



WFSA

WORLD FEDERATION OF SOCIETIES OF
ANAESTHESIOLOGISTS

IMPACT REPORT

2018/19



WFSA

THE WFSA unites anaesthesiologists around the world to improve patient care and access to safe anaesthesia and perioperative medicine.

OUR ROLE

The WFSA Global Position Statement on Anaesthesiology and Universal Health Coverage highlights the need for WFSA and anaesthesiologist leadership in addressing the human resource crisis in anaesthesia.

NATIONAL SOLUTIONS

As we continue to advocate for the economic and social benefits from a scale-up in surgical services, national governments must commit resources to improve the availability, quality and affordability of anaesthesia and surgery. The WFSA is involved in assessing anaesthesia capacity and in compiling National Surgical, Obstetric and Anaesthesia Plans within countries, which can be integrated into national health policy.

The WFSA has developed the Anaesthesia Facility Assessment Tool (AFAT) in order to help regional and national anaesthesia and health care leadership to gather data about anaesthesia workforce, equipment, medicines and practice at the facility level.

Each year 16.9 million lives are lost from conditions needing surgical care



94% of the population in low and middle income countries are without access to surgery and anaesthesia, compared with 14.9% of the population in high-income countries



WORLD HEALTH ORGANISATION

Safe anaesthesia saves lives. It is essential that safe practices are followed internationally to ensure the best possible care. The WFSA is a Non-State Actor in official relations with the World Health Organisation (WHO), and advocates for universal access to safe, affordable and timely anaesthesia.

In 2018 the WFSA updated the International Standards for a Safe Practice of Anaesthesia publishing these jointly with the WHO as shared WHO-WFSA Standards for the first time. The WFSA has raised the profile of safe anaesthesia at a range of WHO forums including the World Health Assembly, WHO regional meetings, and the Executive Board.

“ The WHO-WFSA International Standards for a Safe Practice of Anaesthesia

The International Standards represent minimum standards and the goal should always be to practice to the highest possible standards, preferably exceeding the standards outlined.

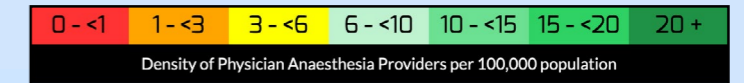
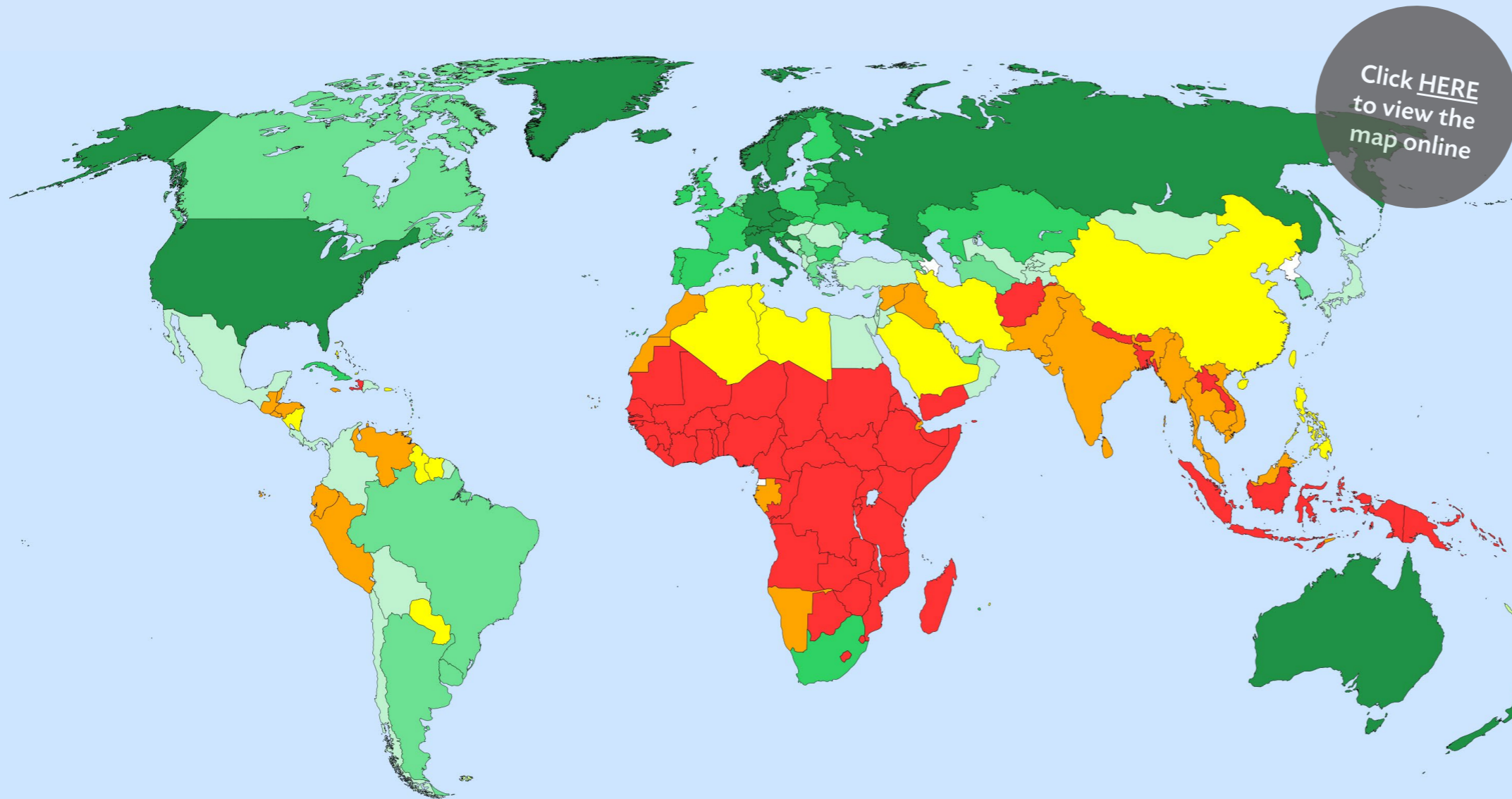


5 billion people do not have access to safe, affordable and timely anaesthesia care



WFSA WORKFORCE MAP

This online resource created by the WFSA highlights the extent and location of the anaesthesia workforce deficit around the world.



More than 136,000 additional physician anaesthesia providers are needed TODAY to achieve an interim target density of 5 per 100,000 population in all countries.

Without adequate numbers of trained providers it will be impossible to scale-up anaesthesia provision worldwide, and to ensure access to safe anaesthesia for all patients.

EDUCATION

In order to enhance patient care worldwide the WFSA works with Member Societies and partner organisations to support a range of training programmes alongside open access online education materials.

Click [HERE](#) to Fund A Fellow

Our programmes provide essential information and training to improve the skills, knowledge and competencies of anaesthesia providers, including those from underserved and rural areas.



SAFE COURSES

The Safer Anaesthesia From Education course is a three day training programme aimed at up-skilling existing anaesthesia providers whilst ensuring a sustainable training model by including a training of trainers.

In 2018, the WFSA marked the 100th SAFE course which took place in Hyderabad, India. Since the first SAFE Course in Uganda in 2011, 119 Courses have been delivered in 33 countries training over 4,000 clinicians.

A new multidisciplinary SAFE Operating Room (OR) course has been developed for surgeons, nurses and anaesthetists. 146 people were trained in SAFE OR in 2018.

119 SAFE Courses in 33 countries

★

Over 4,000 trained through SAFE Courses

★

Over 650 Trainers have been trained

★

146 trained on SAFE OR Courses in 2 countries

FELLOWSHIPS

Each year the WFSA offers Fellowships for young anaesthesiologists from lower income countries to gain skills in a specialist area of anaesthesia.

100% of Fellows stated that participating in the Fellowship has improved their clinical practice, and they have all applied what they have learnt during the Fellowship in their home contexts.

“Dr Angela Isabel Marmolejos Dumé, WFSA Pain Management Fellowship, Brazil in 2018.

It was a wonderful experience and I learned a lot, especially how to make combinations of drugs and multimodal analgesia. I would love to continue teaching residents of anaesthesia and teach at universities in my country.



EPM

Essential Pain Management is a cost-effective multi-disciplinary training course which aims to improve knowledge and skills in pain management.

The WFSA aims to enhance patient care worldwide by working collaboratively to create, develop and strengthen anaesthesiology education and training

Since 1996, 364 Fellows have been trained in 8 anaesthesia subspecialties

★

The WFSA trained 432 healthcare workers on EPM in Uganda in 2018

SCHOLARSHIPS

With thanks to our industry partners, the WFSA has sent 236 scholars to anaesthesia congresses around the world since 2008. The WFSA and Baxter International celebrated 10 years of collaboration on the scholarship programme in 2018 which has allowed 185 scholars to attend international and regional congresses.

“Dr Martina Rekatsina, Scholar at Euroanaesthesia

I have already shared all the new knowledge that I have acquired from the congress with my colleagues. In daily practice I try to use ultrasound more often, as well as have in mind the safety of drug administration intrathecally. I am also more confident during caesarean section.



Masimo Scholars at the annual American Society of Anesthesiologists ANESTHESIOLOGY 2018® Annual Meeting in San Francisco, USA.

Since 2008 there have been 236 WFSA scholars



Palestinian Anaesthesia Teaching Mission

There have been 7 volunteers with PATM since 2017

PALESTINIAN ANAESTHESIA TEACHING MISSION (PATM)

Since 2017 there have been 7 volunteers from the UK, South Africa, and Norway as well as two programme coordinators providing in-country anaesthesia training for resident doctors in Palestine, with training taking place in hospitals in East Jerusalem and the West Bank.



VITAL ANAESTHESIA SIMULATION TRAINING (VAST)

VAST is a simulation based course developed through a relationship between the University of Dalhousie and the University of Rwanda. In 2019, the WFSA will support delivery of VAST in India to train 20 clinicians as part of our partnership with Masimo.

VAST is a three-day programme reflecting practice at the district hospital in a low-resource setting. Predominantly using simulation, the course centres on anaesthesia and resuscitation for obstetrics, paediatrics and trauma as well as safe general surgery, pre- and post-operative care, with an underlying focus on non-technical skills.

OTHER PROJECTS



Medical Training Initiative

A joint partnership between the WFSA and the Royal College of Anaesthetists (RCoA) has allowed anaesthetists/intensivists from Kenya, Zimbabwe, Ghana, Malawi and Nepal to undertake a training placement in a UK hospital for 24 months.

Capacity Building

Four doctors from Liberia, a country with no physician anaesthesia providers, are taking part in a 15-month training course in Nigeria to achieve a West African College of Surgeons (WACS) Diploma in Anaesthesia, as part of a shared initiative to improve the quality and safety of anaesthesia worldwide.

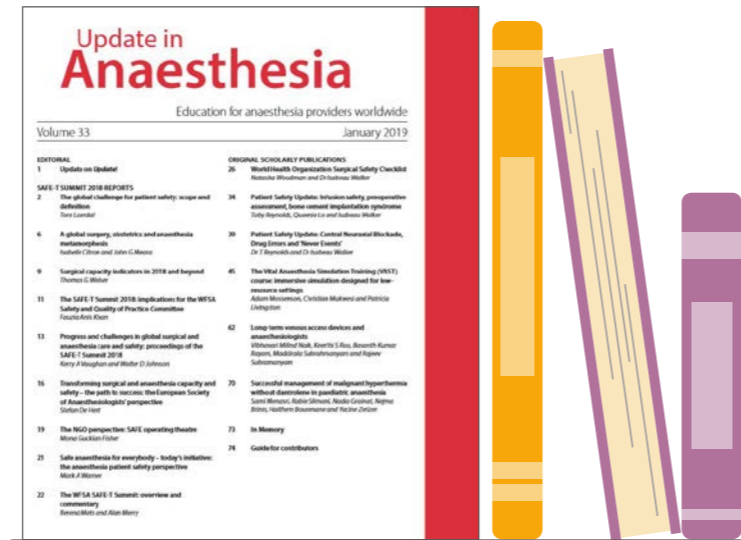


Capacity Building

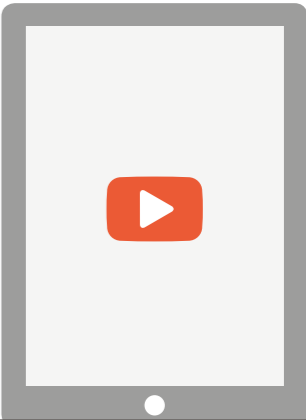
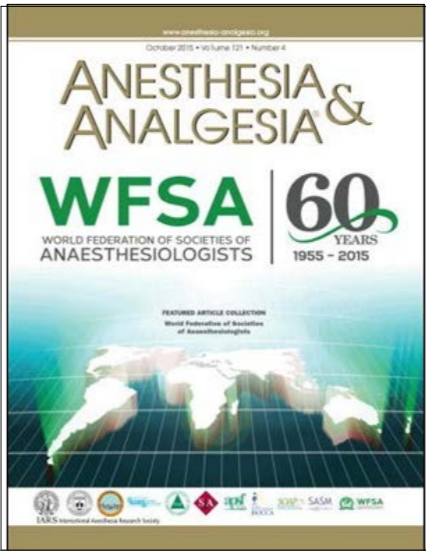
Publications

The WFSA has published over 400 Tutorials, and 33 volumes of our journal Update in Anaesthesia, along with video tutorials, making the WFSA a reliable and up-to-date source on the most recent anaesthesia practices and debates.

Our publications are accessed by thousands of people around the world and used for continuing education



NEW!
Self-directed
CME/CPD quiz
that can be taken
after each
tutorial!



UPDATE IN ANAESTHESIA (UIA)

33 volumes of the WFSA’s official CME publication Update in Anaesthesia, have been published. Viewed by thousands of people, UIA’s focus is on education for anaesthesia providers worldwide.

Volume 33 included articles from the inaugural SAFE-T Summit in 2018 including authors from outside the specialty such as Tore Laerdal, Executive Director of the Laerdal Foundation and Chairperson of Laerdal Global Health, Walt Johnson, who leads the Global Initiative for Emergency and Essential Surgical Care (GIEESC) at the WHO, and John Meara, Department of Plastic and Oral Surgery at Boston Children’s Hospital Boston.

ANAESTHESIA TUTORIAL OF THE WEEK (ATOTW)

Over 400 editions of ATOTW, the WFSA’s peer reviewed web tutorial covering various anaesthesia specialties, have been published reaching thousands of anaesthesia providers around the world.

Many tutorials were translated into Spanish, French, Portuguese and Chinese. The WFSA now offers a self-directed CME/CPD quiz that can be taken after each tutorial.

ANESTHESIA & ANALGESIA

Through a partnership between the WFSA and the International Anesthesia Research Society (IARS), the Global Health Section of Anesthesia & Analgesia (A&A) was formed in 2014.

Articles published in the Global Health section are available to download for free.

The WFSA Global Anesthesia Workforce Survey has been the third most-cited article in A&A, and in the top 20 most cited from all the major anaesthesia journals.

ANAESTHESIA FILM TUTORIALS (YOUTUBE)

Through a partnerships with Southampton Hospital, the WFSA offers a series of educational videos on adult and paediatric anaesthesia on our Virtual Library and YouTube channel. With videos being watched hundreds of thousands of times by users all over the world, the video tutorials are a useful dissemination and educational tool.

INNOVATION AND RESEARCH

Innovation and research is vital to improving safety and standards in anaesthesia care globally. Advances in these areas will create innovative equipment for the future, novel drugs to better treat patients, advanced learning methods for safer anaesthesia, and effective pain relief in resource poor settings.

GRANTS AND AWARDS

The WFSA offers grants and awards to promote innovation and research in anaesthesia.



The WFSA-Fresenius Kabi Anaesthesia Innovation Awards

A unique programme that identifies and supports the development of innovations in the area of anaesthesia, critical care or pain, has presented two awards since its launch in 2017.

The winner in 2017 was SmartBlade, a video laryngoscope, making the use of video laryngoscopy affordable, accessible and preferable, developed by Dr Caroline Corbett and Mr Nick Nevin from South Africa.

The winner in 2018 was RevoCap, a low-cost capnography device to monitor the concentration of carbon dioxide during anaesthesia, developed by Mr Maziar Mohsen Nourian and Dr Michael Lipnick.

University research programmes have provided 6 opportunities

★
Lifebox have introduced 1,600 people to the WHO Surgical Safety Checklist

★
2 WFSA-Fresenius Kabi Anaesthesia Innovation Awards have been awarded since 2017



RESEARCH PROGRAMMES

Along with Ohio State University and University of California San Francisco, the WFSA runs research programmes and has provided opportunities for 6 anaesthesiologists from LMICs to gain expertise in research and simulation.



SUPPORT OF ORGANISATIONS

The WFSA's work is made possible through the support of our member societies and a growing number of partner organisations. We would particularly like to thank our Global Impact Partners who have enabled significant scale-up of our work over the 2016-2020 programme cycle.



Lifebox helped operating theatre teams make surgery safer for an estimated 7.5 million people



Credit: Lifebox/Dr Baklanov, 2016



THE WFSA IS A PROUD CO-FOUNDER AND SUPPORTER OF LIFEBOX.

In 2017-2018, Lifebox helped operating theatre teams make surgery safer for an estimated 7.5 million people as well as introducing 1,600 people to the WHO Surgical Safety Checklist and distributing 3,942 pulse oximeters.

Lifebox worked in 45 countries and has partnered with 33 organisations

WORKING TOGETHER

Supporting and connecting our members is at the heart of our Working Together programme and is showcased through our Regional Congresses which take place across the world each year, as well as our events.

SAFE-T SUMMIT 2018

The inaugural SAFE-T Summit, held in 2018, brought together world-renowned experts, such as Atul Gawande and Tore Laerdal, to discuss topics related to global equity and teamwork in anaesthesia and surgical care.

Following this success, 2019 will see the second SAFE-T Summit, with Keynote speaker Edna Adan Ismail and talks from a range of experts on the topic of global equity and teamwork in anaesthesia and surgical care.

INDICATORS AND REPORTING CRITERIA FOR SURGERY, OBSTETRICS AND ANAESTHESIA PATIENT SAFETY.

The WFSA, along with Laerdal Foundation, organised a meeting to be held in June 2019 in Utstein in Norway. Utstein Abbey was the location of a conference which, in 1990, resulted in the publication of guidelines for uniform reporting of data from out-of-hospital cardiac arrest. The goal of this meeting is to reflect on the current global surgery indicators, to refine them, and to explore how to further cement the relationship between the indicators and patient safety and survival.

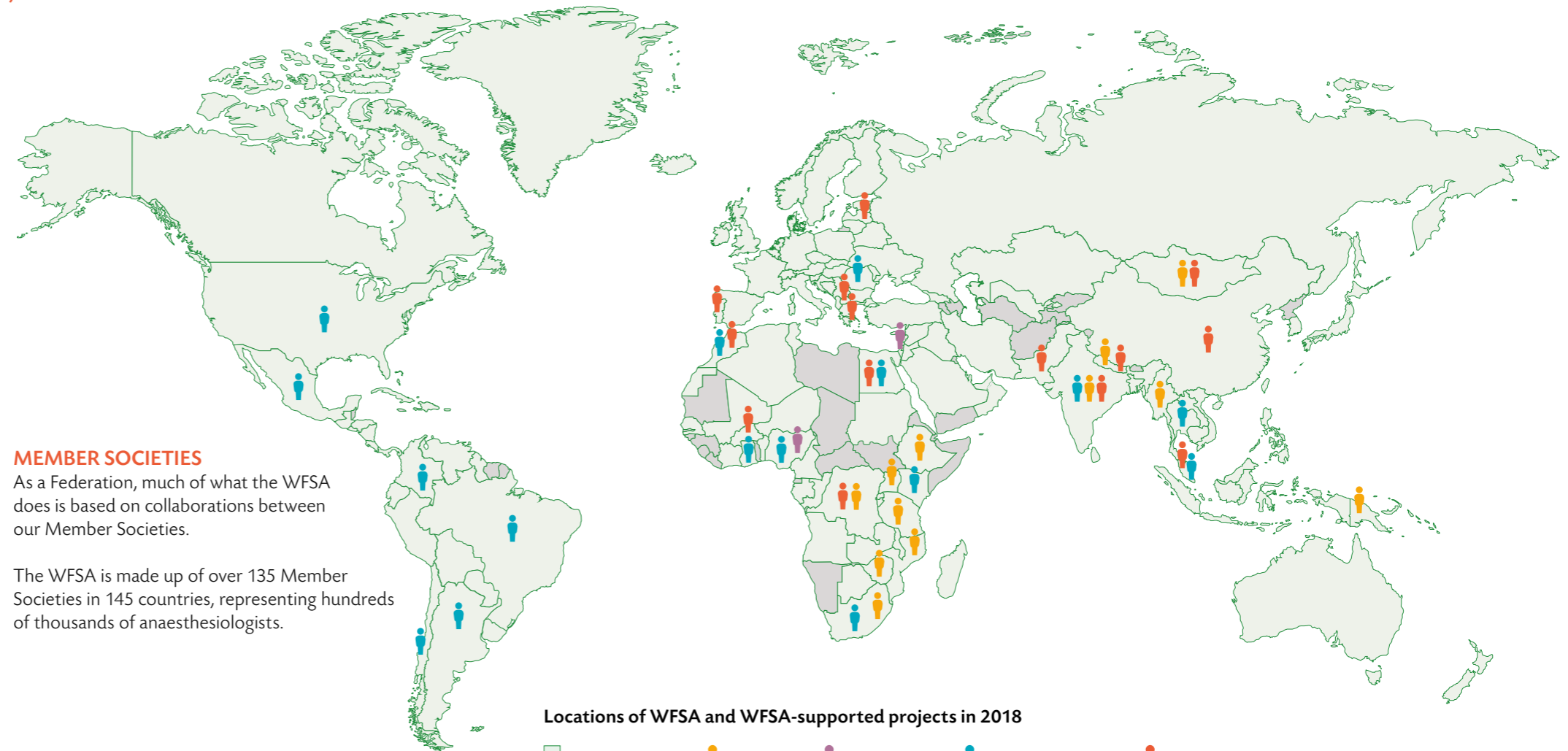
2019 will see the second SAFE-T Summit



The WFSA Utstein Meeting will be held in 2019



135 Member Societies in 145 countries



MEMBER SOCIETIES

As a Federation, much of what the WFSA does is based on collaborations between our Member Societies.

The WFSA is made up of over 135 Member Societies in 145 countries, representing hundreds of thousands of anaesthesiologists.

Locations of WFSA and WFSA-supported projects in 2018

Member countries SAFE courses Capacity Building Fellowship host countries Scholars' country of origin

EXAMPLES OF OUR IMPACT

SAFE (Safer Anaesthesia From Education) Courses have been run across four continents:

- ★ **119 Courses**
- ★ **Over 4,000 clinicians** trained
- ★ **623 trainers** trained
- ★ **33 countries**

Fellowships and Scholarships:

- ★ **364 fellows** from **62 countries** have been mentored across **8 anaesthesia specialties** and sub-specialties
- ★ **236 scholars** from **75 countries** have attended **30 meetings** since 2008

Publications:

- ★ **400 ATOTW Tutorials** have been published in English
- ★ **33 editions** of Update in Anaesthesia have been published



WFSA
WORLD FEDERATION OF SOCIETIES OF
ANAESTHESIOLOGISTS

www.wfsahq.org



facebook.com/wfsaorg



twitter.com/wfsaorg



linkedin.com/company/wfsa

