George Beatson was born in Ceylon (Sri Lanka) in 1848, the son of George Stewart Beatson, Honorary Physician to Queen Victoria and Surgeon General to the Indian Army.

He spent part of his boyhood in Cambeltown and was educated at King William's College on the Isle of Man and at Clare College, Cambridge. He trained in medicine at Edinburgh University.

His association with Glasgow began in 1878 when he joined the 1st Lanark Artillery. Twelve years later, he took charge of the Glasgow Companies of the Volunteer Medical Corps.

In 1893, he joined the staff of the Glasgow Cancer Hospital, becoming its Director in 1894.

In 1908, he was appointed Principal Medical Officer of both the Lowland Division of the Scottish Territorial Force and held positions of Lieutenant Colonel and Hon. Colonel of the Army Medical Corps (Volunteer). He was honoured with a Knight Commander of the Order of Bath (KCB) the same year.

Sir George is also remembered for his work in the creation of the Scottish branch of the British Red Cross Society and the St Andrew's Ambulance Association.





