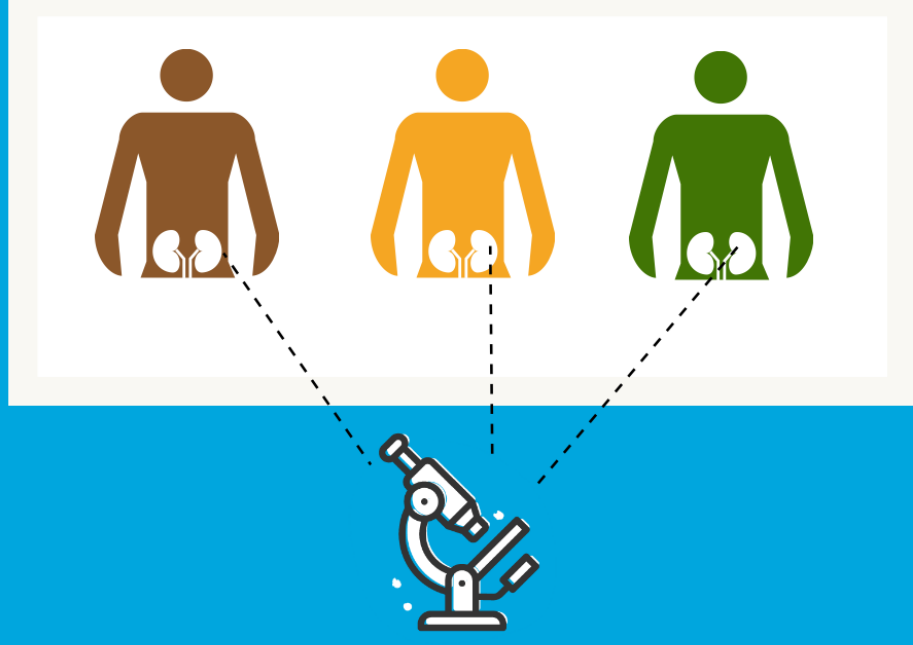


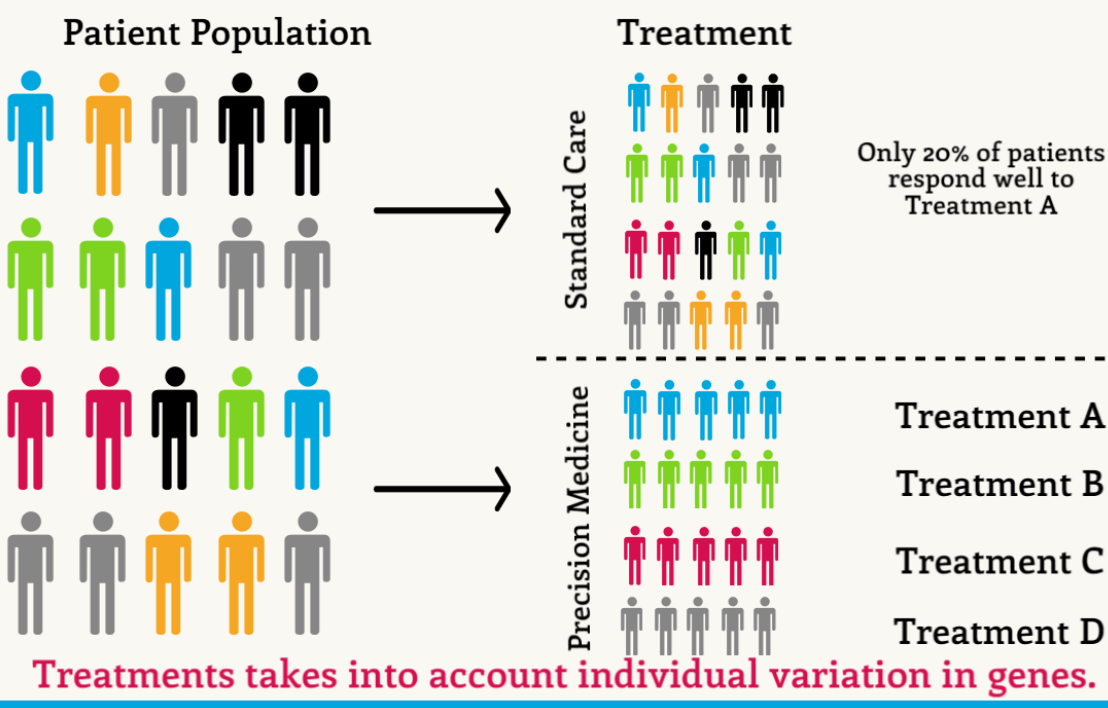
CURRENT TREATMENT FOR CHILDHOOD CANCER

Standard care involves prescribing treatment based on the location of the cancer.



PRECISION MEDICINE

Precision medicine involves providing personalised treatment based on patients' genetic information.



BENEFITS OF PRECISION MEDICINE

- Improved treatments for high-risk cancers with extremely poor survival rates
- Reduction in the impact that aggressive, toxic treatments have on young children
- Better understanding of the genetic causes of cancer in children and young people
- The integration of advanced genetic technologies directly into clinical practice

SO WHY NOW?



The cost of gene sequencing has plummeted



Precision medicine using genomic data is available in the USA and some parts of Europe



Our understanding of the genetic factors in cancer has grown



Survival has improved but has now plateaued

WHAT WE ARE FUNDING

£1.5m

Collaboratively working with various researchers from across the UK



TO DO

1. TISSUE COLLECTION
2. GENETIC ANALYSIS
3. MOLECULAR DIAGNOSIS

IN THE FUTURE

Transition to the NHS



Even more increased tissue banking for researchers



More clinical trials for next generation of treatments



More understanding of causation

