



2020

Achievements & Highlights

29,551 Patients Healed in 2020

335,936 Patients Healed since 1999

10 Programs reporting the most **SIGN Surgeries** in **2020**

- 712** **Cambodia:** Kossamak Hospital
- 481** **Pakistan:** Gilani Hospital Complex
- 347** **Pakistan:** Shahab Orthopaedic Hospital
- 345** **Tanzania:** Dodoma Regional Referral Hospital
- 326** **Tanzania:** Muhimbili Orthopaedic Institute
- 245** **Cambodia:** Friendship Khmer Russian Hospital
- 238** **Ethiopia:** St. Paul Hospital
- 236** **Ethiopia:** Soddo Christian Hospital
- 236** **Kenya:** St. Orsola Hospital Matiri
- 210** **Ghana:** Bawku Presby Hospital



Ayanttu, 12, broke her femur falling from a fruit tree and was disabled for 4 years. She was able to walk again just 1 day after SIGN Surgery.

SIGN 2020

Achievements & Highlights



The SIGN Family Expands

We started 25 SIGN Programs in 2020. Four of the new programs are Traveling Sets, where surgeons take the SIGN Sets to other hospitals in order to care for patients in their home community. In doing so, they teach other surgeons the SIGN Technique and evaluate whether these hospitals should become full SIGN Programs.



Surgeons celebrating receiving their SIGN Set at Meru Teaching and Referral Hospital in Kenya.

SIGN partners with 369 hospitals in 54 low- and middle-income countries.

“Last week we operated on our 1,000th SIGN Patient! Thank you so much for helping me get started with SIGN. There are lots of people walking in Burundi because of you!”

*—Dr. Jason Fader,
Kibuye Hope Hospital,
Burundi*

Digital Transformations

Just like many of you, SIGN Staff had to make significant changes in our daily work due to the global pandemic. Because we are a medical device manufacturer, we were able to keep our production lines open, while most office staff worked from home for much of the year.

Education Pivoted

We were unable to host the annual SIGN Conference but pivoted to online learning through SIGN Trauma Sessions. SIGN and IGOT partnered to host five webinars that featured the research of SIGN Surgeons and international experts. These have reached more than 1,500 surgeons around the world, with more sessions scheduled in 2021.

Virtual Benefit Events

All fundraising events moved online as well, and SIGN Supporters continued to be generous. Your gifts met our fundraising goals, enabling us to continue to provide the surgical instruments and implants needed in operating rooms around the world.



Dr. Bunn, from Cambodia, teaches surgeons from around the world in a SIGN Trauma Session.

Improving Education Resources

Surgical Database

The SIGN IT Department upgraded the SIGN Surgical Database website, which is the backbone of reporting and researching surgical cases. The upgrades made it easier for surgeons to upload photos and case data, made it more efficient to review cases, and makes it easier to research the largest database of long bone fractures in the world.

The Hub

The Hub, SIGN's website for educational resources for surgeons, took on additional importance this year with videos, articles, discussions, and more to provide ongoing learning opportunities for surgeons across the globe. The Program and Education team added interactive elements to training sessions and is preparing on-demand courses to share with surgeons in 2021.

Development Cell

We have taken the opportunity to improve workflow and facilities at SIGN HQ. This created space for a Development Cell, where engineers can research and create prototypes of instruments without interrupting production of implants and instruments.

Dr. Elias (front) and Dr. Hoanga practice entering cases on the redesigned SIGN Surgical Database.

Engineering Advances

Two New Instruments

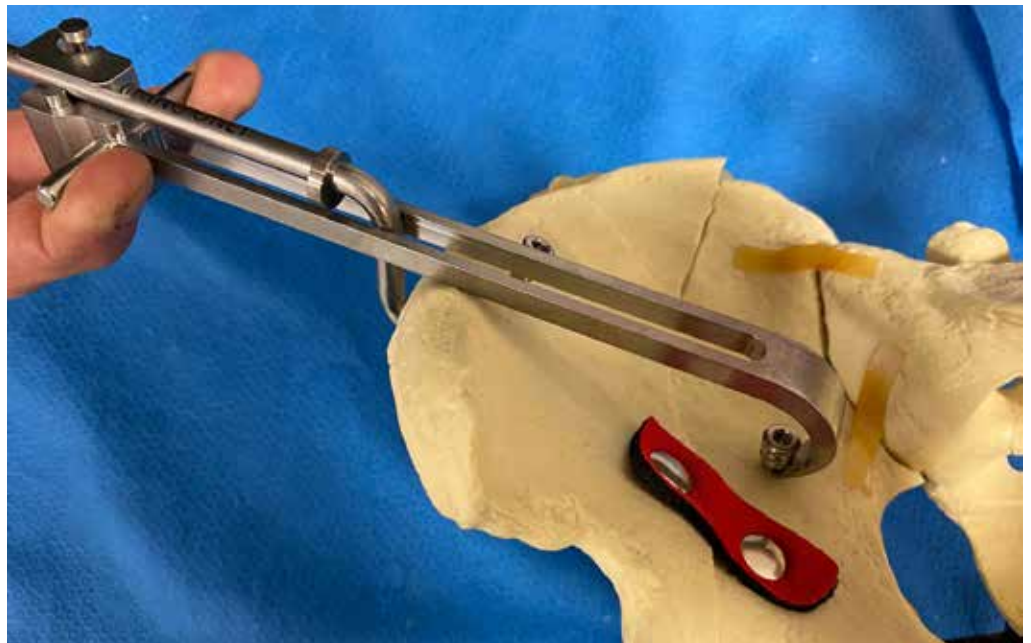
SIGN Engineers have developed two instruments to assist in a variety of orthopaedic surgeries. The Collinear Clamp is intended to help align and hold fractured femurs and pelvises during surgery. The Bone Scoop is a tool used in conjunction with SIGN Reamers to collect bone graft material left in the canal after reaming, which can be packed at the fracture site to speed up the healing process.

Infection Control Studies

Additionally, SIGN Engineers have been researching multiple ways to control wound infections. We are focusing on doing everything possible to provide surgeons with solutions that can make a positive impact in their unique hospital environments.



Bone Scoop



Collinear Clamp

SIGN Goals

With your help, we can provide healing to those who need it most!

SIGN Goals for 2021...

30,000
Patients Healed

25
New SIGN Programs

Contact SIGN

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See SIGN's privacy policy and state disclosures at signfracturecare.org/privacy



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Show a
SIGN of
Love

From Feb 1-14, 2021,
the first \$25,000
donated
will be matched,
doubling your
impact.

