# CHILDHOOD CANCERS



## . THE GLOBAL BURDEN 2020-2050



Estimations based on current levels of health system performance (incl. access & referral)

## **GLOBAL CANCER CASES**

Highly trained personnel and access to technology is required for diagnosis. Cancer symptoms can mimic more prevalent infectious and nutritional conditions leading to late diagnosis or none at all.<sup>2</sup>

7.6million



6.1 million

13.7million

\*most undocumented cases occur in less developed regions.3

## **GLOBAL CANCER DEATHS**

without investing in additional personnel and technology

**INCOME COUNTRIES** 

1.8 million 9.3 million **LOW AND MIDDLE** INCOME COUNTRIES 84%



11.1million

#### 2. THE ROLE OF RADIOTHERAPY



IN COMBINATION WITH SURGERY AND/OR CHEMOTHERAPY 4

- CENTRAL NERVOUS **SYSTEM TUMOURS**
- RETINOBLASTOMA
- LEUKAEMIAS
- LYMPHOMAS
- WILMS' TUMOUR
- NEUROBLASTOMA
- SOFT-TISSUE SARCOMAS
- BONE SARCOMAS
- HEAD AND NECK **CARCINOMAS**

LOW & MIDDLE COUNTRIES HAVE ACCESS TO ONLY 37%

OF THE **WORLD'S** RADIOTHERAPY **RESOURCES**<sup>®</sup>

### 3. INVESTMENT IMPACT

**SOCIO-ECONOMIC BENEFITS** FROM INVESTING TO REDUCE CHILDHOOD CANCER DEATHS

**GLOBALLY** 



\* The average economic value of a person's contribution to a country's GDP with the additional years of life following radiotherapy treatment



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