



IMPACT REPORT 2020

INTRODUCTION

There are 2 billion children that can't access surgery worldwide. In fact, more children die from surgically curable conditions than HIV, Malaria and TB combined.

It's hard to believe, but there are still 12 countries across the continent of Africa that don't have a single paediatric surgeon. Simply put, tens of millions of children are dying every year from surgically curable conditions.

For the last 50 years, donor nations and philanthropists have been fascinated with primary healthcare and vertical interventions. Chronic dependency on international support has been created and little has been done to strengthen health systems, especially secondary acute health care.

The Covid-19 pandemic has had a devastating impact throughout the last year, but I am proud how Kids Operating

Room continued our work to shift the international approach to global surgery. This report summarises our impact and progress during 2020.

In response to the pandemic, we donated 10 intensive care beds and associated patient monitors to the NHS, and abroad supplied more equipment to our partner hospitals and 25,000 high quality face masks to keep surgeons safe.

Our advocacy work to make children's surgery a global healthcare priority continued. High profile speeches were made at the Global Initiative for Children's surgery in Johannesburg in January, and the World Economic Forum in Davos later that month. Myself and

my Co-Founder, wife Nicola, announced with UNHCR that we would create the world's first ever dedicated Operating Room for children in a refugee setting. Kenya's Kakuma camp will see this first Kids Operating Room installed during Spring 2021.

During the year we launched our flagship Africa 2030 strategy. Under this ambitious strategy we will install 120 new Operating Rooms across 40 countries, train 120 paediatric surgeons and 120 anaesthesia providers. This will provide essential surgical care for at least 635,000 children by 2030. A review of children's surgery in Latin America was undertaken during 2020 and we are excited to now progress the

development of a strategy for the region. Nicola and I firmly believe that access to surgery is a basic human right and that every child should have access to safe surgery. Our own children have required surgical intervention, so we know of the pain and anguish on not just the child, but the parents and families.

We're both incredibly proud with what KidsOR has achieved in the last three years, helping to ensure that children have the opportunity not just 'to life' but also 'in life'.

Garreth Wood, Chair



\$1.071 BILLION

ECONOMIC BENEFIT TO END OF 2020*

YEARS OF
DISABILITY
PREVENTED*



509,238



55

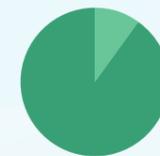
TYPES OF
SURGICAL
PROCEDURES



£4,471,000
TOTAL INCOME

OPERATIONS PROVIDED

29,780



90% of Kids OR operations had a surgical trainee present



59% of KidsOR operations were emergency surgeries

“By saving lives and preventing life-long disabilities, we’re giving children the chance to grow up and have a future to look forward to.”

— NICOLA WOOD

*Estimated figure



CASE STUDY

LIFE-SAVING SURGERY

We exist to give talented surgeons the equipment and environment they need to operate on children, like newborn Ronald from Uganda.

Ronald was born 50 miles away from Uganda's capital city of Kampala. He was born with a blockage in his intestines, meaning he wasn't able to feed properly. Without an operation to remove the blockage he would have continued to lose weight and would have died.

Ronald's mother took him to a hospital near to their home but they were not able to treat him because they did not have any surgical tools for operating on babies. They then travelled to Mulagao National Referral and Teaching hospital in Kampala where Dr Nasser Kakembo is one of only four paediatric surgeons in

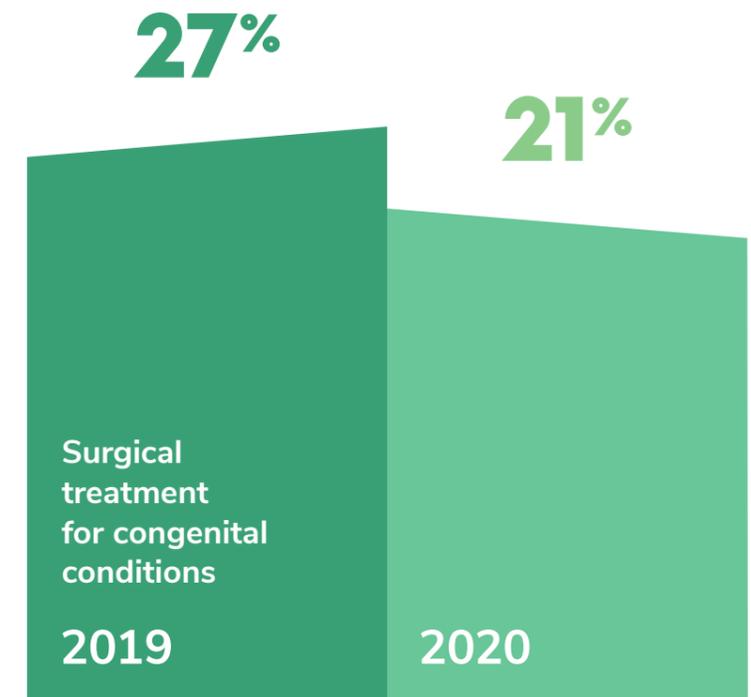
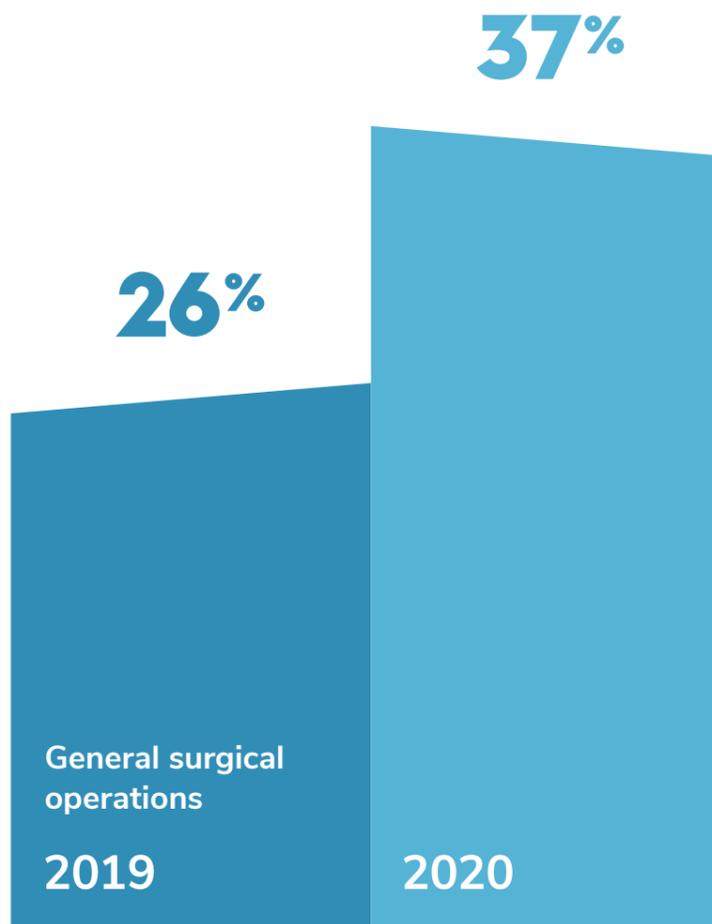
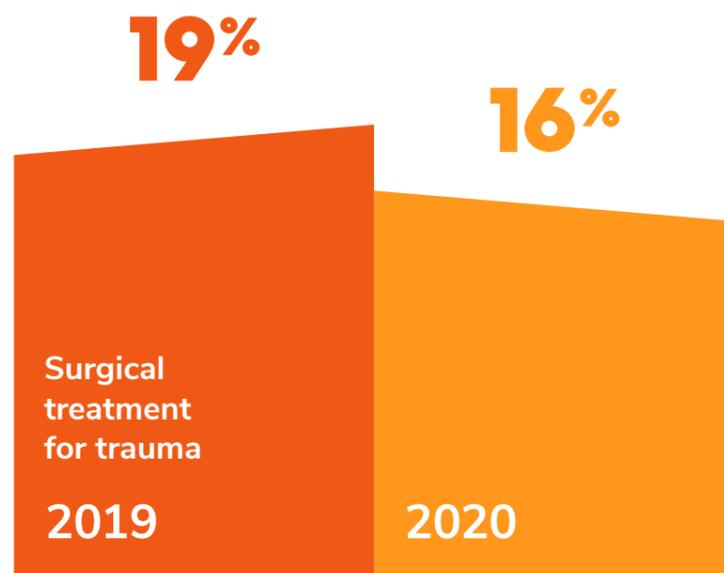
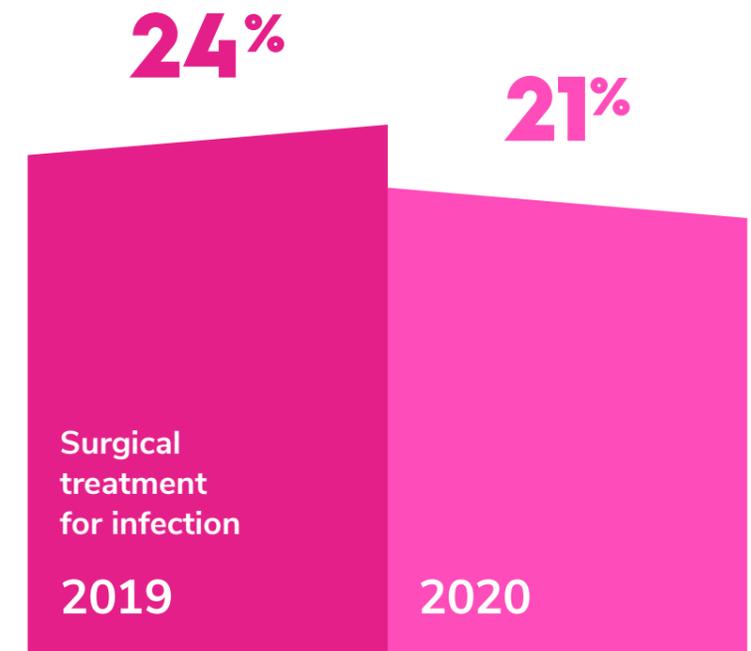
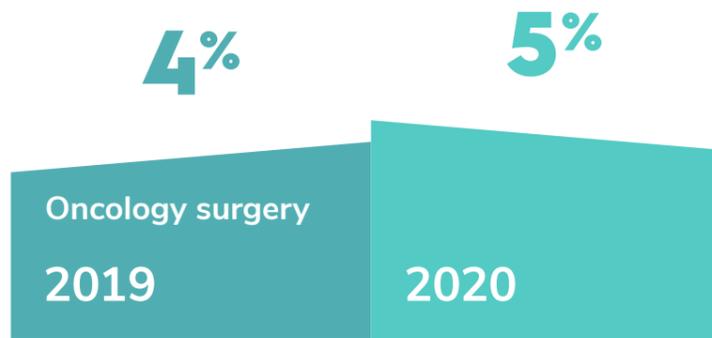
Uganda looking after a population of 20 million children.

Kids Operating Room installed three new Operating Rooms in Dr Kakembo's hospital in December 2019. Dr Kakembo operated on baby Ronald and was able to remove the blockage. He was able to use surgical instruments designed for new born babies which were provided by KidsOR.

These, combined with his skill, meant a successful operation for Ronald. Ronald was able to leave hospital after a few days, feeding properly and his mother hugely relieved that her baby is ok.

Paediatric Operations performed in Kids Operating Rooms

During 2020, children accessed surgery in KidsOR settings for over 80 different conditions, with the most common being appendicitis, trauma, burns, and hernias. During the COVID pandemic, 18% more emergency surgical operations were done in KidsORs than elective operations. Whereas, in 2019, there were 20% fewer emergency operations than elective surgeries.



PARTNERSHIPS

During 2020 we forged new partnerships to ensure we meet the needs of more children requiring surgery.

Our partnerships span from hospitals, Ministry of Health and surgical societies in countries we work, to universities for our research and monitoring, to large international NGOs and the UN.

In 2020 we announced our partnership with Smile Train, the world's largest cleft charity. With them we will supply 30 children's Operating Rooms across Africa by the end of 2025. In 2021 we will progress the installation of 20 of these state-of-the-art ORs which will provide essential, life-saving surgical care to more than 12,000 children. The first Operating Room installation

is at the Teaching Hospital in Treichville, Cote D'Ivoire, West Africa – a hospital that serves a population of five million people and provides training for surgeons from many other countries in Africa but, as with so many throughout the continent, has no dedicated Operating Room for children.

Professor Bankole Sanni Rouma, a paediatric surgeon at the Teaching Hospital in Treichville, said: "Often in our hospital, we do not have the right equipment to perform paediatric surgery safely. Especially with small children and babies, we cannot use



the large surgical instruments we have available. This means that children with easily treatable surgical conditions do not always receive proper, life-saving care when they need it the most. The new Operating Room for children's surgery will make a big difference to my hospital, and the hundreds of children we can now help, as it will allow surgeons to enhance their skills in caring for children and provide the proper equipment for treatment."

In January 2020, KidsOR announced it will supply, install and equip a paediatric Operating Room in the United Nation Agency for Refugees (UNHCR) Kakuma camp in North West of Kenya. The camp is home to over 190,000 refugees, and around 40,000 of these are children.

The paediatric Operating Room, which is set to open mid-2021, will enable children in the camp to have access to paediatric surgery for the first time and is the first of its kind in a refugee setting anywhere in the world. It will be

situated in the existing hospital in the camp, which is run by the International Rescue Committee (IRC). Garreth Wood said: "This Operating Room will make essential care available to tens of thousands of children."

Paediatric surgeon, KidsOR advisory member and WEF Young Global Leader, Neema Kaseje said: "There is a huge and desperate need for a paediatric surgery facility at this camp, and in many more camps around the world. I am proud that KidsOR have pledged to get children in Kakuma access to the safe surgery they so badly need."



"Children who are in refugee camps are no less deserving of the surgery that they need." – GARRETH WOOD



LOOKING AHEAD

2021 is set to be our busiest and most exciting yet as we continue to grow our reach and impact.

In 2021, working in partnership with many partners including Ministries of Health, hospitals and surgical teams, we will install at least 26 Operating Rooms across 13 countries in Africa.

During 2020, over 90% of all operations carried out in our KidsORs had a surgical trainee present, helping to train future surgeons with the correct paediatric tools and equipment.

Our surgical training programme will continue to grow, with us supporting 20 doctors to train to become paediatric surgeons. We will launch the first comprehensive paediatric surgery e-learning platform to be created by African surgeons. It will enable trainees to interact with the continent's leading surgeons in different fields to supplement their own training – helping drive up quality and the skill sets of new graduates.

After undertaking research into paediatric surgery in Latin America during 2020, we will develop a strategy to expand our reach and impact for children in the region. Our route map in Latin America will take a country-specific focus.

Recognising the inequitable access to healthcare across the region, and how this impacts on the indigenous populations in particular, we will focus our efforts to build lasting partnerships that bring much-needed care to the most disadvantaged children.

We will amplify our voice as the leading advocates for children's surgery. Through an international advocacy campaign, we seek to challenge funding allocation towards paediatric surgery and mobilise a swell of support to make paediatric surgery a global healthcare priority.

David Cunningham, CEO



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