



THE BIGGEST EVER COMMITMENT TO PRIMARY BONE CANCER

Our Strategy 2017 - 2022



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INTRODUCTION

The Bone Cancer Research Trust is the leading charity dedicated to saving lives and fighting primary bone cancer. We are uniquely placed to make a difference through research. For those affected by the disease right now, our supportive network and top-quality information mean no-one should have to feel alone or isolated.

Since our inception in 2006 we have made significant progress in the fight against this brutal disease; from developing new pioneering treatment methods to the creation of new training tools to aid earlier diagnosis.

SOME OF OUR ACHIEVEMENTS...

£3.9 MILLION
SPENT FIGHTING
PRIMARY BONE
CANCER OVERALL

£3.2 MILLION
SPENT DIRECTLY
ON RESEARCH

88
RESEARCHERS
SUPPORTED &
56
PROJECTS
FUNDED

DEVELOPED
THE FIRST
EVER PRIMARY
BONE CANCER
**E-LEARNING
MODULE**
FOR GPs

THE ONLY
CHARITY TO
DEVELOP AND
OFFER **PATIENT
CENTRIC**
INFORMATION
COVERING ALL
FORMS OF
PRIMARY BONE
CANCER

DEVELOPMENT OF
NEW DIAGNOSTIC
AND MONITORING
METHODS THROUGH
BLOOD TESTS FOR
**OSTEOSARCOMA &
CHONDROSARCOMA**

SUCCESSFULLY
CAMPAIGNED TO
HAVE **MEPACT**
APPROVED AS
A NEW DRUG
TREATMENT FOR
OSTEOSARCOMA
IN THE UK

DEVELOPMENT
OF **'SONIC KICK'**
RESEARCH TO
DESTROY BONE
CANCER CELLS
AND LEAVE
HEALTHY CELLS
UNDAMAGED

CREATION
OF A **3D** BONE
MODEL FOR
MORE ACCURATE
RESEARCH AND
DRUG TESTING

DEVELOPED
**PROTON BEAM
THERAPY** TO
TREAT PRIMARY
BONE CANCER



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THE CURRENT PICTURE



Every 10 minutes another child, teenager or adult is diagnosed with primary bone cancer somewhere in the world



At least **1 more child, teenager or adult** will be diagnosed with primary bone cancer every day in the United Kingdom



Primary bone cancer makes up approximately **0.2% of all cancer diagnoses** in the United Kingdom



Primary bone cancer makes up **4%** of all childhood cancers in the United Kingdom



The five year survival rate for primary bone cancer in the United Kingdom is between **53% - 55%**



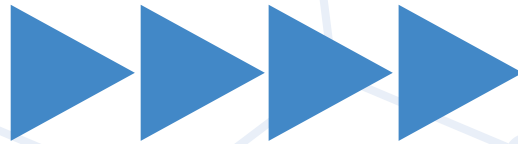
In recent years there have been significant advances in the understanding and treatments of more common cancers, but through a lack of research there have been no significant improvements to primary bone cancer survival rates for nearly **30 years**



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LOOKING TO THE FUTURE



Our ultimate ambition is to find a cure for this cruel disease and in order to help us get there we are embarking on a new direction of travel from 2017 to 2022. *The Biggest Ever Commitment To Primary Bone Cancer* outlines this new journey and provides our charity with a clear framework that will help us save lives and come closer to a cure during this period.

OUR COMMITMENT TO REVIEWING PROGRESS

Our strategic objectives will form the foundation of our plans for each year until 2022. We will update and inform on our progress made against each objective through our Annual Review and other regular supporter communications.



OUR VISION

A WORLD WHERE
PRIMARY BONE
CANCER IS CURED

OUR MISSION

TO SAVE LIVES AND IMPROVE
OUTCOMES FOR PEOPLE AFFECTED
BY PRIMARY BONE CANCER



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- **PIONEERING**

WE LEAD THE WAY,
WE LEAVE NO STONE
UNTURNUED, WE ARE
PREPARED TO
TAKE RISKS.

- **DYNAMIC**

WE DON'T STAND
STILL, WE INNOVATE,
WE CELEBRATE
EVERY SUCCESS.

- **SUPPORTIVE**

WE LISTEN,
WE UNDERSTAND,
WE CARE.

- **KNOWLEDGEABLE**

WE KNOW OUR
STUFF, WE ARE EAGER
TO KNOW MORE.

- **TRUSTWORTHY**

WE DO WHAT WE SAY.

OUR VALUES



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OUR STRATEGIC FOUNDATIONS

Our strategic foundations are at the heart of our future planning and ambitions.

RESEARCH

To be the leading catalyst for pioneering research that saves lives and improves outcomes for people with primary bone cancer.

INFORMATION

To be the trusted source of information for people affected by primary bone cancer and the healthcare professionals who work with them.

AWARENESS

To be the voice of the primary bone cancer community; raising awareness amongst the public, healthcare professionals, researchers and policy makers.

SUPPORT

To be a supportive network for people affected; bringing people together, sharing stories that inspire hope, and signposting people to specialist support.



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OUR OBJECTIVES

1 RESEARCH

2 INFORMATION

3 AWARENESS

4 SUPPORT



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Our Strategy 2017 - 2022

1 RESEARCH

By 2022 we will have made significant progress in getting closer to a cure for primary bone cancer and more patients will be surviving the disease as a direct result of research.

Research is key to saving lives and ultimately, one day curing primary bone cancer. To date researchers have not had the necessary funding and career pathways in place to enable research or for specialism in the field of primary bone cancer. It is crucial that we support research now whilst also engaging and encouraging the next generation of researchers in this field.

MAKING IT HAPPEN

WE WILL COMMIT OVER
£2.8 MILLION
TO PIONEERING RESEARCH THROUGH AN
INNOVATIVE NEW GRANT PROGRAMME

£2.8million



We will support research at all levels, from initial idea through to clinical trial

We will deliver the next generation of world class, primary bone cancer researchers

We will support UK surgical centres to enable all primary bone cancer patients to contribute tissue samples for use in research

OUR NEW GRANT PROGRAMME

GRANT TYPE / YEAR	2017	2018	2019	2020	2021	2022
CLINICAL / TRANSLATIONAL	✓					
EARLY CAREER FELLOWSHIP						✓
PHD STUDENTSHIP		✓		✓		
INFRASTRUCTURE GRANTS	✓	✓	✓	✓	✓	
EXPLORER 1	✓	✓	✓	✓	✓	✓
EXPLORER 2	✓				✓	
IDEAS 1	✓	✓	✓	✓	✓	✓
IDEAS 2	✓					
OTHER RESEARCH INVESTMENT	✓	✓	✓	✓	✓	✓

Calls for grant applications will be announced 18 months in advance of the funding schedule. Additional grants may be added to the programme should funding become available.



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RESEARCH



GRANT DESCRIPTIONS

CLINICAL / TRANSLATIONAL

These grants are aimed at research that is at the required point of development to be progressed from laboratory to patient.

EARLY CAREERS FELLOWSHIP

Grants to develop a researcher into a principle investigator to run their own group and develop their own research interests.

PHD STUDENTSHIPS

Grants to develop a degree graduate into a specialist primary bone cancer researcher.

INFRASTRUCTURE

Small grants for surgical centres to facilitate sample collection and to support the numerous research projects reliant on these samples.

EXPLORER

These larger grants allow researchers to undertake a more substantial project or theme of research.

IDEA

Small grants to support pilot or proof of principle pieces of research, which would normally not get funded. These grants are intended to catalyse larger grants to continue the work.



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2 INFORMATION

Every newly diagnosed patient will have access to accurate and reliable information across all forms of primary bone cancer.

Until 2016, information was not available for patients facing a number of forms of primary bone cancer. The Bone Cancer Research Trust is the only organisation to have developed freely available information for all forms of primary bone cancer and primary bone tumour. Despite this information now being available it is imperative that it reaches patients when they need it and that it is suitable for patients of all ages. It is also vital that equivalent information is available for the wider primary bone cancer community to improve patient care and experience.

MAKING IT HAPPEN

We will develop a Patient / Parent Pack to offer comprehensive information to all patients on their specific primary bone cancer or tumour type

We will expand our existing portfolio of information for patients of all ages

We will expand our basic information to ensure patients in other countries have access to relevant information

We will ensure that information is available for the clinical and medical community

We will develop information for carers and families of patients with primary bone cancer

We will accurately signpost relevant information that falls outside our remit

3 AWARENESS

We will save more lives and increase survival rates through raising awareness of primary bone cancer amongst the public, healthcare professionals, researchers and policy makers.

Awareness is key to saving lives. Currently too many patients are receiving late diagnoses - worsening their outcome and chances of survival. Early detection and diagnosis is key, however, currently the tools are not readily available for all who may spot the 'red flag' symptoms of the disease.

MAKING IT HAPPEN

We will ensure all GPs in the UK have access to the training and tools they need to identify and diagnose primary bone cancer

We will develop tools to allow radiographers, physiotherapists and other medical professionals to identify the symptoms of primary bone cancer

We will continue to fund and develop training options for medical students in the field of primary bone cancer

We will increase national and where possible, international public awareness of primary bone cancer and the Bone Cancer Research Trust



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AWARENESS

4 SUPPORT

We will improve the access to primary bone cancer support for all patients, family members, carers and friends when and how they need it.

It is essential that support is available for patients and their families prior to, during and after treatment. Primary bone cancer patients are often left with long-term emotional difficulties, including low self-esteem, anxiety about the cancer returning and social and psychological impairments.

MAKING IT HAPPEN

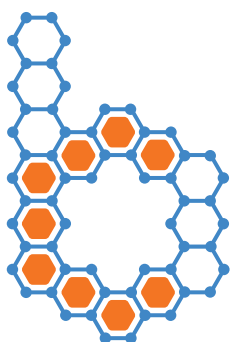
We will provide a listening ear service that allows current patients or family members to talk with someone that has been through a similar experience

We will develop digital 'community' support groups

We will deliver an annual conference aimed at uniting and supporting our community

We will actively promote the sharing of patient stories and experiences

We will ensure robust signposting to other support groups and charities where we cannot provide assistance



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 www.bcart.org.uk

 @BCRT

 /BoneCancerResearchTrust

 0113 258 5934

Charitable Incorporated Organisation
(CIO) Number - 1159590

Also available

LIVING WITH, AND BEYOND, PRIMARY BONE CANCER.

Please contact us to request your
free copy or visit our website for a
printable / downloadable version.

