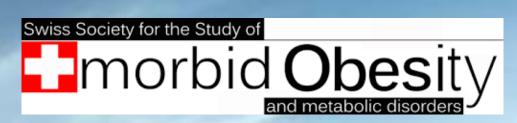
We simply train surgeons

AIS PER

PRESENTATION FOR SURGICAL SOCIETIES | CONFIDENTIAL

FEATURED PRESENTATION FOR







OUR REASON

The evolution of surgery constantly requires the inclusion of new approaches and new devices that allow for constant renewal, not only of the elements of surgery, but also of its very definition. Thus, the surgery of the future, hand in hand with innovation, must become part of a structural alteration of the surgical continuous education processes, because of the gap between the creation of new approaches and procedures, the technical advances in devices, the HCP learning curve, and the adoption curve.

"See one, do one, teach one", based on face-to-face, work-based learning, is not currently sustainable due to the regulation of the labor framework for surgical professionals in terms of working hours, as well as due to the need to take knowledge to every corner of the planet.

Teaching is currently based more on observation, initial experience, interaction, reflection, and finally action. Much more ambitiously, our goal is the direct transfer of skills through suitable digital training/learning systems.





OUR VISION TELL ME AND I FORGET. TEACH ME AND I MAY REMEMBER. INVOLVE ME AND I LEARN.

Benjamin Franklin

Universal access to excellent lifelong surgical training/learning shouldn't be exclusive to a few privileged people. Surgery has advanced more in the last 15 years than in the previous 150, and only 3% of healthcare professionals in the world can keep up to date (due to time, money and other restrictions).

At AIS we believe in facilitating free remote access to excellent surgical contents (synchronous or on demand) provided by the best international surgeons. This is the starting point to rewrite the rules of training and learning through the use of tools that combine technology and innovation. We believe in democratizing surgical and medical knowledge!





OUR MISSION

To work tirelessly on the audiovisual and technical recording and broadcasting of procedures, techniques and innovations, from a constantly growing network of hospitals and KOLs and validated by academic and scientific institutions, with the aim of offering it to everyone who needs it in the most technologically and effective way possible.





OUR ARGUMENTS

- 5 billion people are unable to access surgical care (Lancet Apr 2015).
- 143 million more surgeries needed actually (Lancet Apr 2015).
- **19 million** annual deaths that are preventable by surgery (Lancet Apr 2015).
- Approximately 97% of world surgeons are unable to attend face-to-face congresses.
- The complication rates and mortality rates of surgeons with low skills are 3 times and 5 higher, those of highly times respectively, than (Birkmeyer et al, NEJM Oct 2013).
- The the operative time and readmission rate of inexperienced surgeons are **2.5 times** and **6** times, respectively, those of experienced surgeons (CAVA Robotics).
- The regulatory framework is becoming increasingly stringent and device manufacturers have issues training surgeons from around the world in the use of their innovations.

OUR COMMITMENT

What if the solution were to understand all the players' existing needs on behalf of all the players involved and use technological layers as enablers and facilitators of knowledge flows, scientific and academic validation and real-time critical thinking?

This is the reason why AIS was created: a strong commitment to merging the forces of the best surgeons (KOLs) in the world, surgical societies, prestigious hospitals, health systems, foundations, universities, freelance academics and industry players (medical device and supply companies) that are aligned with our philosophy, purpose and vision: to close the gaps in surgical training and learning.

skilled surgeons.





OUR DAILY CHALLENGES

ADVANCES IN SURGERY MUST:

- Reduce the number of surgeons who have no access to quality ongoing training.
- Constantly create and maintain an international network of leading surgeons in their specialties who share the same mission and their associated hospitals, universities, foundations and societies.
- Create and maintain platforms to facilitate the transfer of knowledge and speed up the curve for the adoption of new tools, techniques, and procedures, and consolidate basic surgical and medical knowledge.
- Provide universal access (at no cost) to a library (in real time and on demand) of surgical learning and experiential contents, ranging from the basics to the latest procedures.
- Constantly innovate in formats and contents to keep our community engaged.
- Constantly explore new digital teaching methodologies and technologies.
- Cover everything from mass training to selective learning through the use of existing or self-developed technologies.

As a result, improve patients' quality of life.





TODAY

Advances in Surgery is a global surgical and medical knowledge-transferring, data-driven ecosystem, comprising a set of digital correlative platforms, with the purpose of facilitating access to high-quality content created by the world's best specialists. Its goal is to accelerate the training/learning curve so as to close the gap between innovation and adoption, through the use of behavioral analysis, artificial intelligence, active listening, and adaptive learning management systems.

AIS COMMUNITY

+360K AIS World

Americas: Europa: Asia: **19.9%** (excluding AIS China*) África: **7.2%** Oceania: **2.1%**

+35K AIS China



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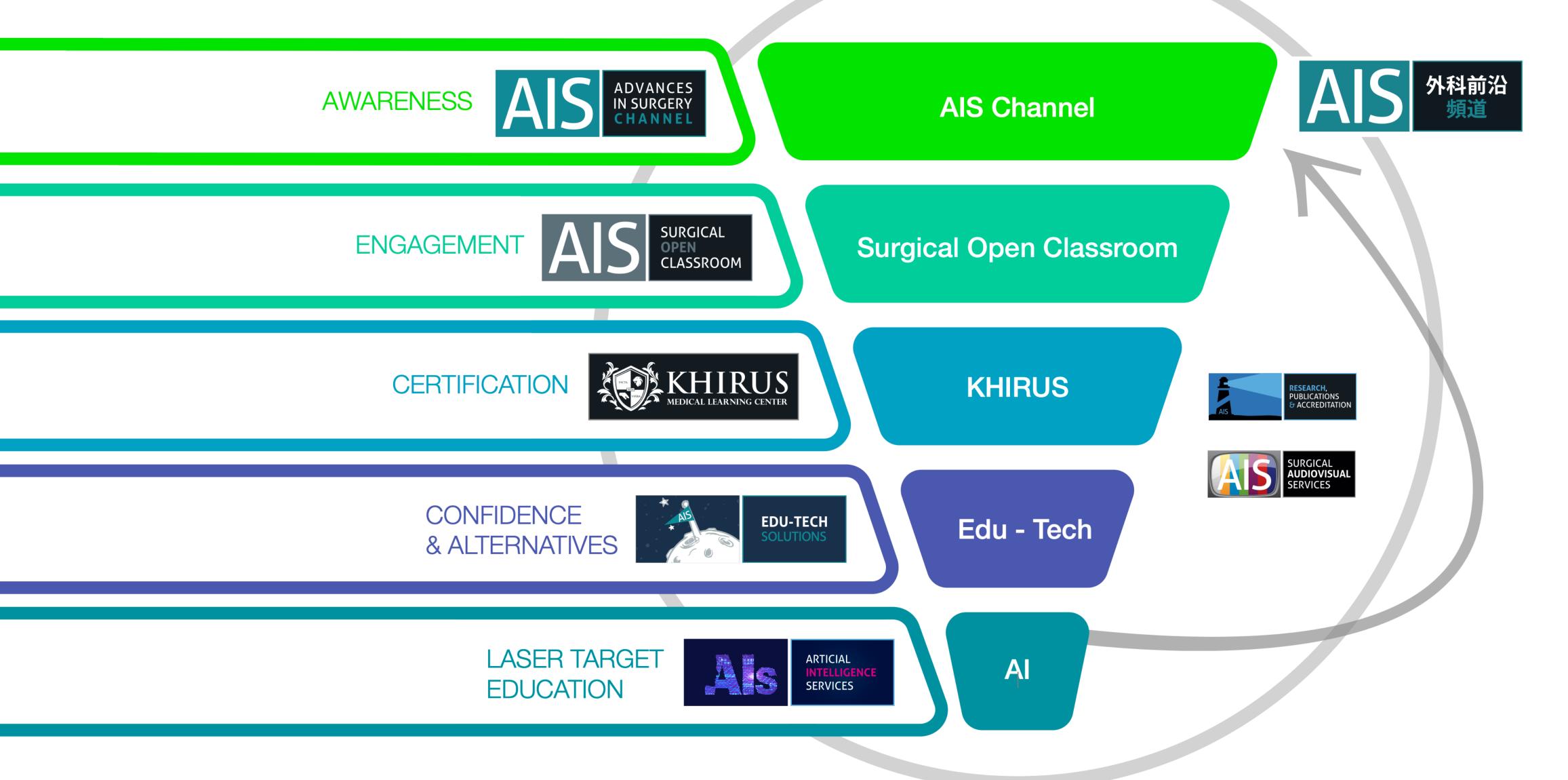
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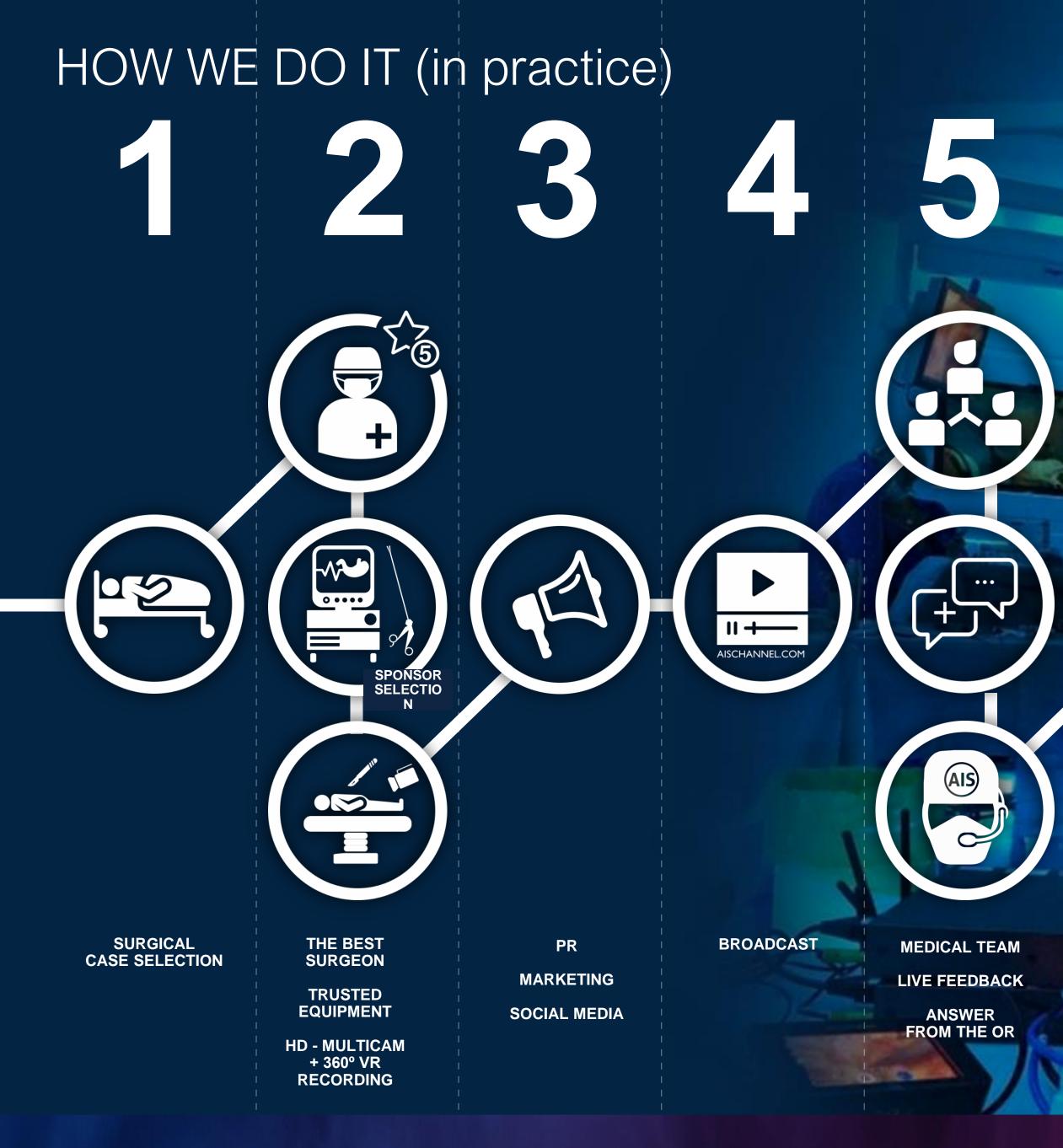












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EPIC TRAINING MOMENTS ANALYSIS

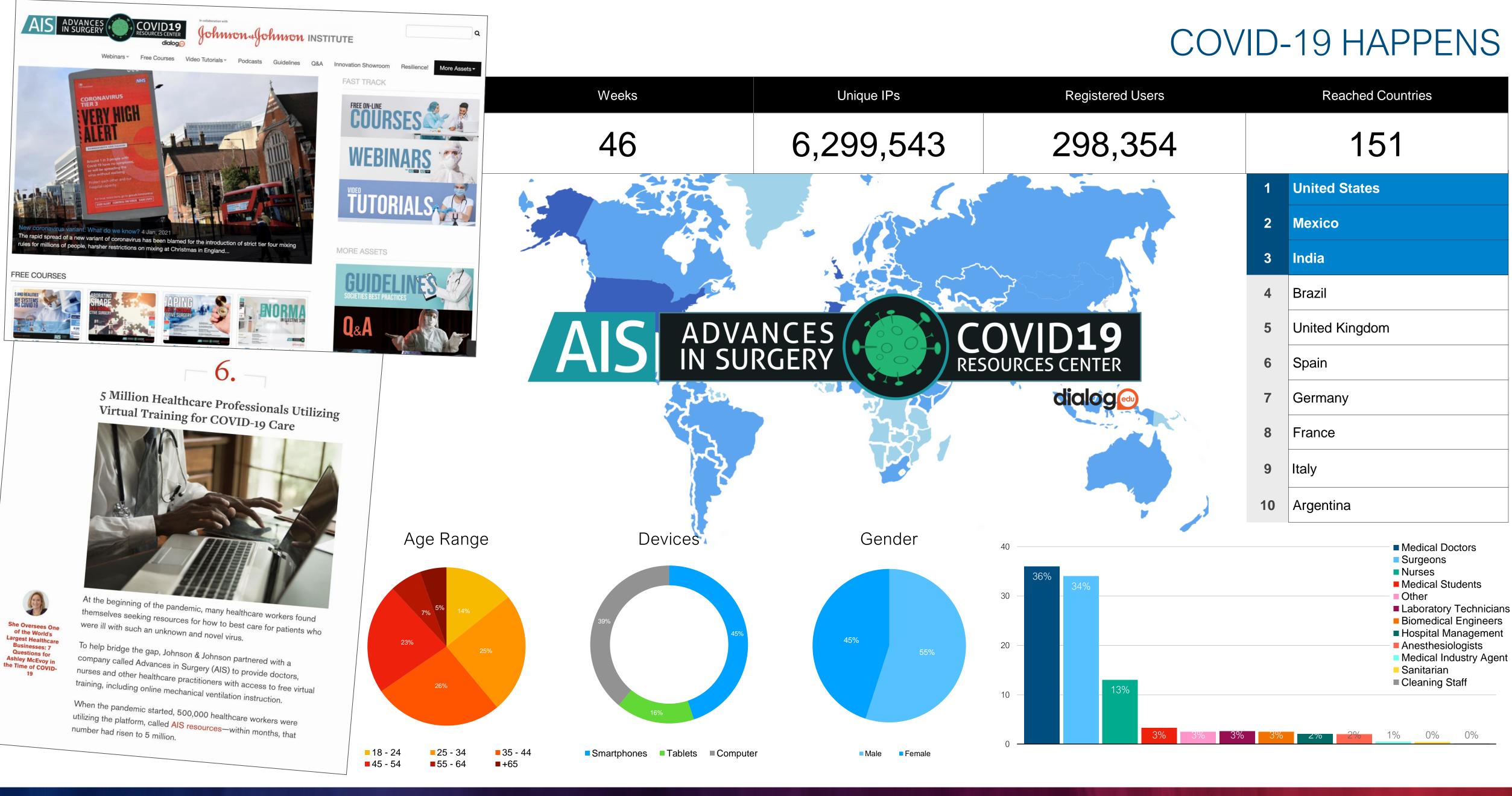
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CONTENT CELL VIDEOVOICE OVER CHAT

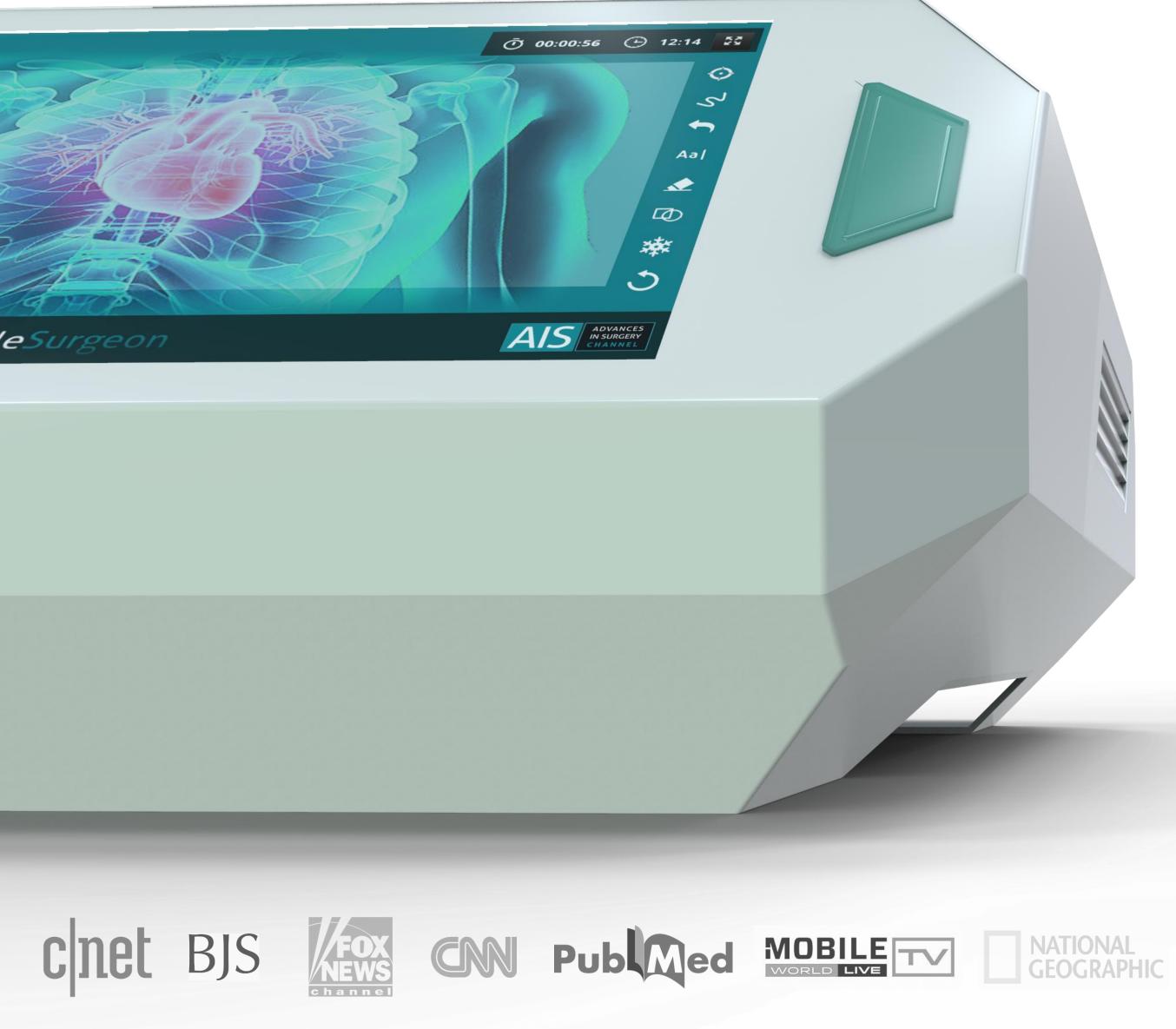
OPEN CLASSROOM ON DEMAND

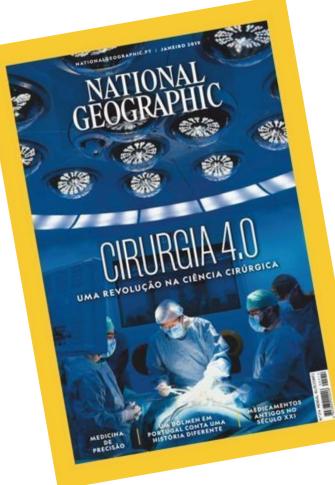
SOFT SKILLS











THINKING AHEAD

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OTHER SOLUTIONS

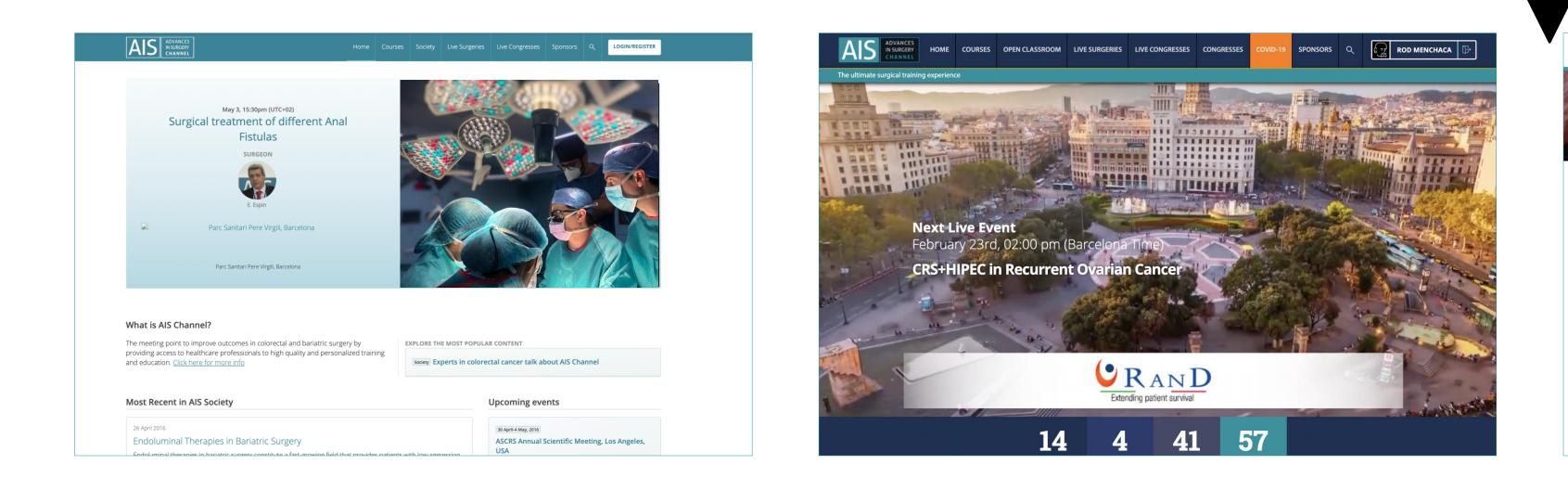
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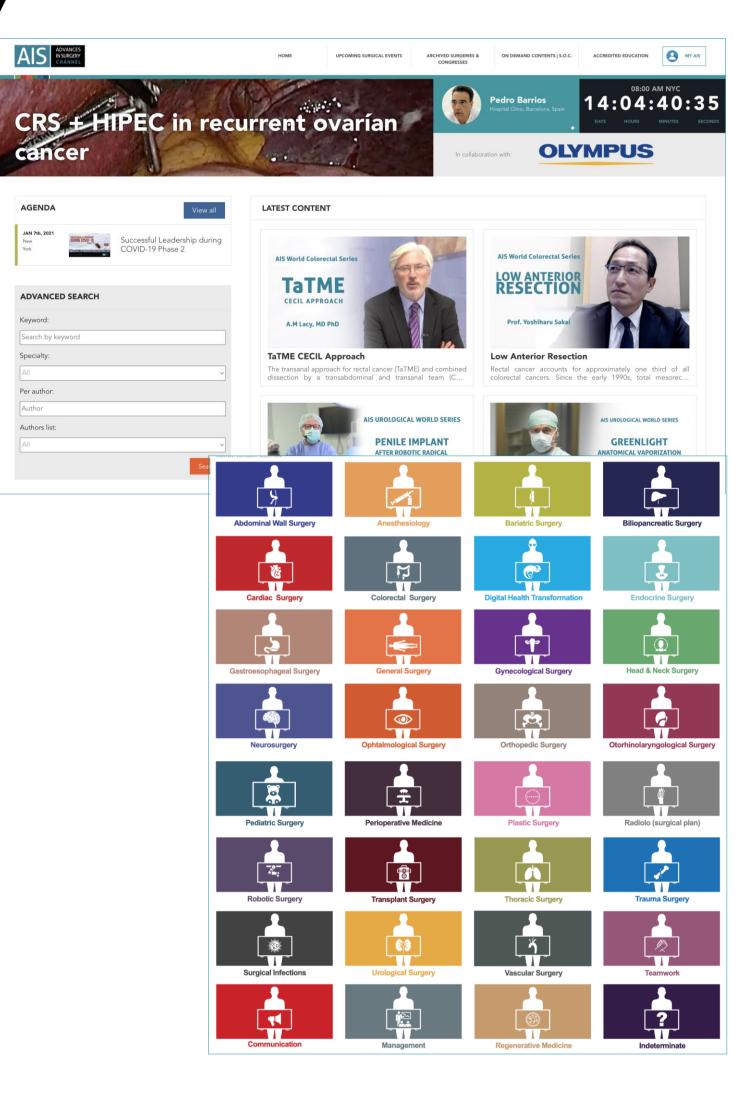






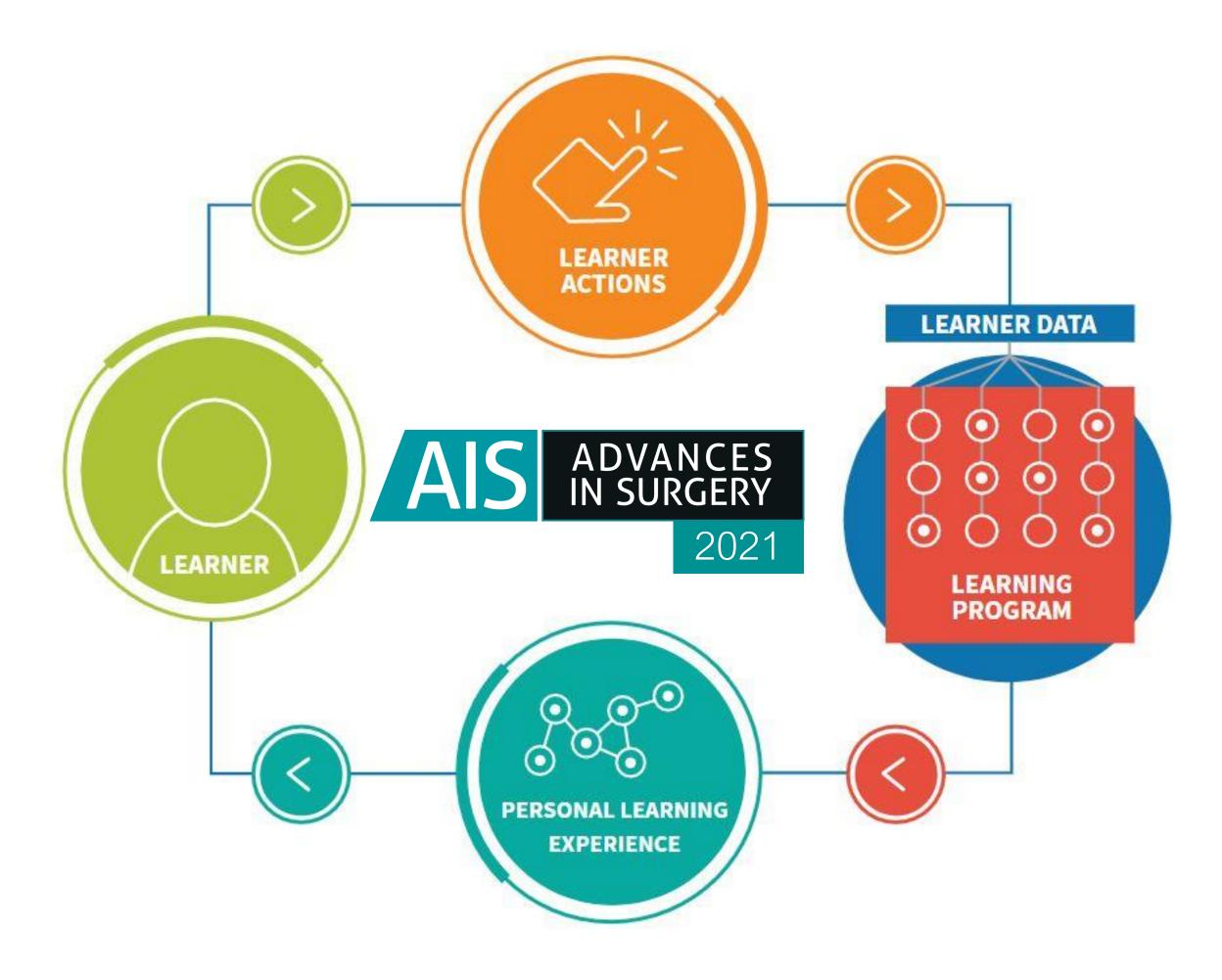
TOMORROW







In February 2021 (in one week), Advances in Surgery will proudly launch a state-of-the-art Adaptive Learning Platform in which the 1-on-1 learning will be the core starting with Bariatric Surgery.



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UPCOMING SURGICAL EVENTS

PAST SURGICAL EVENTS

ON DEMAND CONTENTS | S.O.C. ACCREDITED EDUCATION



VIEW ALL

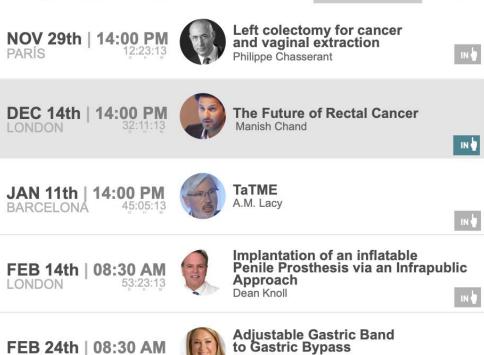
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FILTER BY SPECIALITY

LATESTS SURGERIES & ONLINE CONGRESSES

UPCOMING SURGICAL EVENTS

FEB 24th | 08:30 AM





Left colectomy for cancer and specimen vaginal extraction

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KEYWORD			
BY SPECIALITY			
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BY AUTHOR			
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BY SPONSOR			
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Bariatric Revisional Series | Patient

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SURGICAL JOURNEYS IATRICS **BAR** SEASON

In collaboration with: Johnson Johnson

INSTITUTE



AIS ADVANCES IN SURGERY







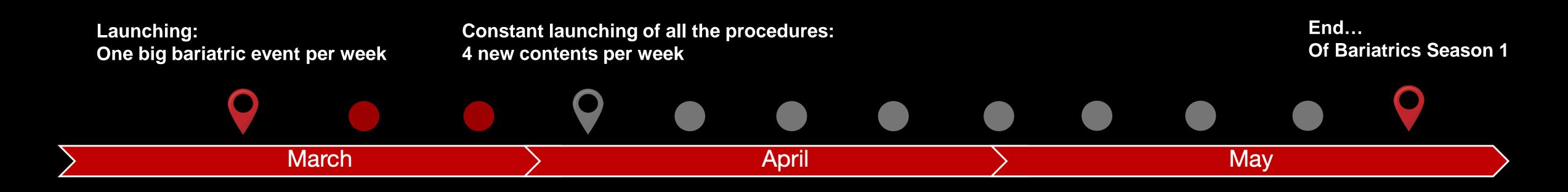
In collaboration with: Johnson Johnson INSTITUTE



The **Bariatric Surgical Journeys** are going to be a first-of-kind learning experience. For the first time, the journeys will be based on the learner, they will evolve and change based on the interests, experience and learning needs of each surgeon.

A huge amount of content will be published during three months. There, the best bariatric KOLs worldwide will share their knowledge in Virtual Broadcasts, Masterclasses, Webinars or Surgical Skills, within others.

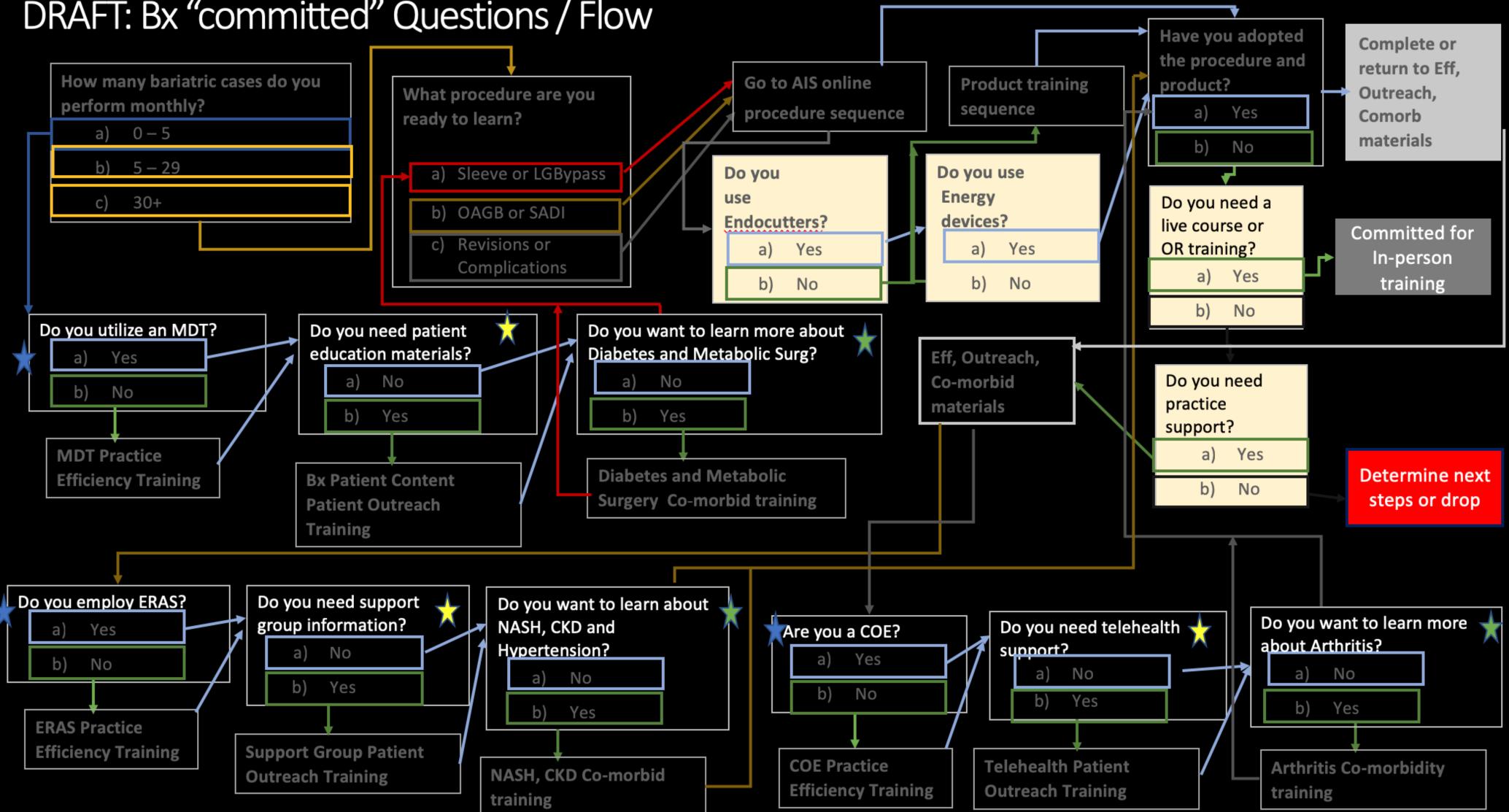
And, as democratizers of education we are, these journeys are going to be **FREE**.





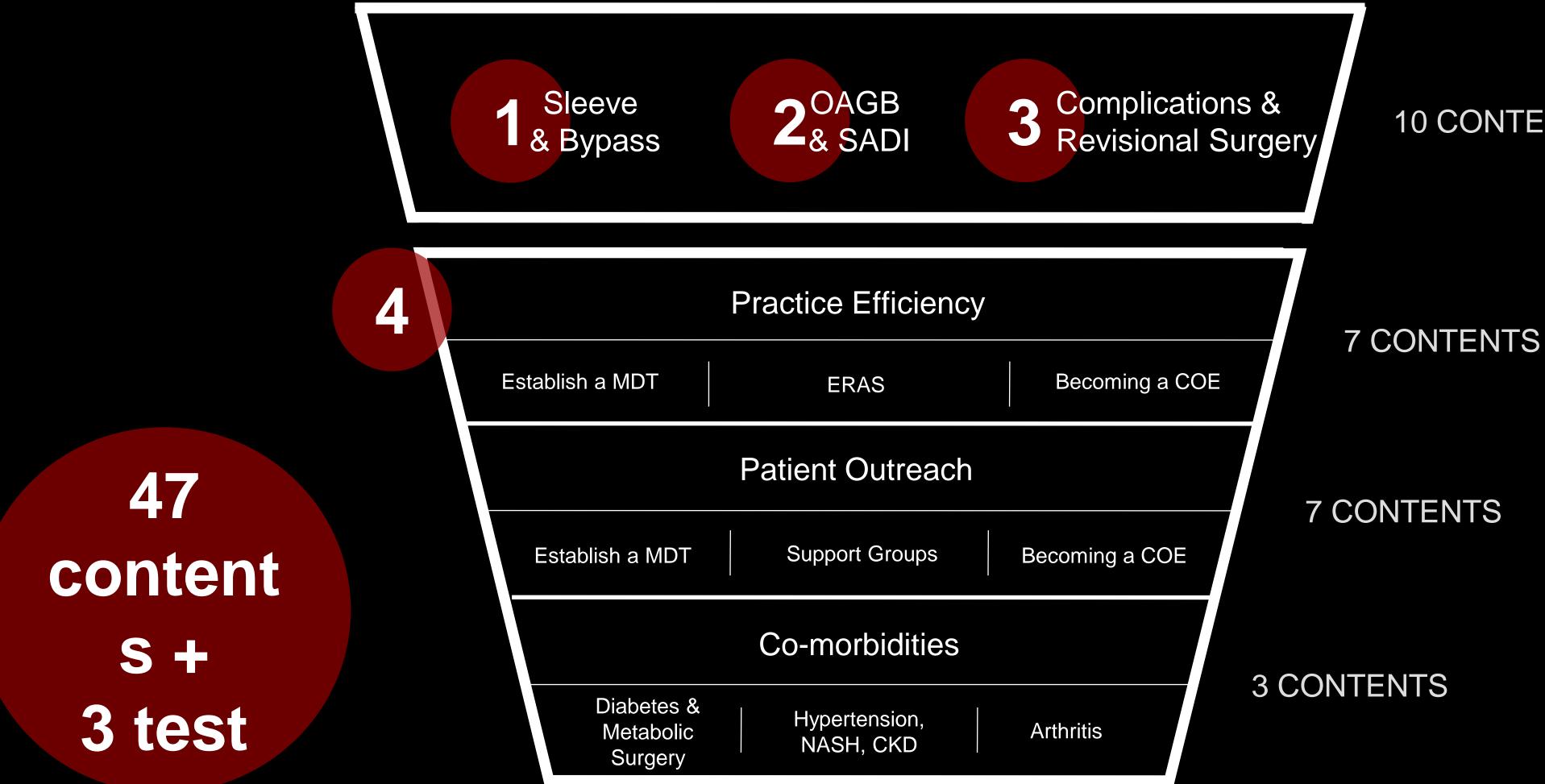


DRAFT: Bx "committed" Questions / Flow





CONTENT CLASSIFICATION



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10 CONTENTS PER PROCEDURE





CONTENT LIST (I)

Revisional & Complications (learn	ing journeys)		
	Awareness	Revisional Surgery: When to Revise and When Not To?	MasterClass
	Awareness	Revisional Surgery: Awareness of Procedural Options*	Virtual Broadcast Surgeries
	Awareness	Surgical Strategies and Technical Options*	Virtual Broadcast Surgeries
	Awareness	Medical Management as an Option	Webinar
	Engagement	Sleeve to RNYGB*	Virtual Broadcast Surgeries
Revisional & Complications	Engagement	Sleeve to SADI	Step by Step
	Engagement	OAGB to RNYGB*	Virtual Broadcast Surgeries
	Engagement	Procedural Reversals*	Show & Tell
	Engagement	Complications avoidance and management techniques	Tips & Tricks
	Engagement	Nutrition, Absorption and Nutritional Management for Revisional Surgery	MasterClass
	Validation	LMS Assessment	Knowledge Test
Sleeve & Bypass (SoC)			- 00
	Awareness	Technical Steps to Perform a Gastric Bypass*	Virtual Broadcast Surgeries
	Awareness	Introduction to Obesity: Epidimiology, Pathophysiology and Metabolic Changes for the Sleeve and LGB Patient	MasterClass
	Awareness	Introduction to Obesity: Relevant Anatomy and Physiology	MasterClass
	Awareness	Technical Steps to Perform a Sleeve Gastrectomy*	Virtual Broadcast Surgeries
	Engagement	Laparoscopic Sleeve: Tips and Tricks to Optimize Outcomes*	Tips & Tricks
Sleeve & Bypass (SoC)	Engagement	Weight Regain and Insufficient Weight Loss	Surgical Skill
	Engagement	Gastric Bypass: Tips and Tricks to Optimize Outcomes*	Tips & Tricks
	Engagement	Complications avoidance and management techniques	Step by Step
	Engagement	Nutrition, Absorption and Nutritional Management for Sleeve and Bypass	MasterClass
	Engagement	Post-op Care and Psychological Support for the Sleeve LGB Patient	Masterclass
	Learning	LMS Assessment	Knowledge Test
OA (OAGBP & SADIS)			N/ 5996
	Awareness	Technical Steps to Perform the SADI-S procedure*	Virtual Broadcast Surgeries
	Awareness	Technical Steps to perform the OAGB procedure*	Virtual Broadcast Surgeries
	Awareness	Patient Selection Considerations for OAGB and SADI	Talk & Surg
	Awareness	An Overview of one anastomosis Gastric Bypass	MasterClass
	Engagement	One Anastomosis Gastric Bypass: Tips and Tricks to Optimize Outcomes*	Tips & Tricks
OA (OAGBP & SADIS)	Engagement	SADI-S: Tips and Tricks to Optimize Outcomes*	Tips & Tricks
	Engagement	Complications avoidance and management techniques - SADI compared to OAGB	Tips & Tricks
	Engagement	Quality of Life Considerations in Single Anastomosis Procedures	MasterClass
	Engagement	Nutrition, Absorption and Nutritional Management for SADI and OAGB	MasterClass
	Engagement	Post-op Care and Psychological support for the SADI and OAGB Patient	MasterClass
	Learning	LMS Assessment	Knowledge Test



CONTENT LIST (II)

Electives			
	Elective	Multidisciplinary Team Approach to Obesity: Setup and Implementation	MasterClass
MDT Development	Elective	Teambuilding: Managing problems in the group	MasterClass
	Elective	How to maintain and improve your MDT	MasterClass
	Elective	Basic concepts. Benefits. Current evidence.	MasterClass
ERAS	Elective	How do I Implement and Standardize ERAS Techniques in my hospital	MasterClass
	Elective	Becoming a Center of Excellence: Considerations and Action Steps	MasterClass
	Elective	Commitment to Quality Care	MasterClass
	Elective	Appropriate Equipment and Instruments	MasterClass
Becoming a COE	Elective	Continuum of Care	MasterClass
	Elective	Continuous Quality Improvement (Handling Complications)	MasterClass
	Elective	Data Collection	MasterClass
	Elective	Selecting the Right Patient Content	MasterClass
Patient Outreach	Elective	Telehealth: Making the Most of Your Time	MasterClass
	Elective	Benchmarking Leadership "Internationalization"	MasterClass
	Elective	Diabetes & Metabolic Surgery	MasterClass
Comorbidities	Elective	Cancer, NASH, CKD & Hypertension	MasterClass
	Elective	Arthritis, Bariatric surgery and transplantation, Class-I obese patients (BMI 30-35)	MasterClass



KOLS PARTICIPATING IN BLJ SEASON 1

	KOL	Country	Type of content
1	Kelvin Higa	United States of America	Sleeve & Bypass (SoC)
2	Alan Wittgrove	United States of America	Sleeve & Bypass (SoC)
3	Carel le Roux	Ireland	Sleeve & Bypass (SoC)
4	Marina Kurian	United States of America	Sleeve & Bypass (SoC)
5	Camilo Boza	Chile	Sleeve & Bypass (SoC)
6	Mohit Bhandari	India	Sleeve & Bypass (SoC)
7	Fabio Viegas	Brazil	Sleeve & Bypass (SoC)
8	Antonio M. Lacy	Spain	Sleeve & Bypass (SoC)
9	Carlos Schiavon	Brazil	Sleeve & Bypass (SoC)
10	Dieter Birk	Germany	Sleeve & Bypass (SoC)
11	Joe Northup	United States of America	Sleeve & Bypass (SoC)
12	Ralph Peterli	Switzerland	Revisional & Complications
13	Bruno Dillemans	Belgium	Revisional & Complications
14	Ainitze Ibarzabal	Spain	Revisional & Complications
15	Ricard Corcelles	Spain	Revisional & Complications
16	José Balibrea	Spain	Revisional & Complications
17	Michael Talbot	Australia	Revisional & Complications
18	Aurora Pryor	United States of America	Revisional & Complications
19	Plamen Staikov	Germany	Revisional & Complications
20	Josep Vidal	Spain	Revisional & Complications
21	Eric DeMaria	United States of America	Revisional & Complications
22	Andres Sánchez-Pernaute	Spain	OA (OAGBP & SADIS)

	KOL	Country	Type of content
23	Mario Musella	Italy	OA (OAGBP & SADIS)
24	Mitchell S. Roslin	United States of America	OA (OAGBP & SADIS)
25	Kamal Mahawar	United Kingdom	OA (OAGBP & SADIS)
26	Jorrie Jordaan	Australia	OA (OAGBP & SADIS)
27	Amador García	Spain	OA (OAGBP & SADIS)
28	Jacques Himpens	Belgium	OA (OAGBP & SADIS)
29	Antonio Torres	Spain	OA (OAGBP & SADIS)
30	Scott Shikora	United States of America	OA (OAGBP & SADIS)
31	Nicola Di Lorenzo	Italy	Elective
32	Natan Zundel	United States of America	Elective
33	Jaime Ponce	United States of America	Elective
34	Lilian Kow	Australia	Elective
35	Caetano Marchesini	Brazil	Elective
36	Abdelrahman Nimeri	United States of America	Elective
37	Matthew D. Kroh	United States of America	Elective
38	Violeta Moizé	Argentina	Elective
39	Manuel Galvao	Brazil	Elective
40	Francesco Rubino	United Kingdom	Elective
41	Ricardo V. Cohen	Brazil	Elective
42	Rudolf Weiner	Germany	Elective
43	Violeta Moizé	Argentina	Elective







Contents created by 43 international KOLs

- 5 IFSO Past Presidents
- 1 IFSO Actual President
- 1 FSO Selected President (will start in August)
- 3 IFSO Members at large
- 2 ASMBS Past Presidents
- 3 ASMBS Honorary Fellows
- 1 SAGES Past President
- 1 SBCBM Actual President
- 1 ANZMOSS Past President
- 1 SICOB Past President
- 1 SMOB President
- **1 SEDYN President**





PERSONALIZED JOURNEY

Knowledge test

Possibility of measuring your knowledge. New content recommended depending on the results



Recommended content

Depending on what the surgeon has consumed, the test results and the personal experience

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Gamification

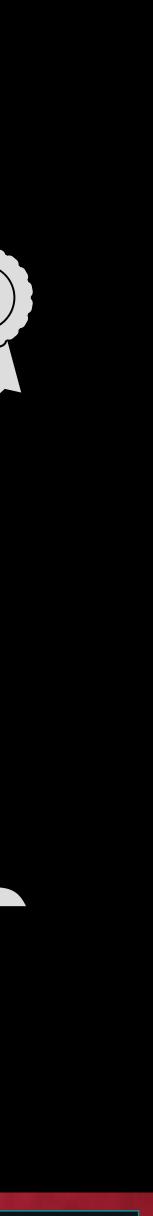
Receive different badges on your profile as you consume the bariatric content

My Page

A profile page for the surgeon, with personalized recommended material, badges, a follow-up of the reviewed content

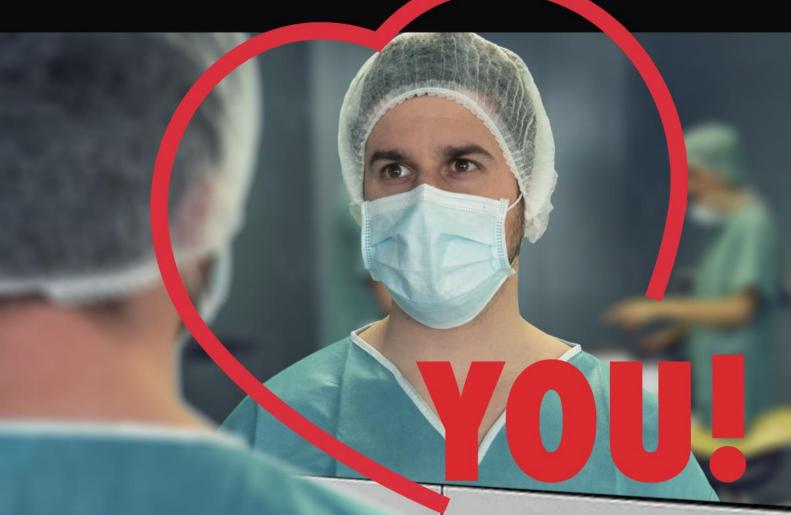


BARIATRIC SURGEON



When? 3 days ago

THIS VALENTINE'S DAY, AFTER CARING FOR YOUR LOVED ONES, WE WANT YOU TO TAKE CARE OF THE MOST IMPORTANT PERSON OF YOUR LIFE...





SURGICAL JOURNEYS BARIATRICS SEASON 1

In collaboration with: ohnson+Johnson INSTITUTE

Advances in Surgery in collaboration with the Johnson & Johnson Institute are proud to invite you to join an innovative first-of-kind learning experience. This multi-faceted personalized bariatric learning journey will evolve and change based on your interests, experience and the contents you select. Regardless of whether you're a novice or a global KOL, we have topics to help build your knowledge and confidence.

annel com/ini-learning-journeys and learn about Come to a surgical topics including Lap Sleeve, Lap Gastric Bypass, SADI/OAGB, Revisions and Avoiding Complications, as well as relevant practice topics to support patient outreach, co-morbidity education and improving clinical practice efficiency.

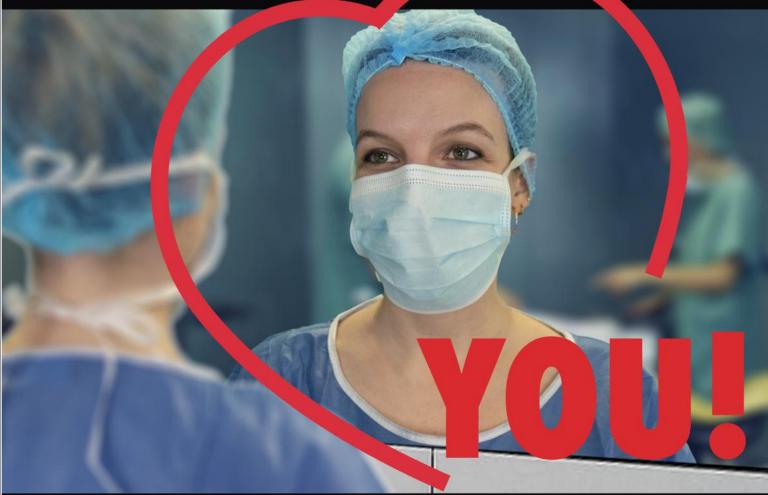
Learn as much or as little as you want, on your schedule. Keep going to the end, wherever that may lead.

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THIS IS ALL ABOUT YOU!



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SURGICAL JOURNEYS

In collaboration with: hnson&Johnson INSTITUTE

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Come to aischannel.com/jnj-learning-journeys and learn about surgical topics including Lap Sleeve, Lap Gastric Bypass, SADI/OAGB, Revisions and Avoiding Complications, as well as relevant practice topics to support patient outreach, co-morbidity education and improving clinical practice efficiency.

Learn as much or as little as you want, on your schedule. Keep going to the end, wherever that may lead.









- YOUR PERSONAL COMMITMEN
- ENDORSEMENT
- PROMOTION TO YOUR DATABASE
- PROMOTION IN YOUR SOCIAL NETWORKS
- FUTURE PROJECTS TOGETHER?
- CONTENTS IN SURGICAL OPEN CLASSROOM?

Alliance



- ANNOUNCEMENT OF THE ALLIANCE IN AIS NETWORKS
- PERIODIC MEETINGS TO KEEP YOUR SOCIETY / COLLEGE INFORMED
- FREE ACCESS TO CONTENTS
- ACCESS TO EXCLUSIVE DATA REPORTS
- ACCESS TO S.O.C. CREATION / PUBLICATION
- CONSTANT PRESENCE LOGO AND LINK IN AIS
- SPECIAL PROMOS WITH YOUR SOCIETY / COLLEGE LOGO
- FREE CONSULTANCY (IF NEEDED) FOR ONLINE CONGRESSES



We simply train surgeons

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