

Basic Training Report

International Society of Ultrasound
in Obstetrics and Gynecology

Registered Company number: **2722770**

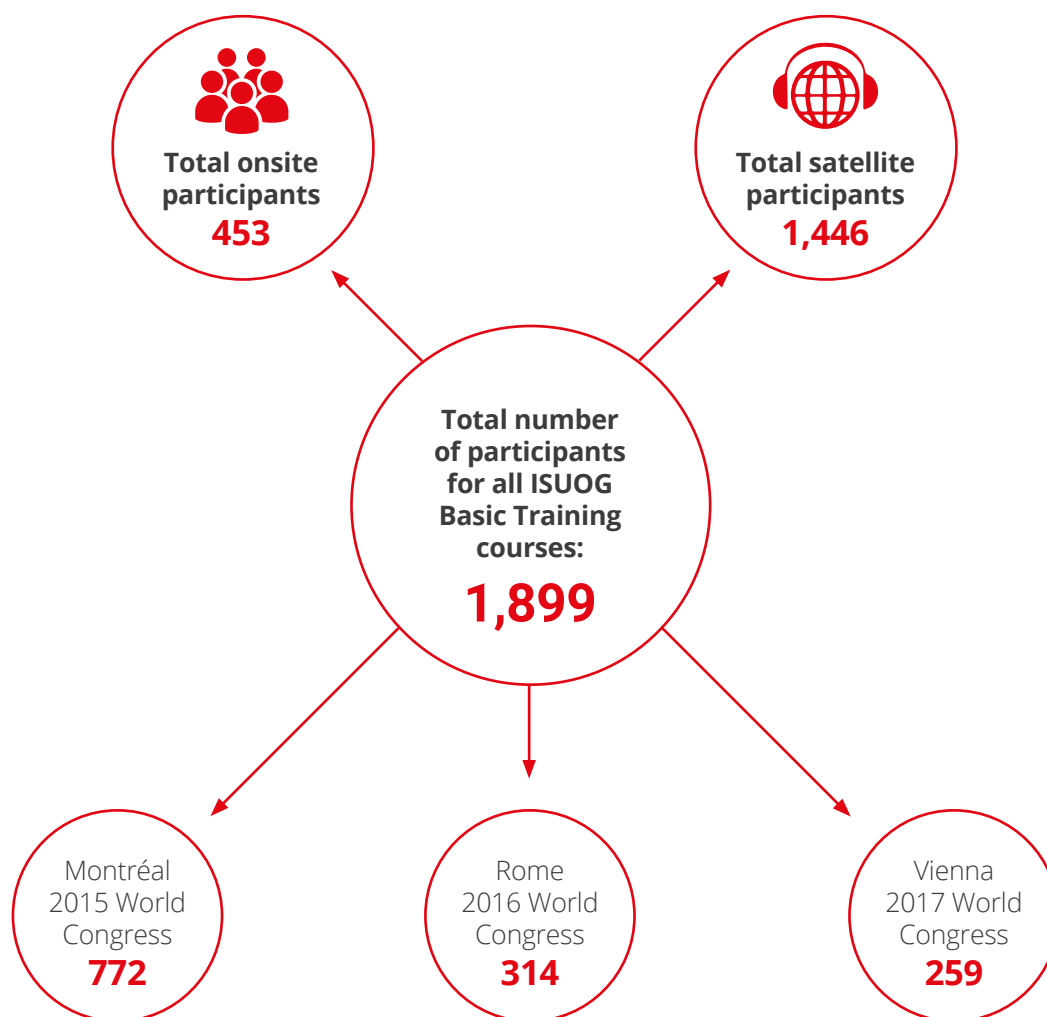


Basic Training Report

Past and future courses



Number of participants in Basic Training courses, 2015 to present

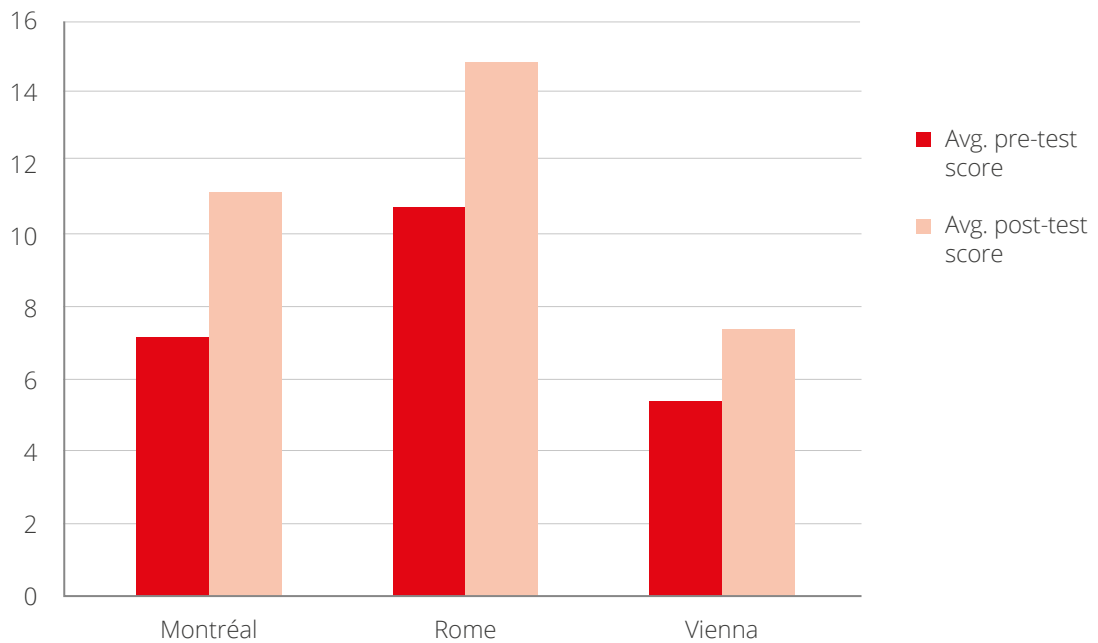


 78		 658		 73		 208		 79		 180	
Africa	3	From 23 satellites in 12 countries	Africa	2	Cairo	20	Africa	2	Alexandria	68	
Asia	3		Asia	4	Minia	25	Asia	12	Minia	38	
Australasia & Oceania	1		Australasia & Oceania	-	Alexandria	29	Australasia & Oceania	5	Lagos	21	
Europe	3		Europe	48	Jordan	48	Europe	51	Rwanda	24	
Middle East	6		Middle East	7	Ja El Dib	43	Middle East	5	SAATOG	16	
N. America	57		N. America	2	Lagos	16	N. America	3	Thessaloniki	13	
S. America	3		S. America	2	Tunis	27	S. America	1	Athens	TBC	

Learning Assessments

Data from the multiple-choice assessments administered to trainees before and after Basic Training programme to determine the educational impact of the course.

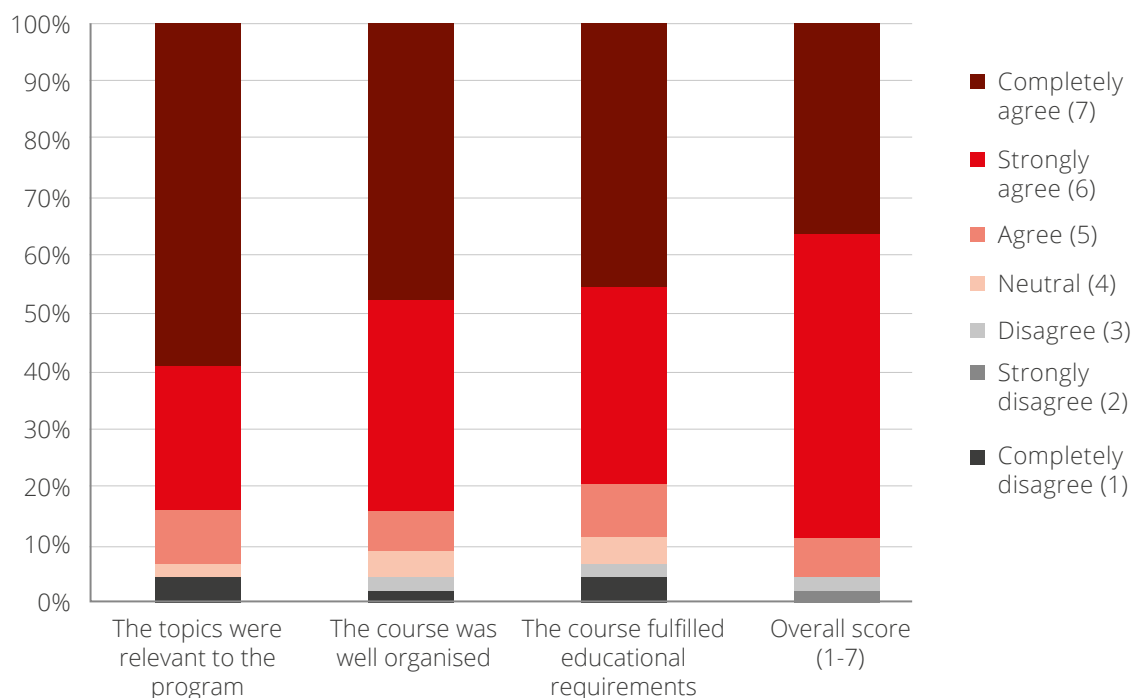
Increase of marks of post-course tests compared to pre-course tests



Basic Training Course	Avg. pre-course mark	Avg. post-course mark	Avg. mark increase	Avg. % increase
Montréal '15	7.22	11.2	3.99	41.91
Rome '16	10.86	14.86	4.21	58
Vienna '17	5.52	7.28	1.93	60.18

Basic Training Course in Vienna

Participant satisfaction survey



The Basic Training course in Vienna was attended by 79 onsite delegates from 38 countries plus 180 livestream delegates from 7 facilitated satellite groups in 5 countries. Of the 79 onsite participants over 95% would recommend the course to a colleague, and over 90% were happy with the quality of the speakers. Lectures which were mentioned by multiple delegates as being outstanding were “The 20 planes approach” by Trish Chudleigh, “Obtaining and interpreting heart views” by Alfred Abuhamad and “Assessing the neck and chest” by Gihad Chalouhi, and participants found the simulation session particularly useful. Some delegates would have liked Doppler studies to be covered in more detail.

The main areas for improvement mentioned were the time constraints, especially during practical sessions, and the need for learning material to take away to recap the sessions and fill in any gaps in understanding. Over 95% of delegates stated that they would attend another ISUOG education course.

With regards to delegates participating via satellite, 100% said they would recommend the course to a colleague, and the response to the satellite learning experience was overwhelmingly positive; over 90% said the presence of a local facilitator was productive to their learning. Some delegates encountered difficulties with video connection and quality, and suggested that recordings should be available straight away for catch up purposes.

Simulation workshops



Montréal
29

Rome
296

Vienna
35

(No. participants)

Delegate evaluation: Vienna

The 35 delegates who attended the simulation workshop responded very positively to the one-on-one training on the first simulator, especially regarding the high quality of the instructors - "As a 1st year resident in Ob/Gyne for sure the experience was challenging. I am so grateful to the trainers that really explained the basics of ultrasound and how to catch the best image." The trainees felt the aspects of the course covering the 20 + 2 Planes and practical tips on proper probe movement and optimizing images were particularly beneficial, and would positively impact their practice - "Everything in my skills has been improved. More dexterity, clearer images, fewer mistakes. This was such a well spent time."

The majority of trainees who responded found all features of the simulators beneficial to their performance, while learning aides and one-to-one training were singled out as being particularly helpful. 94% of trainees who replied would recommend the simulation training to others, with 69% of those responding either 'Very likely' or 'Certainly will'.

Areas for improvement mentioned by trainees were the length of time allotted to each trainee both for practical and one-on-one training.

Delegate evaluation: Rome

26 people attended the Transabdominal and Transvaginal Ultrasound Simulation workshops at the 2016 ISUOG Congress in Rome. Levels of practical ultrasound experience ranged from delegates who said they had no practical expertise to a few delegates who were able to perform all cases unsupervised. By the end of the 30 minute supervised training sessions all delegates were able to perform all tasks with supervision and over 50% felt able to perform the tasks with no supervision. 100% of delegates who attended the Simulation Workshops said that they would recommend ISUOG's workshops to a colleague and 84% said they would be interested in attending more practical basic training courses run by ISUOG. We received lots of positive feedback from our delegates praising the high quality of the instructors, the large amount of useful information learned and the effectiveness of the workshops overall.

100% of delegates who attended similar ISUOG Basic Training courses via satellite said they would recommend ISUOG's basic training course to a colleague and that they were happy with the quality of the speakers at the course. Over 90% of the delegates who attended the course reported that the level of training provided was appropriate for their needs and that they were interested in attending a hands-on practical ISUOG Basic Training course.

Basic Training video resource usage

Video	Views*	% viewed
The Principles of ultrasound	2,086	52
Lecture 1: The physical principles of ultrasound imaging including safety	480	45
Lecture 2: Transducers, image production, knobology and scanning planes	253	66
Lecture 3: The principles of Doppler ultrasound	407	52
Lecture 5: Quality Control processes for operators and programmes	53	56
Lecture 7: Assessing the normal and abnormal findings between 4 and 10 weeks in singleton & twin pregnancies	269	45
Lecture 8: Assessing the normal and abnormal pregnancy between 10 and 14 weeks, singletons and twins	158	42
Lecture 9: The 6-steps approach	190	56
Lecture 10a: Fetal biometry: dating, assessing size and estimating fetal weight	642	43
Lecture 10b: Distinguishing between normal and abnormal appearances of the fetal anatomy	543	50
Lecture 11: Imaging, measurement and assessment of the cervix	120	63
Lecture 13: Distinguishing between normal and abnormal fetal size and growth patterns in singletons and twins	70	45
Lecture 14: Umbilical and uterine artery Doppler studies	420	51
Lecture 15: Management of abnormal growth	124	54
Lecture 20: The 20 Planes Approach to the Mid Trimester Scan	151	54
Lecture 21: Examining Fetal Anatomy from Longitudinal Sections	47	32
Lecture 22: Distinguishing normal and abnormal appearances of the skull and brain	90	59
Lecture 23: Assessing the Neck & Chest	22	64
Lecture 23a: Examining the upper lip, face and profile	52	45
Lecture 24: Obtaining and Interpreting Heart Views Correctly	168	43
Lecture 25: Assessing the abdomen & anterior abdominal wall	16	59
Lecture 25a: Examining the uterus, cervix, ovaries and adnexae: normal findings	128	54
Lecture 25b: Examining the uterus, cervix, ovaries and adnexae: abnormal findings	139	43
Lecture 26: Distinguishing between Normal & Abnormal Appearances of the Urinary Tract	25	62
Lecture 27: Distinguishing between Normal & Abnormal Appearances of the Long Bones	21	37
Lecture 28: Making a Decision - Normal or Not?	6	16

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