



2021-2022

World Federation of Ultrasound
in Medicine and Biology

ANNUAL REPORT

Ultrasound Connection

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WFUMB

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Executive Summary

General Assembly September 2022

WFUMB activities have resumed with the postponed WFUMB 2021 congress held in May 2022 with 1109 participants from 70 countries. The congress was scientifically and financially successful. The necessity of holding committee meetings online during the pandemic demonstrated the benefits, namely, more frequent meetings with improved attendance. The attraction of meeting colleagues was reinforced at the Congress so a mixture of online and face to face meetings will continue.

WFUMB's financial position remains strong with sound investments.

During the past year WFUMB has reviewed its governance and procedures, some of which were highlighted in the independent governance survey undertaken in 2021. The survey was discussed by a specially appointed Task Force Group representing all the Federations and their recommendations passed to the WFUMB Constitutional Committee.

The WFUMB Constitution has been updated, including measures to encourage greater and more diverse participation by Federation members. Bylaw changes have been recommended for the Publications Committee to include as ex officio members all Federation Journals' Editors in Chief. New bylaws will regulate the Nominations Committee, create an Investment Advisory Committee and Complaints Committee, all designed to ensure decisions are made that comply with WFUMB's defined standards. Statements defining Conflicts of Interest, and Diversity, Equity and Inclusion have also been drafted to be more transparent for our members. All of these changes will be available on the WFUMB website along with the annual audited accounts and committee minutes.

We are hopeful that all the above changes are sufficient to persuade the American Institute of Ultrasound in Medicine (AIUM) to re-join WFUMB. The current President Elect was nominated by AIUM. Unless AIUM re-joins there will need to be a new election for the WFUMB President for 2023- 2025. The proposal is to hold the General Assembly in May 2023 for the elections to take place, rather than at WFUMB 2023 Muscat, Oman so that the current and the next President each have a two- year term.

WFUMB Administrative Manager

Lynne Rudd

Who's Who?

Executive Bureau

WFUMB
PRESIDENT



Cristina Chammas
FLAUS

PRESIDENT ELECT &
ACTING TREASURER



Jacques Abramowicz
AIUM/EFSUMB

PAST
PRESIDENT



Seung Hyup Kim
AFSUMB

VICE
PRESIDENT 1



Leandro Fernandez
FLAUS

VICE
PRESIDENT 2



George Condous
ASUM

WFUMB
SECRETARY



Sudhir Vinayak
MASU

Who's Who?

Administrative Councillors

COUNCIL MEMBER
ASUM



Karen Mizia

COUNCIL MEMBER
MASU



Douira-Khomsis Wiem

COUNCIL MEMBER
FLAUS



Antonio Carlos
Matteoni de Athayde

COUNCIL MEMBER
EFSUMB



Adrian Săftoiu

COUNCIL MEMBER
AFSUMB



Won Jae Lee

CO-OPTED
COUNCIL MEMBER



Sue Westerway

CO-OPTED
COUNCIL MEMBER



Iwaki Akiyama

CO-OPTED
COUNCIL MEMBER



Ioan Sporea

Who's Who?

Member Federations

**AFSUMB**

Asian Federation of Societies for Ultrasound in
Medicine and Biology



Yung-Liang Wan
President

**ASUM**

Australasian Society for Ultrasound in Medicine



Karen Mizia
President

**EFSUMB**

European Federation of Societies for Ultrasound
in Medicine and Biology



Christian Jensen
President

**FLAUS**

Latin American Federation of Societies for
Ultrasound in Medicine and Biology



Daniel Cafici
President

**MASU**

Mediterranean and African Society of Ultrasound



Sudhir Vinayak
President

President's Report



My report intends to give a follow up about some issues and to bring up some news. Finally, after a long period without face-to-face activities, we gradually return to our physical meetings, which is already a breath and indicates that we are returning to a life more like the one we had.

1- CONGRESS

WFUMB 2022 Timisoara, Romania

The COVID pandemic curtailed a lot of WFUMB's activities but we marked the 2021 date with a full day of ultrasound webinars which attracted a huge audience and with significant numbers subsequently viewing the international speakers' presentations which are hosted on the WFUMB website. The 2021 conference was held in person in May 2022.

WFUMB congratulates the Romanian congress organisers, Profs Ioan Sporea, Alina Popescu and Roxana Sirli who were determined to hold a physical meeting and were convinced the COVID situation would not prevent the meeting taking place. The Russian invasion of Ukraine was unforeseen and had a negative effect on the meeting numbers but despite this 1109 attended from 70 countries. WFUMB decided to record all of the speakers for the website to be viewed at leisure by all ultrasound users and for Centres of Education to use as part of their educational programme. The Congress hosted the Young Investigator competition with presentations from each of the Federations.

The joint winners of the 2000 USD prize were:

Craciun Rares – Romania (EFSUMB)

Ultrasound Guided Microwave Ablation and Transarterial Chemoembolization for Unresectable Solitary-Nodule Hepatocellular Carcinoma – a Head-to-Head Survival Comparison

And

Arun Sett- Australia (ASUM)

Lung ultrasound of the dependent lung detects real-time changes in total lung volume in a preterm lamb model

President's Report continued

The other prize winners were:

Best Oral presentation:

WFUMB

3D ultrasound versus computed tomography as ex-vivo imaging of surgical specimens – a pilot study on animal specimen

Fatemeh Makouei, Caroline Ewertsen, Tina Klitmøller Agander, Mikkel Vestergaard Olesen, Bente Pakkenberg, Tobias Todsén (Denmark)

Best e-Poster presentation:

WFUMB

Long-Term Ultrasound Follow-Up in Patients with Small Gallbladder Polyps

Malene Roland Pedersen, Peter Otto, Søren Rafaelsen

WFUMB 2023 Muscat, Oman

The programme is being compiled by the congress organisers and the website will soon be populated with information about the congress and about Oman. For those who are unfamiliar with the country we urge you to visit the website to find out more. There is a magnificent newly built Congress venue and if you can find a few days to add on to the congress in November you will discover the delights of a country with high mountains and bordering the Arabian Sea with rich Islamic architecture as well as modern buildings such as the exquisite opera house. We can be sure of a warm welcome by our Omani colleagues..

WFUMB 2025 Kyoto, Japan

Prof Iwaki Akiyama and his AFSUMB colleagues are planning for a large meeting in May 2025. Given the detailed planning that has already been undertaken we have every confidence that this will be a hugely successful scientific congress and one with a distinctive cultural flavour. Put the date in your diary.

President's Report *continued*

2 - AIUM & GOVERNANCE

AIUM advised that they would not be paying their membership fees due in early 2021 until such time as WFUMB changed its governance, culture, conflict of interest policies, representation in committees, adherence to its operational policies and bylaws and greater transparency. WFUMB decided to seek an independent review of its governance but not limiting it to AIUM's concerns; instead, to hear the views of all WFUMB Federations.

Outcomes

The report from the organisation we employed to do the audit, Association Laboratory, was overall very positive about the way that WFUMB was run but did make some suggestions for further improvement. WFUMB decided to produce a strategy to strengthen its position for all its members. **A Task Force Group** was set up to review the document and make recommendations, which included representation from AIUM. It has recommended changes to the Constitution which was presented to the Administrative Council to consider before submission to the online General Assembly for formal approval. The aim was to bring clarity to areas that were missing detail and to bring the constitution in line with current views on diversity, culture and equality.

The bylaws have also been reviewed with the inclusion of a new bylaw governing a Complaints Committee to consider all current issues of concern in our Federations.

Out of our meetings with industry at RSNA a frequent request was for **WFUMB's Strategic Plan**. We have developed a 5-year Strategic Plan which is presented to the Administrative Council for approval and will be reviewed and updated annually to reflect changes in WFUMB thinking and policy.

Another outcome of the review process is the establishment of an induction process for incoming Administrative Councillors. Not only will the current Roles and Responsibilities and Conflict of Interest policy and disclosure form be provided but hopefully a physical meeting at the congress at the time of the elections or an online meeting if circumstances require this. The idea is for the new Councillors to get to meet each other and WFUMB officers with an explanation of their important role as policy makers. WFUMB will provide advance notice of meeting dates, agenda items and papers so that Administrative Councillors can discuss issues within their Federation to come to the meetings well informed and with their Federations' perspective.

President's Report continued

3 - COMMITTEES

All of WFUMB's committees have held meetings online with excellent attendance. This is a practice that will be continued in the post-pandemic world as it has proved to be a highly effective and efficient way of carrying on committee business despite the time zones and occasional technical difficulties. However, our Congress will always be a good time for face to face meetings.

We have worked with all committees and suggested changing some points to include a co-chair or inviting members to become more productive and balanced.

Richard Barr is leading the Elastography Breast Guidelines which were awaiting publication of data to proceed. A first draft is almost complete and we hope to see these published in our journal in 2022

4 - CENTRES OF EDUCATION (COE's)

The programme of worldwide centres of education continues and the Administrative Council is asked to approve two new Centres for 2022, one in Zanzibar and the other in Nepal. This entails seven years of support for the Centre. They receive five years of 7,000 USD for visiting professor lecture visits and meeting support and a further two years support of 2,000 USD before the Centre becomes fully independent. For independent CoEs WFUMB has a list of lectures from Committee members and a Sonographer list for follow up training after a course has taken place and from which the Centres can select appropriate lectures for their needs. WFUMB approval of the expenditure is a required to ensure that the same committee members are not putting themselves forward all the time.

WFUMB is experimenting with a Mobile Centre of Education in both ASUM and MASU. The Australians' first course will be for tutors to learn about the need for cultural sensitivity in the indigenous population. MASU is of the view that the mobile concept could be useful in South Africa, Angola, Mozambique and Malawi but has no plans to initiate one immediately.

One option is to work with existing teams in Africa and WFUMB is in discussion with 'Imaging the World' which has a large educational centre in Kampala and is looking to expand into Malawi.

We are proud to have 18 Centres around the world (19 if AIUM decide to re-join WFUMB) but we need to ensure our independent CoE's are operating effectively and with equal opportunity for support from visiting professors. We believe that having a website with good quality educational material is a basic need and teaching support at courses or congresses.

President's Report continued

5 - E-BOOK 'WFUMB ULTRASOUND'

With less time spent travelling to meetings and congresses the Editors of the WFUMB Ultrasound Book led by Prof Dieter Nuernberg and Prof Roxana Sirli produced a volume of 37 chapters with 68 authors from all WFUMB federations, from 10 Centres of Education (CoEs) and from 27 different countries contributing and sharing their knowledge. The main topic is abdominal ultrasound but it also covers other areas such as thorax, vessels and thyroid. Not only does the WFUMB Ultrasound book contain fantastic images and references but also videos. This involved a lot of hard work and everyone who contributed is warmly thanked. The book is the most visited part of the WFUMB website with around 45,000 visitors in April.

6 - STUDENT WEBINARS / WEBINARS

A series of student and Ultrasound Trainee webinars has been held monthly since June covering liver, kidneys, spleen, biliary system, pancreas, GIUS, abdominal vessels and thyroid. Thanks to Prof Nuernberg and Prof Sirli and their team for hosting these events. The next series will be managed by AFSUMB and focus on Small Parts.

All WFUMB webinars are hosted on the website for viewing at your leisure and free of charge.

7 - WEBSITE

Our web administrator ensures the website is up to date with events and provides statistics for us to see the areas of most interest to our views. The Case of the Month series is provided by Caroline Ewertsen, Tobias Todsén and Jonathan Cohen and is hugely popular. This is the third most visited site and since the introduction of the 'Throwback cases' on social media a 22.7% increase in visits after posting is noted.

During the pandemic WFUMB embarked on expanding its website and has signed up with an organisation called Mighty Networks to create a community platform for anyone involved in Ultrasound to join and communicate with other like-minded individuals.

'Ultrasound Connections' brings the ultrasound community together using events, shared topics and specialties and online training courses to ignite conversation and form groups for knowledge and development of new ideas. We look forward to building this network and extending free membership to new and existing friends using web, iOS, and Android apps.

President's Report continued

8 - OPEN SOCIAL PLATFORM

Our new platform, Mighty Network, serves creators by bringing together their community, online courses, resource pages, and more, all under their brand, across the web, and native iOS and Android apps. Connect members to each other with an activity feed, sub-groups, member categories, chat messages, and more. Create articles with a rich CMS, embed images, videos and sound files, and post engaging questions and polls, all of which support comments and cheers. The costs are lower compared to competitors. (\$1,188 x €40,100 per year). Adding Costs of programming time (£1250.00/ month).

9 - FEDERATIONS

Most of the educational programmes in 2021 which have taken place have been held online. FLAUS hosted a series of PoCUS webinars and held their scientific congresses online. AFSUMB held their annual meeting as a hybrid event with online workshops in Bangladesh. ASUM focused on providing an online platform for professionals to share knowledge, seek support and share information. EFSUMB's main focus was guidelines and saw more than nine guidelines/position papers being developed with some completed in 2021. A Young Investigator session was held online and one of the winners will compete in the 2022 WFUMB Young Investigator competition in Timisoara, Romania. MASU saw the handover of the Administrative Councillor to Wiem Douira-Khoms, a paediatrician in Tunis and Hassen Gharbi step down after 30 years in WFUMB, including President 2013 – 2015. It was a privilege to present Prof Gharbi with Honorary Membership of WFUMB in Timisoara. A successful US course was held in Zanzibar with Odd Helge Gilja and Christian Nolsoe as visiting Professors combining this with a site visit for a possible future Centre of Education.

10 - FINANCES

With no physical meetings and travel, limited travel to CoEs and no congress WFUMB's finances are in a strong position.

Richard Barr is leading the Elastography Breast Guidelines which were awaiting publication of data to proceed. A first draft is almost complete and we hope to see these published in our journal in 2022

President's Report continued

11 - JOURNAL 'ULTRASOUND IN MEDICINE AND BIOLOGY'

After 15 years as Editor in Chief Christy Holland stepped down and published her last edition in December 2021. We thank Prof. Holland for her dedication to UMB. We wish her well in her future endeavours.

It is a great pleasure to welcome Prof Paul Sidhu, a Radiologist from King's College Hospital, London who served for 8 years as an editor on the EFSUMB journal Ultraschall/EJU, as the new Editor in Chief. Paul was unanimously selected by an interview panel representing all the Federations. The transition has been a smooth one with some new Associate Editors appointed to replace retiring ones. We wish Paul every success with the journal.

12 - OPEN ACCESS 'WFUMB ULTRASOUND OPEN'

The journal publisher Elsevier invited WFUMB to create an Open Access Journal. Prof Manjiri Dighe, a Radiologist from the University of Seattle, has been appointed as Editor in Chief. She impressed the interview panel with her willingness to take on the challenge of persuading authors to publish in a new journal. Manjiri will work closely with UMB as an Associate Editor and with the support of Elsevier providing free vouchers for publications in the early years.

13 - PARTNERSHIPS AND COLLABORATIONS: ISUOG, WFPI, IFMSA, ITW, ICUS, WHO, ISR

Working with partners and sharing resources is an effective tool. WFUMB has a Memorandum of Understanding (MoU) with the International Society for Ultrasound in Obstetrics and Gynecology (ISUOG) to trial joint basic ob/gyn training in three of WFUMB's CoEs – Fiji, Moldova and Paraguay. Unfortunately, the pandemic halted this training. We have signed a Memorandum of Understanding (MoU) with the World Federation of Pediatric Imaging (WFPI) to co-ordinate our efforts in terms of pediatric safety research, to share lecturers at meetings and website resources. We have proposed a MoU with 'Imaging the World' as we have shared objectives in Africa and a proposed MoU with the International Federation of Medical Students Associations (IFMSA) which has an amazing 1.2 million student members. ICUS and WFUMB have forged closer links sharing website material.

President's Report **Report** *continued*

14 - FINAL WORDS

I would like to take this opportunity to remember all about our processes. Everything must be respected and follow our established flow, as requests support for lectures, request professors/ speakers, COE travels, reimbursements.

Another important reminder is that each member of the committees and the Administrative Council must pass on to their respective federations the resolutions being taken at the WFUMB and how we can collaborate among all the sister federations.





Secretary's Report

CURRENT MEMBERSHIP	2022	2021	2020
AFSUMB	22,731	22,731	
AIUM	UNPAID	UNPAID	
ASUM	2,198	2,010	
EFSUMB	15,677	15,037	
FLAUS	4,196	4,196	
MASU	700	700	
TOTAL	45,542	45,494	(54,357)

MATTER OF FACTS

1

We are represented on all continents (except North America currently)

2

Over 90 countries have societies that indirectly are subscribed to WFUMB

3

There are 19 established COEs with proposals for two new centres in 2022

4

2021/2022 meetings have been held successfully online but meeting in person in Timisoara was highly enjoyable for the first time in over three years!

5

The Collaboration Committee was able to meet with industry and partners at RSNA in 2021 with over 15 meetings in two days

6

Outcomes from these meetings has been the creation of the 5-year strategic plan – something industry has been asking for and will be provided to them with the updated brochure of WFUMB activities



Acting Treasurer's Report

Jacques Abramowicz gave an overview of the role of the Treasurer to the Administrative Council in May as defined in the Constitution: preparing the budget, producing financial reports, verifying reimbursements, overseeing the tax return and Form 990, overseeing investments.

Merrill Lynch and Raymond James have seen a steady growth. Reserves are around 582,000 USD. An investment policy statement is work in progress. Following the AC meeting it was agreed that a Investment Advisory Committee should be asked to approve the WFUMB Risk strategy as supplied to ML and RJ and that this should not be left to the Treasurer. Following this discussion WFUMB proposes a Bylaw for such a committee for online voting at the General Assembly.

The rules for reimbursement were discussed and included in approved expenditure for reimbursement is insurance annual or per trip. JA recommended DIVERS Network which he believes offers insurance to non-USA residents. Committee members were reminded that only economy travel is reimbursed and that the economy fare should be shown at the time of booking if another class of travel is purchased. In this case there is an allowance of 250 USD per 6-hour journey leg as long as this does not exceed the payment actually made.

The budget for 2023 was viewed and the new items noted – an increase for the web administrator with the new social platform and congress video uploads, plus a sum for all Federations to support Young Investigator sessions. The budget was approved.

The 2021 independent accounts audit was approved for signature.

To view the WFUMB Annual Tax Return and the IRS Form 990 please [click here](#) or visit <https://wfumb.info/wfumb-tax-returns/>



June 17, 2022

To the Administrative Council
World Federation for Ultrasound in Medicine and Biology
London, United Kingdom

Dear Administrative Council:

We have audited the financial statements of the World Federation for Ultrasound in Medicine and Biology (the Federation) for the year ended December 31, 2021, and have issued our report thereon dated June 4, 2022. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. Professional standards require that we communicate the following information related to our audit.

The American Institute of Certified Public Accountants (AICPA) has established the requirement for independent auditors to communicate certain matters related to the conduct of each audit to those who have responsibility for oversight of management's financial reporting process.

Specific areas to be communicated are as follows:

- Our Responsibility under Auditing Standards Generally Accepted in the United States of America
- Planned Scope and Timing of Audit
- Other Information in Documents Containing Audited Financial Statements
- Significant Accounting Policies
- Accounting Estimates
- Difficulties Encountered in Performing the Audit
- Corrected and Uncorrected Misstatements
- Disagreements with Management
- Management Representations
- Consultation with Other Independent Accountants
- Issues Discussed Prior to Retention of Independent Auditors

Other comments regarding these matters, as they relate to the December 31, 2021 audit of the Federation, are presented in the attachment to this letter. We will be pleased to review these items with you at your request. This report is intended solely for the information and use of the Administrative Council, Executive Bureau, and management of the Federation and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink that reads "UHY LLP". The signature is written in a cursive, stylized font.

Columbia, Maryland

Attachment

World Federation for Ultrasound in Medicine and Biology

Our Responsibility under Auditing Standards Generally Accepted in the United States of America

As stated in our engagement letter dated February 8, 2022, our responsibility, as described by professional standards, is to express an opinion about whether the financial statements are fairly presented, in all material aspects, in accordance with accounting principles generally accepted in the United States of America. Our responsibility is to plan and perform our audit to obtain reasonable, but not absolute, assurance that the financial statements are free of material misstatements. Our audit of the financial statements does not relieve management of your responsibilities.

As part of our audit, we considered the internal controls of the Federation. Such considerations were solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

Planned Scope and Timing of Audit

We performed the audit according to the planned scope and timing previously communicated to you in various meetings, emails, and phone discussions. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit involved judgment about the number of transactions examined and the areas tested.

Other Information in Documents Containing Audited Financial Statements

Our responsibility for other information not accompanying the financial statements but contained in annual reports that include your financial statements and our audit opinion does not extend beyond the financial statements identified in our opinion, and we are not required professionally to perform any procedures to corroborate other information contained in such documents.

No documents containing financial information were brought to our attention by management for the year ended December 31, 2021.

Qualitative Aspects of Accounting Practices

Management is responsible for selection and use of appropriate accounting policies. The significant accounting policies used by the Federation are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2021. We noted no transactions entered into by the Federation during the year that were both significant and unusual, and of which, under professional standards, we are required to inform you, or transactions for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the financial statements were the functional allocation of expenses between programs, services, and supporting services. For all significant

estimates made by management, we have evaluated the reasonableness of the key factors and assumptions used to determine that the estimates are appropriate in relation to the financial statements of the Federation taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. An audit adjustment may or may not indicate matters that could have a significant effect on the Federation's financial reporting process (that is, cause future financial statements to be materially misstated).

UHY proposed material corrected misstatements of the financial statements; see the attached list of adjusting journal entries. There were no waived audit adjustments.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" in certain situations. If a consultation involves application of an accounting principle to the Federation's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to acceptance as the Federation's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

List of Adjusting Journal Entries for 2021 Audit

Client: 55007042 - World Federation for Ultrasound in Medicine and Biology
 Engagement: 12/21 AUD - World Federation for Ultrasound in Medicine & Biology
 Period Ending: 12/31/2021
 Workpaper: 2040 - Adjusting Journal Entries Report

Account	Description	Debit	Credit
Adjusting Journal Entries			
Adjusting Journal Entries JE # 1			
to correct net assets beginning balance to match prior year audited balance, and to correct AP balance			
2000	Accounts Payable	4,486.00	
2000	Accounts Payable	199.00	
3001	Unrestricted Net Assets		4,486.00
5405	Administration:Operating Expenses:Supplies		199.00
Total		<u>4,685.00</u>	<u>4,685.00</u>
Adjusting Journal Entries JE # 3			
UHY reclass: To reclass salary expense to management fees, since WFUMB has no payroll, and Lynne Rudd is still a consultant in their CY.			
5404	Administration:Operating Expenses:Management Fee	6,562.00	
5414	Administration:Operating Expenses:Salary Expense		6,562.00
Total		<u>6,562.00</u>	<u>6,562.00</u>
Adjusting Journal Entries JE # 4			
reclass			
4002	UMB Royalties:UMB Royalties	40,000.00	
4008	UMB Royalties:UMB Contract Signing Bonus		40,000.00
Total		<u>40,000.00</u>	<u>40,000.00</u>
Adjusting Journal Entries JE # 5			
Record editorial fees and revenue per the contract			
5803	Journal Editor:Editor-in-Chief Compensation	213,405.00	
4009	UMB Royalties:UMB Editorial Fees		213,405.00
Total		<u>213,405.00</u>	<u>213,405.00</u>
Adjusting Journal Entries JE # 6			
Record royalty due for 2021 per Elsevier			
1200	Accounts Receivable	68,759.00	
4002	UMB Royalties:UMB Royalties		68,759.00
Total		<u>68,759.00</u>	<u>68,759.00</u>
Adjusting Journal Entries JE # 8			
record accrued interest on Raymond James since recorded in prior year to investments.			
1500	Raymond James investments	4,541.00	
4101	Investments:Dividend, Interest (Securities)		4,541.00
Total		<u>4,541.00</u>	<u>4,541.00</u>
Adjusting Journal Entries JE # 9			
adjust earnings to match reconciliation schedule			
4102	Investments:Realized Gain (Loss)	23,663.00	
5405	Administration:Operating Expenses:Supplies	1.00	
4107	Investments:Unrealized Gain (Loss)		23,663.00
4108	Investment fees		1.00
Total		<u>23,664.00</u>	<u>23,664.00</u>



June 17, 2022

To the Administrative Council
World Federation for Ultrasound in Medicine and Biology
London, United Kingdom

In planning and performing our audit of the financial statements of World Federation for Ultrasound in Medicine & Biology (the Federation) as of and for the year ended December 31, 2021, in accordance with auditing standards generally accepted in the United States of America, we considered the Federation's internal control over financial reporting (internal control) as a basis for designing auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the consolidated financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Federation's internal control. Accordingly, we do not express an opinion on the effectiveness of the Federation's internal controls.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as discussed below, we identified certain deficiencies in internal control that we consider to be material weaknesses.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the Organization's financial statements will not be prevented, or detected and corrected, on a timely basis. We have reported the material weaknesses in the accompanying Exhibit. We have also included suggestions for improving operational efficiencies and best practices.

We would like to take this opportunity to express our appreciation for the assistance provided to us during our audit, and we look forward to working with you in the future. This communication is intended solely for the information and use of management, Administrative Council, and others within the Federation and is not intended to be and should not be used by anyone other than these specified parties.

Respectfully submitted,

A handwritten signature in blue ink that reads "UHY LLP". The signature is written in a cursive, stylized font.

Columbia, Maryland.

**WORLD FEDERATION FOR ULTRASOUND IN MEDICINE AND BIOLOGY.
MANAGEMENT LETTER COMMENTS AND RECOMMENDATIONS
Year ended December 31, 2021**

Material Weakness:

Improve Annual Closing Procedures and Financial Reporting

During the audit for the year ended December 31, 2021, the trial balance presented at the beginning of the audit was revised significantly to account for the following adjustments:

- record editorial fees and revenue and corresponding editor expense for \$213,405.
- record accounts receivable for the 2021 royalties due for \$68,759.
- Reclass realized gains to unrealized gains for \$23,663. and record accrued investment earnings of \$4,541 to agree to the investment statement.
- Reclass salary expense for one month to management fee for consistent presentation.
- Reclass contract signing bonus to separate line item for reporting purposes.

We believe that an improved annual closing process and a review of internally generated financial statements before the audit starts would expedite the year-end audit process and improve the accuracy of the financial reporting.

WFUMB five-year Strategic Plan 2022-2026



Aim: to encourage education in the field of ultrasound, to promote international cooperation and to bring sustainable ultrasound services to the underserved areas of the world to improve global healthcare



Values and Philosophy Ultrasound plays an essential role in diagnosis and treatment for all specialties. All patients who might benefit should have this available, delivered safely and skilfully. WFUMB is committed to the highest ethical and professional standards of governance and using resources for the greatest benefit.

Constitution Committee Report



The Constitution Committee deliberated the various recommendations of the Task Force Group and the Open Letter from AIUM of May 2021 but went further and proposed additional items for approval. The remit was for WFUMB decision making to be committed to the highest standards of governance, accountability, and responsibility. For WFUMB to implement fair and transparent decision-making, nomination, and election processes and commits itself to disclose and consider possible conflicts of interest in nominations, elections, and decisions. In the practical implementation of its objectives, WFUMB respects the diversity of its members including professional, national, ethnic, cultural and gender backgrounds.

All revised documents are available in Dropbox and we invite you to read them by clicking on the link below:

<https://www.dropbox.com/sh/3xsefvagez5x4m2/AAAFIFqYK15maRiULriM8dqZa?dl=0>

- 1. WFUMB Constitution updated following the Task Force Group review**
- 2. Amendment of Publication Committee Bylaw to include the Editors in Chief of the Federations' Journal**
- 3. Complaints Committee Bylaw**
- 4. Nominating Committee Bylaw**
- 5. Investment Advisory Committee Bylaw**
- 6. WFUMB Conflict of Interest Policy**
- 7. WFUMB's Diversity, Equity and inclusion document**



Publications Committee Report

The Publications Committee considered the Editor in Chief advertisement and job description for the Elsevier proposed sister journal to Ultrasound in Medicine and Biology (UMB). An interview panel appointed Prof Manjiri Dighe, Radiologist from University of Seattle, as Editor in Chief and again the Pub Comm helped in the contract proposal and with the Aims and Scope of the Journal. A vote took place for the preferred name for the journal and WFUMB Ultrasound Open was the preferred option. Prof Dighe has been appointed an Associate Editor of UMB by Editor in Chief, Prof Paul Sidhu.

Prof Dighe will be an ex officio member of the Committee along with the UMB Editor in Chief, Paul Sidhu and we look forward to working closely with them both to support WFUMB's journals. The Pub Comm has members experienced in setting up and running an Open Access journal and will share their experiences to support the new editor.

The website has been continually updated during the pandemic and the WFUMB Case of the Month attracts new and regular visitors. The case Editors, Carole Ewertsen, Tobias Todsén and Jonathan Cohen awarded two prizes of free congress registrations for WFUMB 2022 for the best submissions over the last year. This will be repeated for WFUMB 2023 Muscat, Oman. The WFUMB Newsletter ECHOES is now published four times a year which includes mailing to Federations and individuals who have signed up, a list which currently numbers 13,204

The Committee met physically at WFUMB 2022, with a zoom link for those unable to attend, and discussed, among other items, various guideline options that will include Multiparametric Ultrasound of the Liver and a review of existing guidelines that need to be updated. In addition, dermatological ultrasound procedure guidance including cosmetic US will be discussed. To help avoid guidelines duplication within the Federations the Committee proposes to invite the Federation Journal Editors as ex officio members of the Pub Comm. This will involve Ultraschall/EJU EFSUMB Editor Vito Cantisani, Journal of Medical Ultrasound AFSUMB's Editor (to be advised), AJUM ASUM Editor Gillian Whalley, and (hopefully) JUM AIUM's journal Editor Richard Barr.



Safety Committee Report

Safety Committee Report

WFUMB AC Meeting
May 26, 2022

1

World Health Organization (WHO)

- Recent publication with Dr. Abramowicz as our representative.
- Tinker R, Abramowicz J, Karabetsos E, Magnusson S, Matthes R, Moser M, Hiu S, O'Hagan JB, van Deventer E. A coherent framework for non-ionizing radiation protection. *J Radiol Prot.* 2022, 42;010501. PMID: 34801993

3

International Commission on Non-Ionizing Radiation Protection (ICNIRP)

- Dr. Abramowicz is working as member of Ultrasound Expert group of ICNIRP to produce document on airborne ultrasound.

5

International Contrast Ultrasound Society (ICUS) Policy Statement Supporting Established Safety Record of Ultrasound Contrast Agents and Continued Use Where Medically Appropriate

7

Members

- Safety Committee Chair: Brian Fowlkes
- Safety Committee Advisor: Yusuf Sayeed
- Safety Committee Advisor: Waki Akiyama
- Safety Committee Advisor: Andrzej Abramowicz
- Safety Committee Advisor: Karen Mizler
- Safety Committee Advisor: Antonio C. McFerraro do Athayde
- Safety Committee Advisor: Carsten Morjan
- Safety Committee Advisor: David Khamis Wilan
- Safety Committee Advisor: Gal Tei Hsiar
- Safety Committee Advisor: Alina Deljak

2

WHO

PAPER
A coherent framework for non-ionising radiation protection

OPEN ACCESS
14 September 2022

KEYWORDS: non-ionising radiation, radiation protection, framework

4

International Contrast Ultrasound Society (ICUS)

Other Safety Statements

Safety Statements from other organisations ...

6

Links to Federation Safety Statements

Federation Safety Statements

Safety Statements from our Federation Members ...

- EFSUMB: EFSUMB Safety Statements of Guidelines - [efsbm.org](#)
- ASUM: ASUM Standards of Practice and Safety - [asum.org](#)
- WFUMB: WFUMB Safety Statements - [wfumb.org](#)

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Safety Committee Report continued ...

New Projects

- Comprehensive review of international safety statements
 - Review of current WFUMB safety statements
 - CEUS
 - Clinical
 - Therapeutic and Cosmetic
 - Elastography
 - Compile statements from the Federations and other sources
 - Determine commonalities and discrepancies
 - Recommend potential revisions or new statements



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New Projects

Organization	Type	Year	Title
WFUMB	Safety statement	2020	WFUMB Position Statement: How to perform a safe ultrasound examination and obtain equipment in the context of COVID-19
WFUMB	Safety guideline	2017	Guidelines for Clinical, Therapeutic, Ultrasound: 21 practicals between federations
AIUM	Safety guideline	2017	Guidelines for Diagnostic Ultrasound: 21 practicals
EFUMB	Safety recommendations	2020	Guidelines for Diagnostic Ultrasound: 21 practicals between federations
EFUMB	Safety guideline	2020	WFUMB Safety Committee's compiled information on safe performance of ultrasound exams and destination issues in context of COVID-19
AIUM	Safety guideline	2021	Guidelines for Clinical and Therapeutic Ultrasound: 21 practicals between federations and equipment between federations as well as safe handling and use of Ultrasound Cleanable but
Statement of Intent (SOL) Educational Issues			
EFUMB	Safety statement	2021	Guidelines for Diagnostic Ultrasound: 21 practicals between federations
AIUM	Safety statement	2020	Guidelines on Diagnostic Ultrasound Educational Activities Using Remote Learning Platforms
WFUMB	Safety statement	2020	Guidelines for Clinical and Therapeutic Ultrasound: 21 practicals between federations
Research papers			
EFUMB	Safety statement	2019	WFUMB Statement on the Safe Use of Diagnostic Ultrasound in the Context of COVID-19
WFUMB	Safety statement	2019	WFUMB Statement on the Safe Use of Diagnostic Ultrasound in the Context of COVID-19

Compilation currently links to 57 different statements divided into 9 categories.
Special thanks to Dr. Ozturk for his efforts.



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New Projects

Ocular Ultrasound

Review of Bioeffects and Safety, Including Fetal and Point of Care Perspective

Jacques S. Abramowitz, MD, Richard Adkins, MD, MS, Ellen Dickinson, MD, Judy A. Eiring, MD, Gerald R. Evans, PhD, J. Jaime Alvarez, MD, Ronald H. Silverman, PhD, Lindsay A. Taylor, MD, Richard G. Sims, MD, PhD

J Ultrasound Med 2021 Nov 1. doi: 10.1002/jum.15864.

Ultrasound for Aesthetic Applications

A Review of Biophysical Mechanisms and Safety

Kenneth B. Rader, PhD, Ender Rafi S. Makin, MD, PhD, Jacques S. Abramowitz, MD

Biophysical Committee of the American Institute of Ultrasound in Medicine

J Ultrasound Med 2021 Oct 28. doi: 10.1002/jum.15856.

* <https://www.aium.org/officialStatements/75>

Planning safety statements based on these publications.



11

Joint ECUMS/WFUMB Safety Committee Meeting and Safety Session

- Proposed by Christian Kollmann (ECUMS Safety Chair) for during WFUMB / EUROSON 2022
- Joint Safety Meeting of both committees
 - Interest in development of joint statements
- Joint Safety Session



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Joint ECUMS/WFUMB Safety Committee Meeting and Safety Session

Time	Topic	Speaker
13:30 - 13:00	SSE ECUMS Session	Christoph Kollmann, Sheri Fowler
	The Safety of Medical Ultrasound - an overview by the ECUMS Safety Committee	Carmel Moran
	Development of International Standards for Ultrasound: shear wave elastography equipment	Klaus V. Jenderka
	Current issues in Medical Ultrasound Safety	J Brian Fowler
	Bioeffects of 100kHz tissue exposed to acoustic radiation force impulses	Jessie Akhija
	Interactive Safety Quiz for Users	Christian Kollmann



New Projects

- Joint statement on inflated or misleading specifications by manufacturers
 - Initially reported to WFUMB AC by Dr. Abramowicz in the Safety Committee report on March 25, 2021 based on IEC liaison activity.
 - Draft in development through joint effort between the AIUM Technical Standards Committee and the Medical Imaging & Technology Alliance (MITA)
 - Statement to be considered by WFUMB for international endorsement.




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New Projects

- Joint safety statement with World Federation of Pediatric Imaging (WFPI)
 - Concern has been expressed that scanning of the neonatal brain is performed frequently and perhaps without due consideration of safety.
 - Working to establish joint drafting effort
- New Technologies Safety Symposium
 - Previous symposium in 2007
 - Subsequent emergence/evolution of new technologies such as
 - Shear wave
 - Extensive use of 3D/4D
 - Photoacoustic imaging
 - Super-resolution imaging
 - Proposal to be made to WFUMB AC for symposium with consideration of live and/or virtual event



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Education Committee Report



The Education Committee and its different working teams or branches, have had a productive activity during the recent period. With the cooperation of an important group of colleagues from various countries representing the different Federations grouped in WFUMB, plans, projects and programs have been developed and are being successfully executed in the different continents.

Center of Education (CoE) TFG

The WFUMB CoE TFG had one meeting in October 2021 and in 20/4 2022. Furthermore, we arranged 2 meetings 16-17 of December on experiences with the hand-held devices that WFUMB has provided for the CoEs.

The proposal of Mobile CoEs under the leadership of ASUM & MASU has been accepted by the ExB. A five-year plan has been agreed to test these two regions with 5,000 USD. A short list of Flying Faculty (lecturers) will be provided but local experts will be used depending on the topics to be promoted.

We have considered establishing a possible new CoE at Zanzibar, Tanzania with 2 ultrasound courses and lots of meetings with local staff at Mnazi Mmoja Hospital (MMH) close to Stone Town, Zanzibar. The local contact is radiologist Dr. Mohamed A. Said at MMH, who together with an Interim Board of 8 people, is keen to establish a CoE. They plan first to inaugurate a new Zanzibar ultrasound society in 8 December 2022.

Subsequent investigations with World Medical Colours has revealed a greater need on mainland Tanzania in Dar es Salaam with two directors identified within the Tanzanian Radiological Society, Drs Dharsee and Kadija (trained in ultrasound by WMC) for a new WFUMB CoE. WFUMB will work with other experienced organisations in Zanaibar, WMC, WFPI and RadAid.

Tanzania and Nepal are the 2 proposed locations for new WFUMB CoE candidates of 2022. For 2023, the CoE TFG suggests Guatemala and Georgia as the most promising candidates.

Education Committee Report continued ...

Students' Education TFG

An online one-day WFUMB Student course of abdominal ultrasound was organized by Dieter Nurnberg and Tudor Moga, with the support of WFUMB COE Timisoara, on the 27 May 2021.

It was followed by monthly Students' webinars organized by WFUMB/EFSUMB, covering various topics, starting from Basic Ultrasound, continuing with the ultrasound examination of various abdominal organs, vascular US, the last webinar on the 7 May 2022 regarding Thyroid US. All webinars include lectures by experts in US, the presentation of a scientific paper by a student, as well as a US quiz organized by students. All the presentations are available for free download from the WFUMB website. The attendance ranged from 30 to more than 150 participants, mainly from Europe, but also from Asia, Australia and Africa. A change of schedule to Saturday noon (Europe time) was made, as well as mandatory preregistration was requested to improve the attendance.

At the last Students education TF meeting, from the 21 January 2022, it was decided to continue with the students' webinars and to annually rotate the organization. In April 2022, Prof. Yi-Hong Chou offered to host the next webinars, starting from September 2022.

A successful WFUMB Student Ultrasound Congress, initiated by Prof. Nurnberg and planned initially for 2021, was held in conjunction with WFUMB 2022 in Timisoara, Romania, including lectures, as well as hands-on sessions. WFUMB ExB agreed to support the travel arrangements for students to this meeting to an amount of 2,000 Euro.

We successfully contacted the International Federation of Medical Students Association that expressed their availability to collaborate and promote the WFUMB students' educational activities. The Memorandum of Understanding has been signed and IFMSA has requested an ultrasound handbook from WFUMB for students to complete on their electives.

E-learning TFG

The main focus has been on the interactive case of the month. Each 2 weeks an image from a previous case and a question are posted on Facebook and other social media and people are forwarded to the original case on the website for the answer to the question.

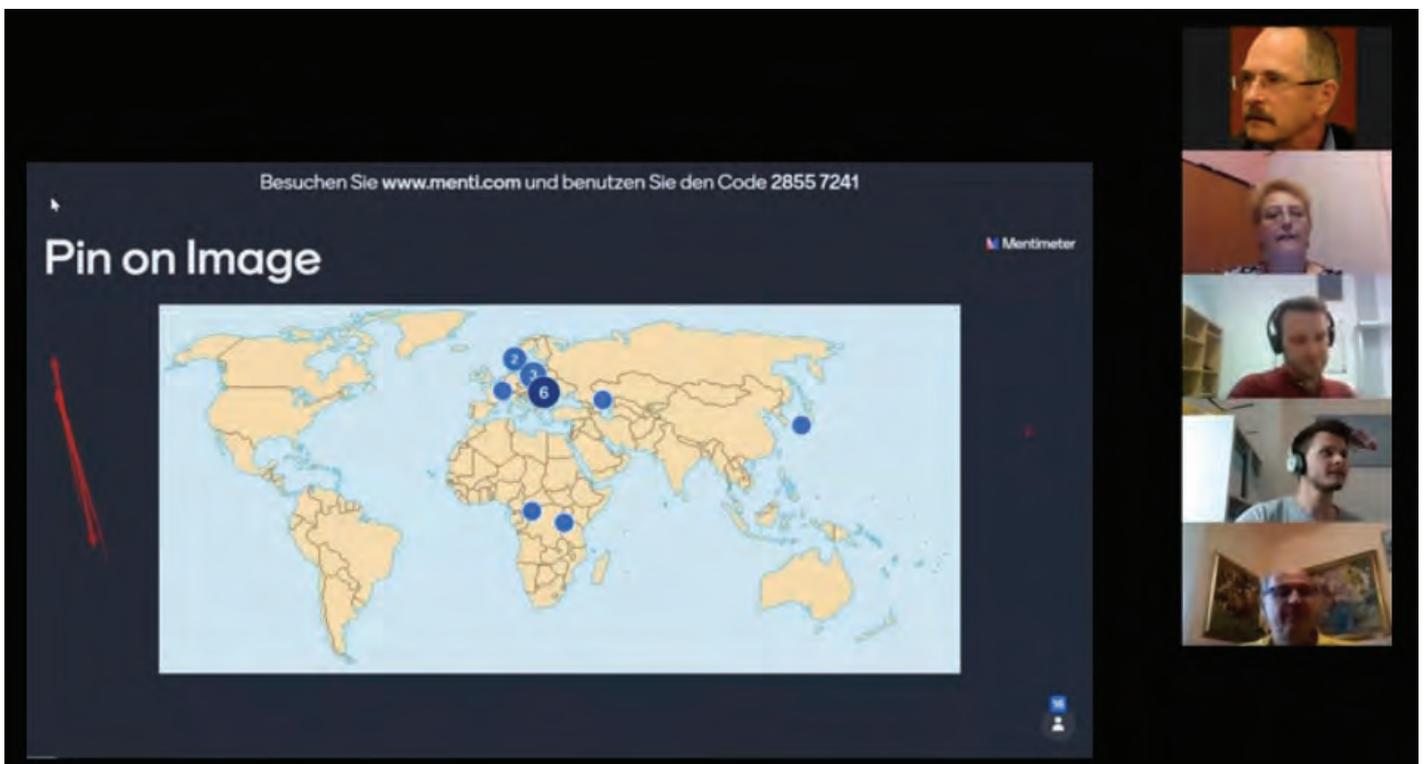
Education Committee **Report** continued ...

The number of visitors has increased. It is necessary to increase the number of cases, therefore it is necessary to stimulate our affiliates to send interesting, illustrative and educational material.

The webinars planned have been successfully finalized. Another webinar on POCUS is planned for September 2022.

Conclusions

The different Task Force Groups maintain a constant activity in favor of the dissemination of ultrasound around the world, in order to contribute to ultrasound education. These activities, in addition to improving the technical and scientific quality of our affiliates, have a direct impact on better diagnoses and, ultimately, improve the quality of life of patients in all countries on our planet.





Collaboration Committee Report

ARAB Health 2021

- A decision was taken not to attend this meeting but we are planning to attend in 2022 as this will be the opportunity to visit vendors from the region whose focus is Asia, Middle East and Africa with the aim of encouraging sponsorship of WFUMB 2023 Muscat, Oman.

RSNA 2021

- Some of the Collaboration Committee members met in Chicago which was a significantly reduced congress but we scheduled meeting with Siemens, Philips, GE, Samsung, WFPI, Mindray, Bracco, ISR, Germintec, Fujifilm. With smaller numbers attending we experienced a more productive environment for discussion and received offers for website support from Bracco and discounted prices should WFUMB proceed with purchasing handheld devices for Centres of Education (CoE).
- All industry requested a WFUMB Strategic Plan and a list of upcoming CoE courses for sponsorship or loan of machines.
- Other meetings took place online e.g. with Imaging the World.
- We had the great pleasure of seeing Seung H Kim being awarded Honorary Membership of RSNA.

Outcomes

- Siemens offered systems at cost and demonstration units – Juniper (14 k) most versatile.
- Germintec expressed an interest in future collaboration.
- Philips interest in supporting webinars e.g. breast elastography and open to request for reduced price Lumify for our COEs.
- GE V-Scan could be donated for COE/Mobile COE but need to know quantity and interested in loan agreement and interest in possible HHUSD review publication.
- Mindray proposed a COE at their Educational HQ in Shenzehn under Pintong Huang as a possible Director and sponsoring events and reduced priced machine. We felt this would be a conflict of interest.



Congress Committee Report

The members of this Committee are Iwaki Akiyama, Karen Mizia, Antonio Matteoni, Sudhir Vinayak and Ioan Sporea, as chair of the Committee.

During the last year the Committee had two virtual meetings (via zoom), for the preparation of the future WFUMB meeting, namely Muscat, Oman 2023. During the meetings we discussed with the local organizing Committee about the venue (inspected in January 2020), the appointment of the Professional Congress Organisers (PCO) about the potential budget, about the potential participants (from which regions mainly) and about the scientific program. Regarding the scientific program we made suggestions, forwarding the draft of the scientific program from WFUMB Timisoara.



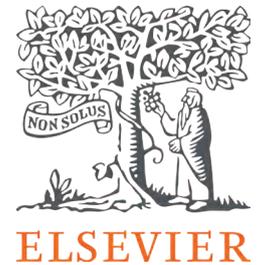
Congress Committee **Report** continued ...

During the last meetings of the Committee, the president of the next meeting in Muscat, Oman, Dr. Saqar Altai, presented the team that will be involved in the local organization of the meeting. Recent meetings involved meeting the PCO, InfoPlus, discussing sponsorship, the structure of the budget and the website. The Oman Society of Ultrasound has developed an outline programme. Dr. Saqar Altai convinced us that the team behind the meeting in Muscat is well trained for a good and successful meeting next year, bearing in mind there is only 18 months between WFUMB 2022 and the Muscat meeting. A potential number of invited speakers was discussed.

Last year, the contract for WFUMB 2025 Kyoto, Japan, was signed by Tsuyoshi Shiina, the president of the Japanese Society of Ultrasound (JSUM). They have already started to prepare the meeting. Prof. Iwaki Akiyama presented the proposed budget for Kyoto 2025.

All the meetings of the Congress Committee were followed closely by our president, Cristina Chammas, who is very involved in all discussions.





Elsevier Statement

Preparation for the WFUMB Assembly (AIUM request to WFUMB)

The AIUM requested that WFUMB formally recognize, adopt, and operate its journal in accordance with the International Committee of Medical Journal Editors (ICMJE).

WFUMB together with Elsevier, the publisher of the UMB journal owned by WFUMB, have evaluated the ICMJE guidelines and have the following observations

General statements

1. The Lancet (published by Elsevier) is a member of ICMJE
2. Many journals published by Elsevier are not ICMJE members but report that they follow the ICMJE's Recommendations
3. It is WFUMB's choice to become a member of the ICMJE or to follow the ICMJE's recommendations

Specific UMB statement

4. UMB follows ICMJE recommendations in most cases, however, a few gaps were identified and will be added to the Guide for Authors (GfA) or production workflow to meet all the recommendations
 - Inclusion of diversity statement in the (GfA)
 - UMB is added to the list of Elsevier's journals committing to "Inclusion & Diversity" pledge
 - Inclusion in the GfA of compulsory data statement encouraging data sharing
 - Conflict of Interest statement from the reviewers

Latest Update

- A common trend that submissions are lower post covid (2021 & 2022). The numbers vary greatly from journal to journal.
- UMB had 995 submissions in 2021, 617 submissions in 2022 YTD. UMB has published 319 in 2021 and 158 in 2022 YTD.
- Most submissions are coming from China, USA, Japan, Turkey and most accepted manuscripts are from USA, China, UK, Japan in 2022 YTD
- Rejection rate is 72% 2022 YTD
- Open access article in 2021 (49) in 2022 YTD (34)
- Downloads and pages views 446,751 in 2021, 290,289 in 2022 YTD, USA followed by China, UK, Japan
- Growth in submission is -9.4%, in acceptances -20% 2022 YTD



ELSEVIER

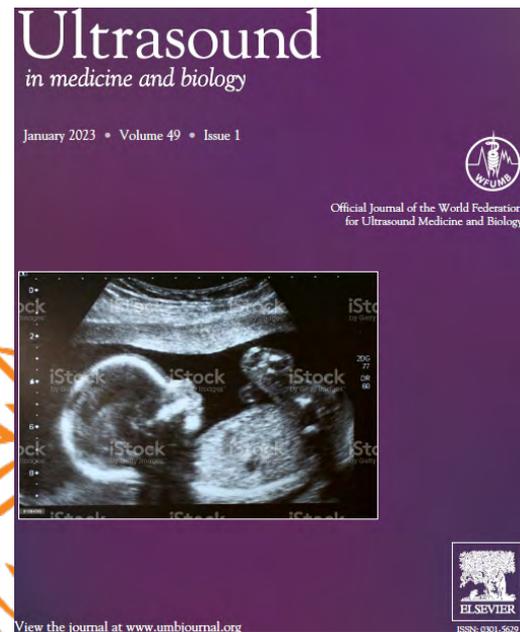
New Re-designed cover & TOC

Ultrasound in Medicine and Biology

Journal Update, Confidential

Presented by: Dr. Elena Herzog

Date: 2022-09-02



View the journal at www.umbjournal.org

Ultrasound
in medicine and biology

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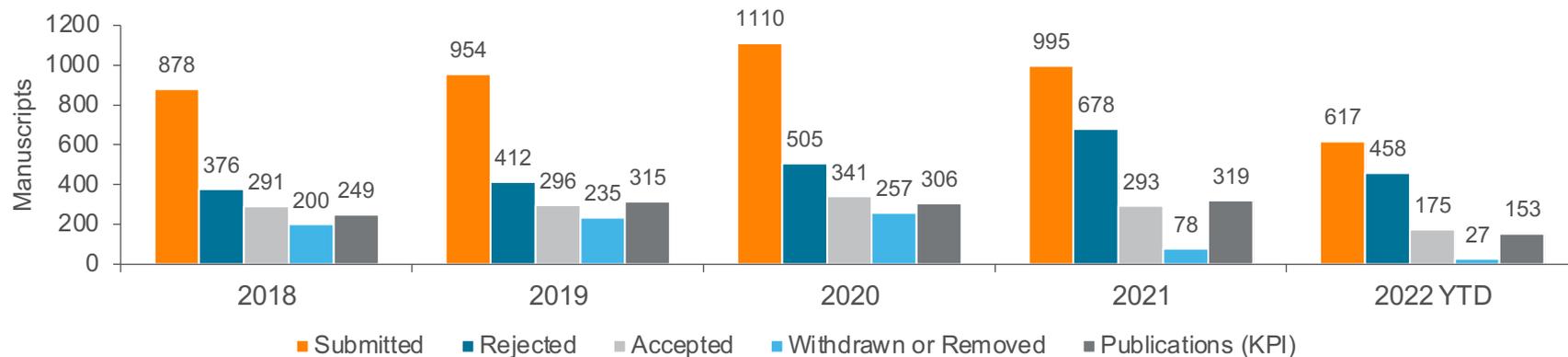
Associate Editor for Clinical Applications of Ultrasound
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Associate Editor for Clinical Applications of Ultrasound
Mark L. Palmeri, Duke University, Durham, NC, USA

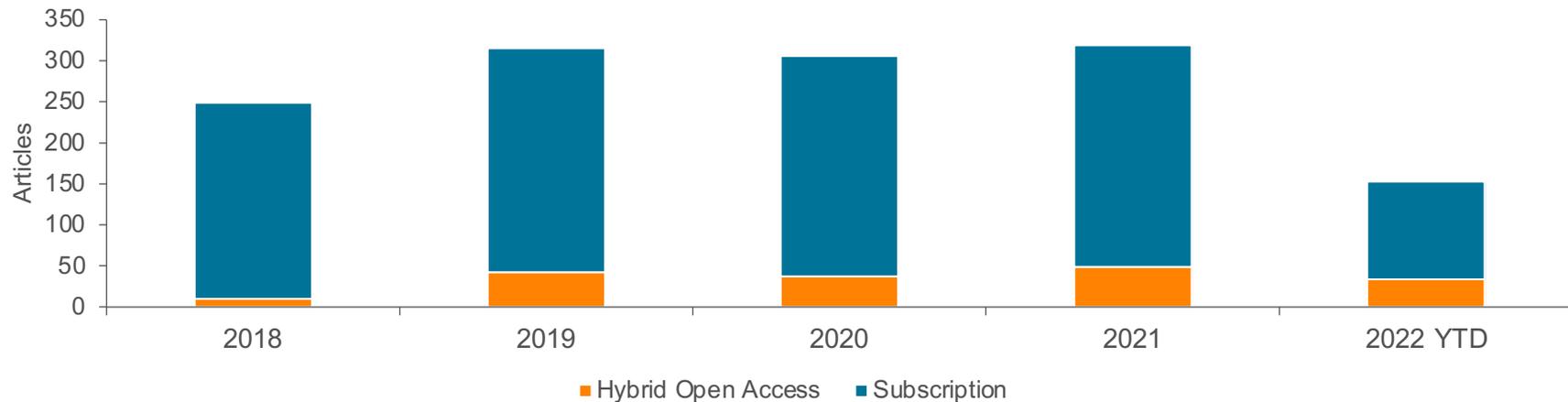
Associate Editor for Drug Delivery and Therapeutics
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Submitted Manuscripts & Editorial Outcomes



Published Articles by Access Type



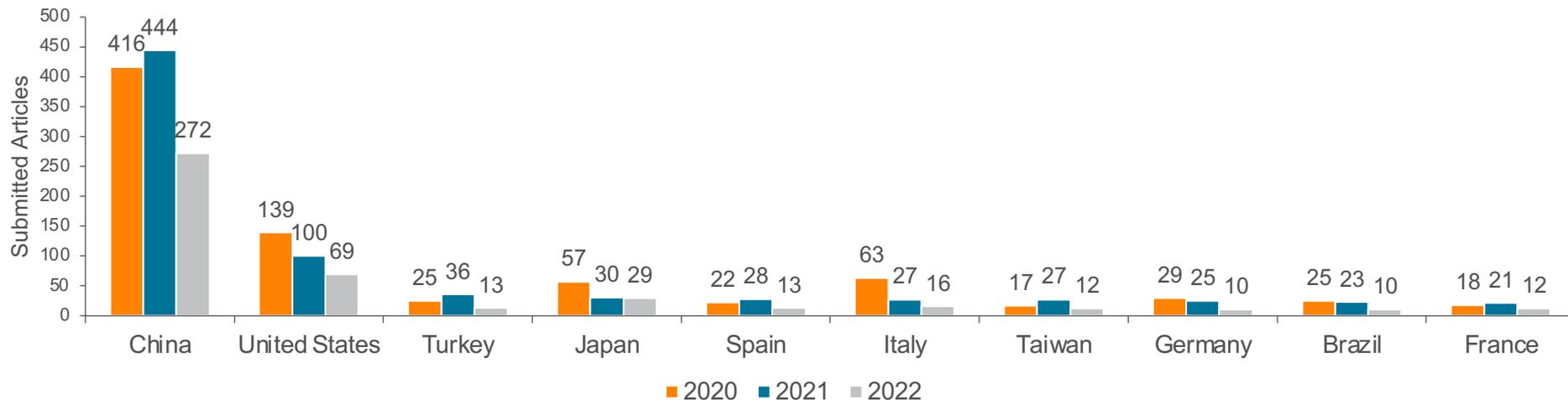
Access Type	KPI Articles	2018	2019	2020	2021	2022 YTD
Hybrid Open Access	Y	10	42	37	49	34
Subscription	N	8	21	16	19	11
Subscription	Y	239	273	269	270	119
Total		257	336	322	338	164



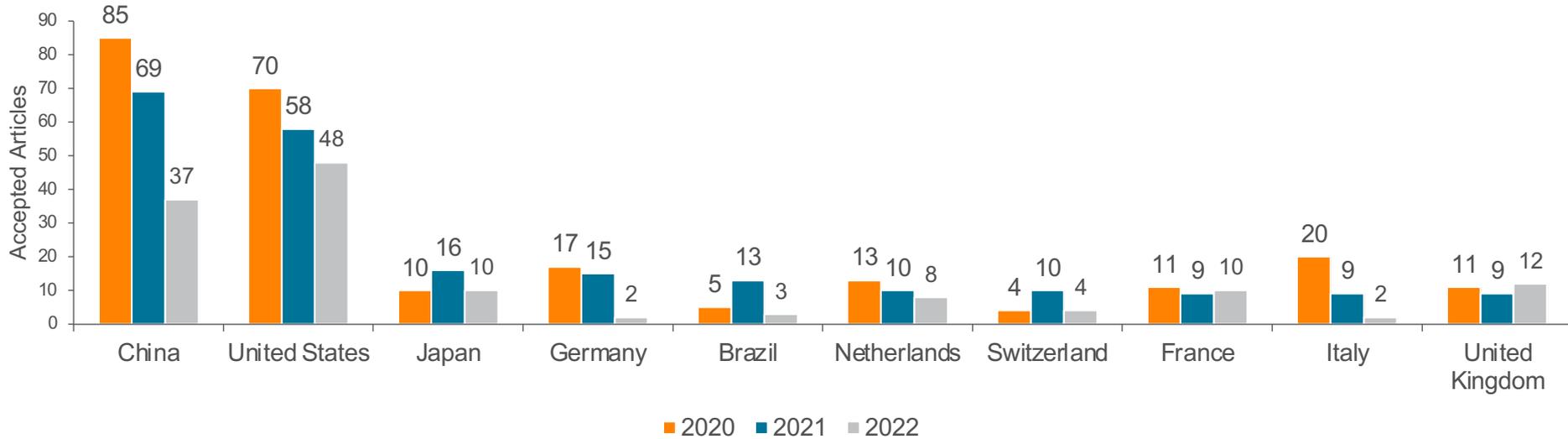
Articles	Special Item Group Name	Compilation Year	Volume Issue
6	WFUMB Abstracts 2022	2022-06-20 14:25:58	48S1
2	WFUMB Abstracts 2019	2019-08-26 14:20:05	45S1



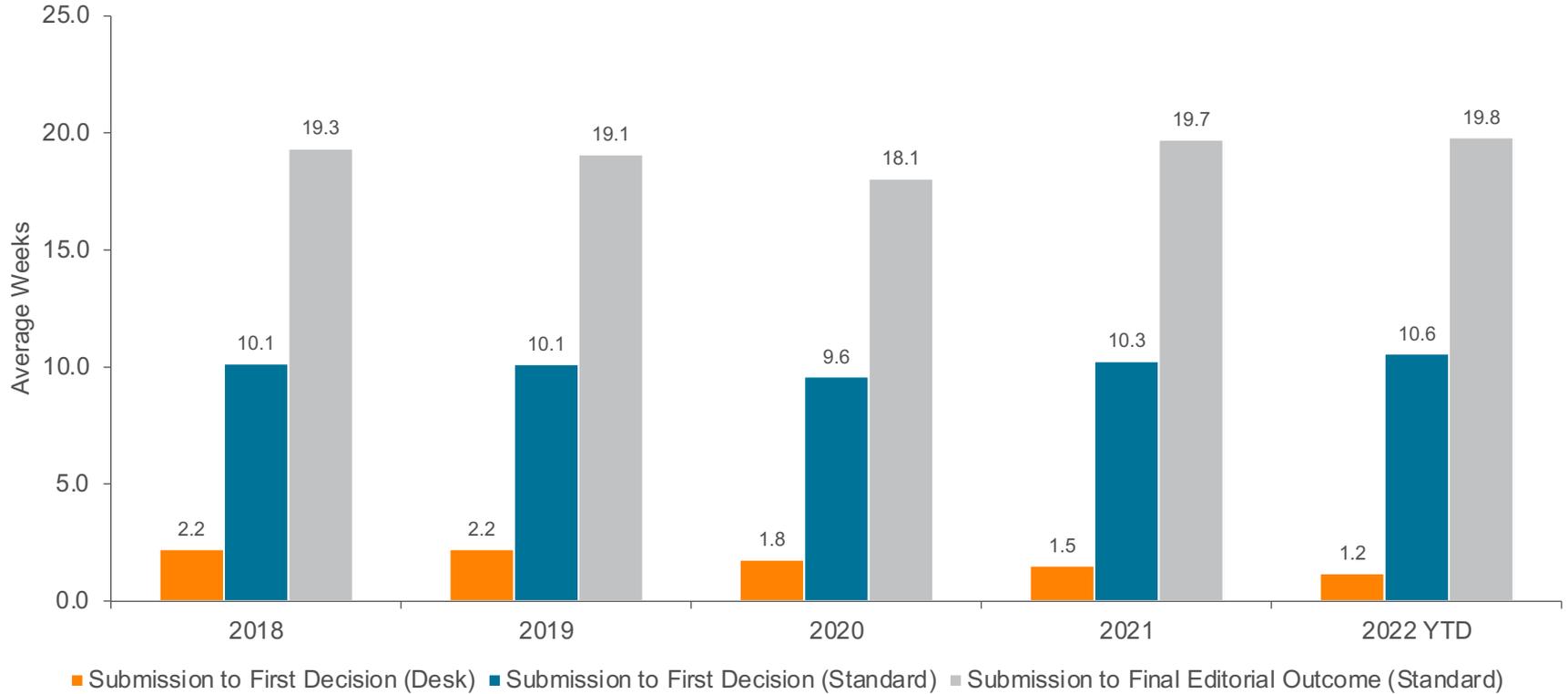
Trend of Top 10 Countries & Regions (2020-2022)



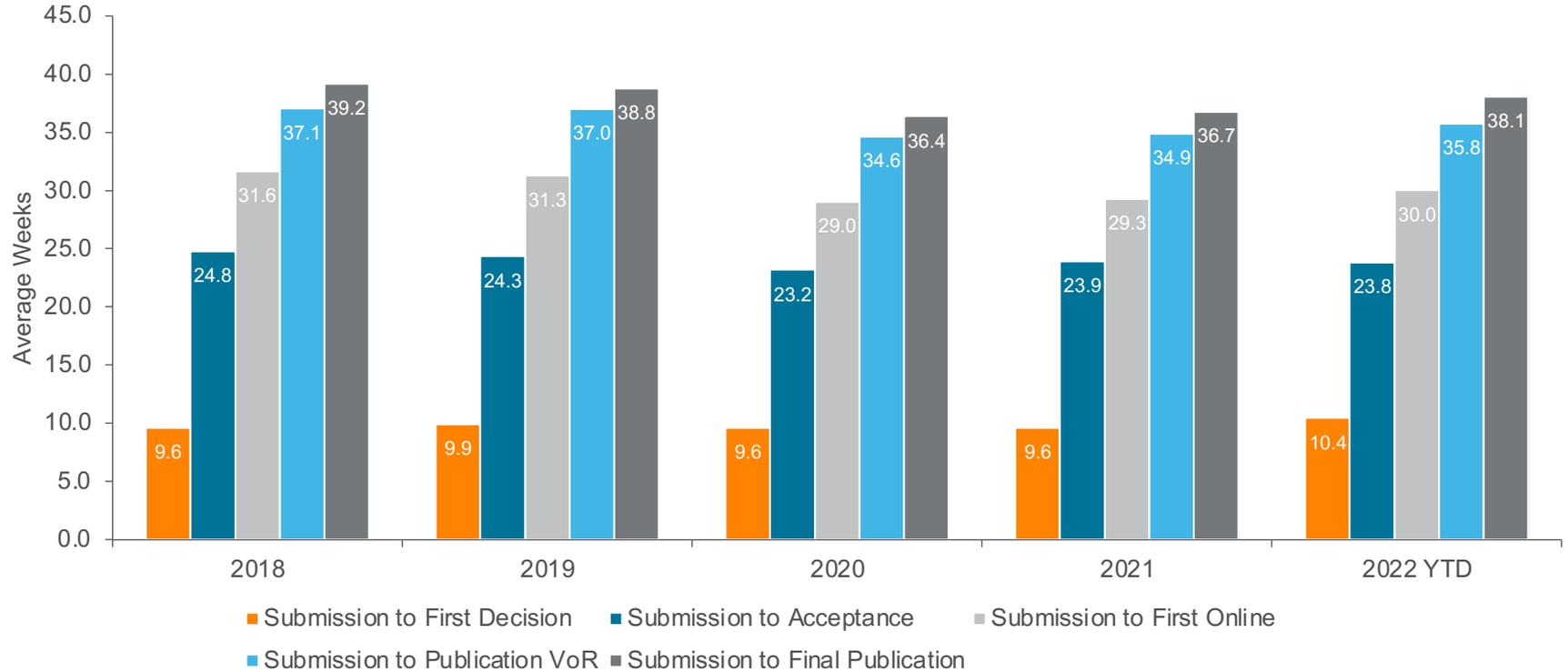
Trend of Top 10 Countries (2020-2022)

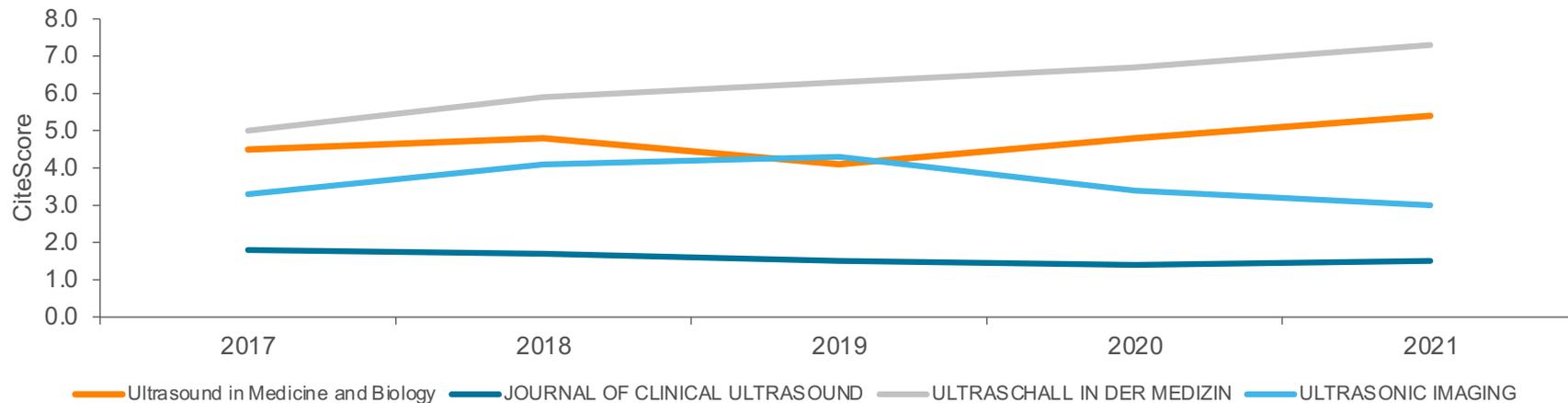


Average Editorial Speed for Accepted and Rejected Articles

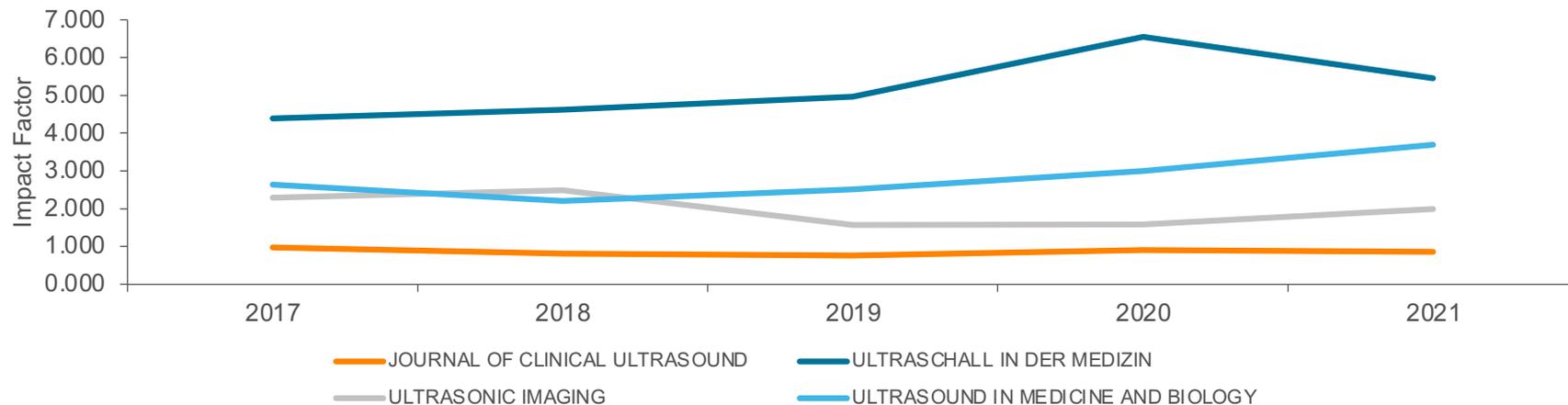


Average Editorial & Publication Speed for Published Articles





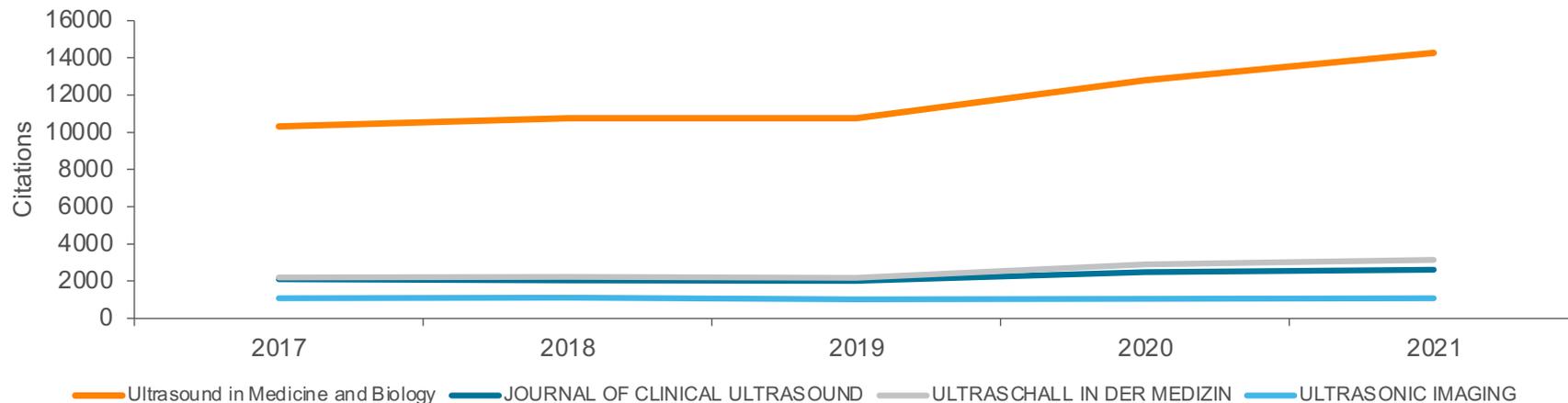
ISSN	Title	2017	2018	2019	2020	2021	2022 YTD
03015629	Ultrasound in Medicine and Biology	4.5	4.8	4.1	4.8	5.4	5.2
00912751	JOURNAL OF CLINICAL ULTRASOUND	1.8	1.7	1.5	1.4	1.5	0.0
01724614	ULTRASCHALL IN DER MEDIZIN	5.0	5.9	6.3	6.7	7.3	0.0
01047010	ULTRASONIC IMAGING	3.3	4.1	4.3	3.4	3.0	0.0
Category		Rank		Total Journals		Quartile	
Acoustics and Ultrasonics		8		42		Q1	
Radiological and Ultrasound Technology		16		60		Q2	
Biophysics		38		137		Q2	



ISSN	Title	2017	2018	2019	2020	2021
03015629	ULTRASOUND IN MEDICINE AND BIOLOGY	2.645	2.205	2.514	2.998	3.694
00912751	JOURNAL OF CLINICAL ULTRASOUND	0.978	0.820	0.764	0.910	0.869
01724614	ULTRASCHALL IN DER MEDIZIN	4.389	4.613	4.966	6.548	5.445
01617346	ULTRASONIC IMAGING	2.300	2.490	1.571	1.578	2.000

Index	Category	Rank	Total Journals	Quartile
SCIE	ACOUSTICS - SCIE	7	32	Q1
SCIE	RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - SCIE	57	136	Q2

Citations for All Articles

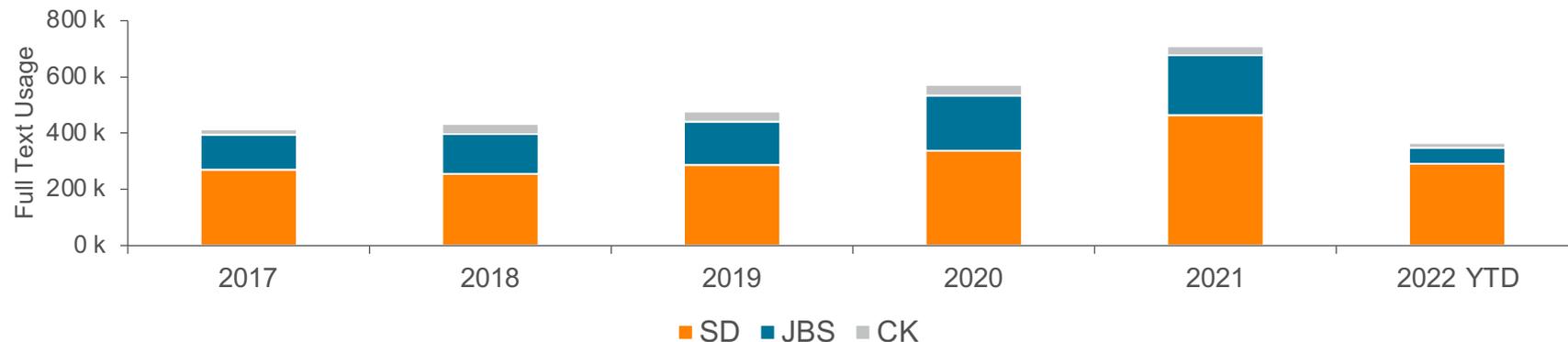


ISSN	Title	2017	2018	2019	2020	2021
03015629	Ultrasound in Medicine and Biology	10,316	10,769	10,763	12,787	14,270
00912751	JOURNAL OF CLINICAL ULTRASOUND	2,101	2,043	2,018	2,488	2,619
01724614	ULTRASCHALL IN DER MEDIZIN	2,201	2,238	2,185	2,911	3,149
01617346	ULTRASONIC IMAGING	1,076	1,117	1,028	1,055	1,092



Source: Journal Citation Reports (Regd.) (Clarivate Analytics)

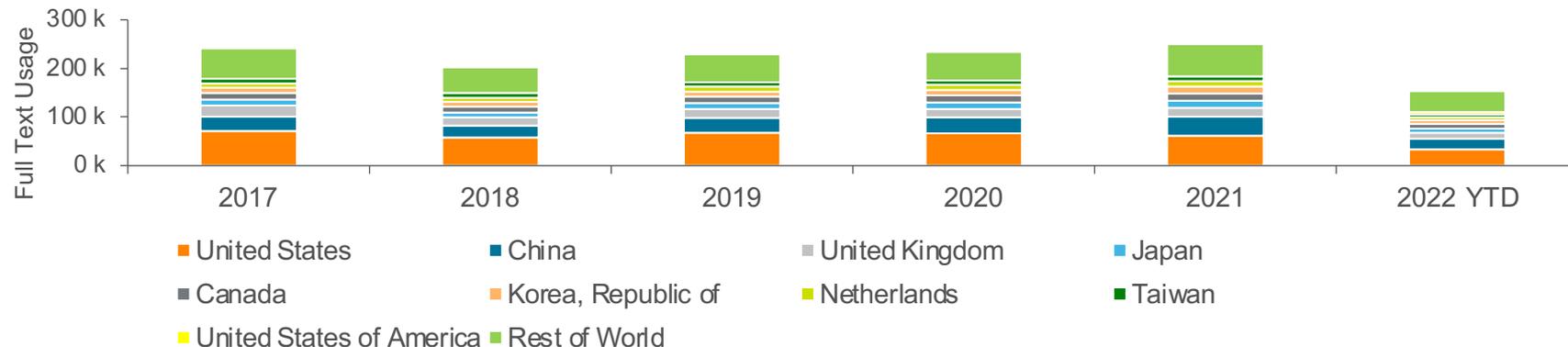
Full Text Usage per Platform per Year



Type	2017	2018	2019	2020	2021	2022 YTD
SD	270,224	254,686	287,192	336,765	464,751	290,289
JBS	123,161	141,687	153,907	197,868	212,061	57,810
CK	20,006	35,501	36,508	36,972	31,606	16,231
Total	413,391	431,874	477,607	571,605	708,418	364,330



ScienceDirect Usage: Top 10 Countries & Regions by Last Year



Country or Region	2017	2018	2019	2020	2021	2022 YTD
United States	71,488	57,295	67,872	66,664	61,636	38,208
China	29,051	25,226	30,008	32,116	38,872	22,490
United Kingdom	23,498	16,571	18,989	17,848	17,847	11,746
Japan	12,061	10,520	11,695	13,366	15,611	8,942
Canada	13,367	11,558	13,824	14,445	14,776	9,907
Korea, Republic of	10,729	9,978	10,014	11,298	13,511	6,860
Netherlands	8,998	8,797	10,217	11,104	11,746	6,986
Taiwan	9,622	9,572	8,785	8,121	9,403	5,765
Unknown	29,754	52,202	58,041	103,614	214,916	137,459
Rest of World	61,657	52,967	57,747	58,189	66,433	41,926
Total	270,225	254,686	287,192	336,765	464,751	290,289

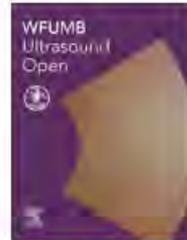


- Legal contract
- Title, Aims & Scope
- Editor-in-Chief & Editorial Board
- ISSN 2949-6683
- Cover, Content, TOC designs
- Application for Journal Webpages
- Application for Journal EM site
- Application for production site
- Application for Typesetting & Copyediting
- Draft Marketing Plan
- Launch date is being finalised

New Open Access Journal WFUMB Ultrasound Open

You're Invited to Submit Your Paper for Consideration

We invite you to submit your paper to open-access journal, *WFUMB Ultrasound Open*. *WFUMB Ultrasound Open* is the official international peer-reviewed Open Access journal of the [World Federation for Ultrasound in Medicine and Biology](#) (WFUMB). As the "sister journal" of [Ultrasound in Medicine & Biology](#), it shall focus particularly on the clinical applications of ultrasound. In addition, it aims to publish and disseminate novel research in basic and applied science. It will also welcome papers on advances in diagnostic and therapeutic applications of ultrasound, guidelines, pictorial reviews, clinical cases, letters and opinion pieces.



To complement WFUMB's multidisciplinary organization the journal invites topics on all organs of medical imaging such as gastrointestinal, genitourinary, [obstetric](#) and gynecology, musculoskeletal, cardiovascular, head and neck, nervous system and breast. The journal aims to advance our understanding of the applications of ultrasound in medicine and science. The journal is not restricted with inclusion of images and videos in the proposed format.

Here are 4 reasons why *WFUMB Ultrasound Open* is the right journal for your next paper:

Federation Report: AFSUMB



ASIAN FEDERATION OF SOCIETIES
FOR ULTRASOUND
IN MEDICINE AND BIOLOGY

1. AFSUMB Congress

▪ AFSUMB 2021

The 14th Congress of the AFSUMB 2021, in conjunction with the 21st Annual Meeting of the Chinese Society of Ultrasound in Medicine (CSUM 2021), held in hybrid form at Zhuhai International Conference and Exhibition Center, Zhuhai, China, from September 16 to 19, 2021, under the theme of "Better Asia Better US" - This congress was delayed from 2020 at Beijing to 2021 at Zhuhai because of the pandemic. In the Congress, there were 20 national and regional organizations, 15 academic units over the world, more than 700 attendees onsite and over 30,000 real-time online visits.

▪ AFSUMB 2022

AFSUMB 2022 will be held in hybrid form from November 11 to 13 in Hyderabad, India.

2. Education Program

▪ AFSUMB Educational Workshop

The AFSUMB Educational Workshops in Nepal and Mongolia that were postponed to 2021 from 2020, and were finally cancelled because of pandemic.

▪ WFUMB COE Workshop

The Bangladesh Society of Ultrasonography (BSU) organized the 26th virtual WFUMB COE Workshop was held from March 4 to 5, 2022 under the theme of "Fetal Medicine Ultrasonography".

▪ Webinar Workshop (Vendor-sponsored Workshop)

The first webinar workshop was held under the name of 'AFSUMB-GE Webinar on Abdominal Ultrasound' on September 6, 2020, hosted by Indian Federation of Ultrasound in Medicine and Biology (IFUMB) and sponsored by GE Healthcare. A total of 1,946 people were registered for the webinar workshop.



ASIAN FEDERATION OF SOCIETIES
FOR ULTRASOUND
IN MEDICINE AND BIOLOGY

Federation Report: AFSUMB continued ...

▪ **Collaboration with Affiliated Society**

Asia Pacific International Symposium on Advances Medical Ultrasound (APISAMU) was organized by Chinese Taipei Society of Ultrasound in Medicine (CTSUM) in collaboration with AFSUMB since 2019. The 3rd APISAMUs was held in virtual form on October 16, 2021, under the theme of 'US and US-guided Intervention of Thyroid and Parathyroid'.

3. AFSUMB Website

- Website Committee was newly organized in September, 2022, and the AFSUMB website was renewed and reopened on June 1, 2021.
- For the convenience of e-learning, the AFSUMB and CMA/CSUM had a consensus to upload all recorded videos in English presented in the AFSUMB 2021 to the AFSUMB website.
- For archiving AFSUMB history, more than 5,500 slides and video clips were added on the new AFSUMB website. The target for the next year is to induct another 3,000 slides and 280 videos clips.

4. Journal of Medical Ultrasound

Journal of Medical Ultrasound (JMU) is the Official Journal of AFSUMB. A total of 107 articles were published in 2020 and 2021 from 24 countries, including 1 memoriam, 1 guideline, 6 educational forums, 6 review articles, 12 original articles, 1 pictorial essay, 2 brief communications, 22 case reports, 8 research letters, 6 correspondences, 21 imaging for residents, and 60 CME tests.

5. Ultrasound Contrast Agent

An official article entitled "The AFSUMB consensus statements and recommendations for the clinical practice of contrast-enhanced ultrasound using Sonazoid" was prepared by AFSUMB members, and published in 2020 (J Med Ultrasound 2020;28:59-82 and Ultrasonography 2020;39:191-220).

Federation Report: ASUM



Strategic planning

ASUM is currently developing a new strategic plan for the organisation

- An external facilitator was engaged in February and a strategic planning meeting was held to include;
 - o Directors
 - o ASUM management
 - o Key stakeholders e.g. chair of education committee
- In addition, a survey was shared to a larger audience of engaged members and corporate partners for feedback to the facilitator, incorporating a broader view from the industry.
- The new strategic plan is expected to be approved and launched in June 2022.

Matters for noting

- Conference planning
 - o ASUM2022 – 16-18 September 2022 in Adelaide
 - o ASUM2022 Scientific Committee to provide a request for a WFUMB sponsored speaker TBC
 - o Board of Directors agree to continue to deliver conferences and bring multiple disciplines together for ultrasound education and networking
 - o Planning for future conferences and meeting
 - o Many funding opportunities to support face to face events in Australia and New Zealand
- Education
 - o DDU: changes with a focus on obstetrics emergency and critical care offerings
 - o CCPU: specialty colleges implementing ultrasound within the specialty training curriculum. Emerging markets continue to develop with CCPU Phlebology launched in collaboration with the Australian College of Phlebology
- Events
 - o Webinars continue to be popular for members and non-members
 - o IOTA 6 week masterclass series in March and April



Federation Report: ASUM continued ...

- Communication guidelines
 - o Communication when delivering unexpected news in obstetric ultrasound. Opportunity to build on this work to integrate specific expectation for Aboriginal and Maori people
 - o Further development to provide resources for parents planned for future

ASUM Outreach

- In discussion with the Virtual GP group in Western Australia to collaborate on training in ultrasound to deliver remote access to hundreds of aboriginal communities
- Current application in collaboration with the University of South Australia to pilot obstetric ultrasound training in regional areas
- Pilot cardiac program in Northern Territory for allied health to improve detection of RHD.
- Training in Nhulunbuy incorporated a one-day intensive training workshop across two consecutive days to ensure maximum impact for those in the region.

Federation Report: EFSUMB





Federation Report: FLAUS

FLAUS Activities 2019-2021



Mandate: Dr. Antonio Carlos Matteoni

2019
JULY

CONGRESS FLAUS

XIX FLAUS Congress Held on the 12th and 13th of July 2019 – Held in Salvador/Bahia – Brazil

2020
APRIL

FLAUS WEBSITE

Launch of the new FLAUS website

2020
MAY 27

FLAUS WEBINAR

May 27 - FLAUS Webinars Guest: Dr.Peter Francolin - 100 subscribers

Topic: Most frequent difficulties and errors in lower extremity venous studies

2020
JUNE 10

FLAUS WEBINAR

10th of June Webinars FLAUS Dr.Daniel Cafici - 100 subscribers

Theme: Use of Doppler in the diagnosis and follow-up of intrauterine growth restriction (IUGR)

2020
JUNE 24

FLAUS WEBINAR

24th of June Webinars FLAUS Dr.Pablo Morikawa - 100 subscribers

Subject: Clinical-ultrasonographic criteria in the diagnosis of autoimmune thyroiditis and subacute thyroiditis

01

05/05/2022

FLAUS Activities 2019-2021



Mandate: Dr. Antonio Carlos Matteoni

2020
JULY 07

FLAUS WEBINAR

Webinars FLAUS Dr.Antonio Carlos Matteoni / Dr.Edda Leonor Chaves - 100 subscribers – Topic: Ultrasound criteria to classify benign and malignant nodular breast lesions: B-mode US and elastography (shear-wave)

2020
JULY 08

SCIENTIFIC MEETING DISCLOSURE

Disclosure on Instagram of the scientific meeting of the Society of Ecuador - SEUM

2020
JULY 22

FLAUS WEBINAR

Webinar FLAUS Dr.Jorge Rabat - 100 subscribers – Topic: Utilidad del Ultrasonido en el unestable patient

2020
JULY 25

PERU SOCIETY WEBINAR DISCLOSURE

Disclosure on Instagram of the Peruvian Society Webinar

2020
JULY 29

GUATEMALA ASSOCIATION WEBINAR DISCLOSURE

Promotion on Instagram of the Guatemala Association Webinar with Dr.Leandro Fernandez

02

05.05.2022

Federation Report: FLAUS continued...



FLAUS Activities 2019-2021



Mandate: Dr. Antonio Carlos Matteoni

2020
JULY 31

DISCLOSURE SCIENTIFIC MEETING
PARAGUAY SOCIETY

Disclosure on Instagram of the Scientific Meeting of the Paraguayan Society of Ultrasound

03

2020
AUGUST 12

FLAUS WEBINAR

August 12 Webinar FLAUS Dr.Ramon Bataglia
157 subscribers
Subject: Ultrasound in adnexal pathologies

2020
AUGUST 18

VENEZUELA CONGRESS
RELEASE

Publication of the 34th Venezuelan Congress of Ultrasound

2020
AUGUST 26

FLAUS WEBINAR

August 26 Webinar FLAUS Dr.Armando Zamora Theme: Ultrasound of the retroperic and plantar fascia – 80 subscribers

2020
SEPTEMBER 09

FLAUS WEBINAR

September 09 Webinar FLAUS Dr.Roberto Gori –
Subject: Ultrasonographic Study of Deep Endometriosis. IDEA protocol
218 subscribers

05.05.2022

FLAUS Activities 2019-2021



Mandate: Dr. Antonio Carlos Matteoni

2020
SEPTEMBER 23

FLAUS WEBINAR

September 23th Webinar FLAUS Dra.Lena Pari – 131 subscribers Theme: How to evaluate the rectus femoris muscle in ultrasound

04

2020
OCTOBER 02

SAUMB WEBINAR
DISCLOSURE

October 02 Publication on Instagram of the SAUMB Webinar with Dr.Saul Waisbein

2020
14 OUTUBRO

FLAUS WEBINAR

October 14 FLAUS Webinar Dr.Roberto Moncayo – 63 participants
Subject: Ultrasound chromosomal markers (11-14 weeks). Una practica actualización

2020
OCTOBER 19

DISCLOSURE ECOMED
CONGRESS

October 19 Publication of the ECOMED Congress of Venezuela

2020
OCTOBER 28

FLAUS WEBINAR

Webinars FLAUS Dr.Miguel Angel Jimenez Taboada – 92 subscribers Theme: Ultrasound assessment of bladder pathology

05.05.2022



Federation Report: FLAUS continued...

FLAUS Activities 2019-2021

Mandate: Dr. Antonio Carlos Matteoni



2020

NOVEMBER 09

DISCLOSURE FLAUS AND APCA SYMPOSIUM

November 9th
Disclosure of the Symposium sponsored by FLAUS and APCA

2020

NOVEMBER 11

FLAUS WEBINAR

November 11
Webinars FLAUS
Dr. Antônio Terrones – 62 subscribers
Theme: Embarazo Gemelar: Mucho más que dos fetuses together

2020

NOVEMBER 13

WEBINAR DISCLOSURE SAUM

November 13
Publication of the SAUMB Webinar with DR. Luis Catalina

2020

NOVEMBER 25

FLAUS WEBINAR

25th of November
FLAUS Webinars
Dra. Maria Cristina Chammas – 186 subscribers
Theme: How to use ACR TIRADS in practice

2021

FEBRUARY 03

DISCLOSURE IMAGINE CONGRESS

FLAUS Disclosure with support for the IMAGINE 2021 Congress

05

05.05.2022

FLAUS Activities 2019-2021

Mandate: Dr. Antonio Carlos Matteoni



2021

FEBRUARY 26

DISCLOSURE POCUS EDUCATIONAL ACTION WITH FLAUS MEMBERS

February 26
Publication of the Pocus Educational Series with Dr. Jorge Rabar and Dr. Leandro Fernandez.

2021

APRIL 12

DISCLOSURE FLAUS CONGRESS

April 12
Publicity on Instagram and FLAUS website of the XX FLAUS Congress

2021

APRIL 13

DISCLOSURE FLAUS AND MINDRAY SYMPOSIUM

April 13
Publication of the FLAUS / MINDRAY International Elastography Symposium
Dr. Edda Chaves and Dr. Antonio Carlos Matteoni

2021

MAY 11

DISCLOSURE FLAUS AND MINDRAY SYMPOSIUM

May 11
Publication of the FLAUS / MINDRAY International Elastography Symposium
Dr. Edda Chaves and Dr. Glenn Mena Olmedo

2021

MAY 12

DISCLOSURE POCUS FLAUS AND INTELEOS

May 12
Publication POCUS FLAUS INTELEOS
Dr. Peter Françolin and Dr. Leandro Fernandez

06

05.05.2022

Federation Report: FLAUS continued...



FLAUS Activities 2019-2021



Mandate: *Dr. Antonio Carlos Matteoni*

2021
JUNE 21

**ASOGU WEBINAR
DISCLOSURE**

21st of June
Publication of
ASOGU's Webinar
with Dr. Bruno
Sagástegui

2021
JULY 02

**INSTAGRAM DISCLOSURE
FLAUS CONGRESS**

July 02 Publicity
on Instagram of
the XX FLAUS
Congress

2021
9 and 10
JULY

**FLAUS CONGRESS IN BUENOS
AIRES**

9th and 10th of July
2021
The 20th FLAUS
Congress was held
Location: Buenos
Aires



Federation Report: MASU

RE: Affiliate activities update

On behalf of Dr Wiem Douira, unfortunately for medical family reason, she was unable to attend this meeting , it is my pleasure to present the MASU report during this meeting

During the last 2 years, it was a very difficult Covid period in the world and in Africa in particular, it was difficult to be very active.

We hope more activities in the next future. However, we tried to do our best.

COE summary

- COE in Kenya has been active. COE director: Sudhir Vinayak
- COE in Nigeria has been inactive; a change in leadership is being sought
- COE in Ethiopia is fully established and functioning well
- COE in Kampala has been active for many years. COE director: Michael Kawooya
- COE in Togo has just been revived. COE director: Lantam Sonhayé
- COE in South Sudan has had little activity due to COVID: COE director: Susan Elhakim
- COE in Zambia is well established and has been very active COE director: Stefan Kafwimbi

MASU Congress

The next MASU conference is planned to be held in Rome; the exact date is yet to be finalized because COVID has resulted in multiple postponements. It will probably take place in 2023.

Philips Visiq project at the COE in Nairobi

The COE in Nairobi was selected by Philips Medical systems for the "Visiq" project; it was done in collaboration with WFUMB. This novel project trained midwives to perform a simple ultrasound examination on expectant mothers with a view to screen high risk pregnancies in rural Kenya. The project was completed in 2016/17. Three elements were analyzed; training the midwives, competency of the midwives in the field and affectivity of the modern system responsible for image transfers. Multiple publications have followed including one in UMB.

Federation Report: MASU continued ...



Mimba Yangu project at COE in Nairobi

Following the success of the Visiq project, a much larger project was launched in Kenya called Mimba Yangu. Many more people were trained to perform obstetric scans in rural areas. This is ongoing and should be completed in the next few months.

Ethiopia COE Initiative

The Ethiopian COE is fully under the umbrella of MASU and we have helped to synergize a working relationship between the Ethiopian ultrasound society (in the process of registration) and WFUMB. University of Bergen, Norway is providing essential training support.

Togo COE

There had been no activities at this COE for a while, but every effort was made to revive it. Hassen Gharbi has been working with the Francophone group and fortunately they became active again last year.

Khartoum COE

A new COE was set up in Khartoum. Thanks to Dieter Nurnberg and local supporters, who have given excellent support to make this a reality. Unfortunately, the worldwide COVID situation has dampened activity at this centre.

Zambia COE

A new COE was started in Zambia three years back. Since then they have had two big conferences and another one is planned this year. There is participation from neighbouring countries as well.

Future Plans

1. A new COE is planned for Zanzibar (representing Tanzania) next year, Approvals from the ExB and Administrative Council are awaited.
2. There is a plan to have a combined East African conference of all the COEs in the region; probably in 2023.

Dr. Sudhir Vinayak
MASU President

Teresa Abbattista
MASU General Secretary



WFUMB General Assembly Meeting

Friday 28 May 2021 13.00 – 14.00 CEST

MINUTES

ExB: Seung H Kim, Jacques Abramowicz, Sudhir Vinayak, Yi-Hong Chou, George Condous, Cristina Chammas Christian Nolsoe

Administrative Councillors: Sue Westerway, Christoph F Dietrich, Odd Helge Gilja, Iwaki Akiyami, Fred Joshua, Yusef Sayeed, Paul Sidhu, Jorge Rabat, Hassen Gharbi and Christy Holland (ex officio)

Incoming Administrative Councillors: Won Jae Lee, Karen Mizia, Adrian Saftoiu, Wiem Douira, Antonio Carlos Matteoni De Athayde

Present: Cheng Huang Ng, Yuang Lian Wan, Klipsol, Kanu Bala, Germin Gunay, Lyndal Macpherson, Roxana Sirli

In attendance: Lynne Rudd

AGENDA ITEM	ACTION
<p>The Minutes of the last meeting in Melbourne of 5 September 2019 were agreed as an accurate record.</p> <p>The President confirmed that the General Assembly was officially convened following compliance with the constitutional requirements:</p> <ul style="list-style-type: none"> ▪ GA advertised as Open Meeting ▪ Quorum met ▪ Identification of those with voting rights <ul style="list-style-type: none"> ○ Iwaki Akiyama for AFSUMB ○ Fred Joshua for ASUM ○ Adrian Saftoiu for EFSUMB ○ Antonio Matteoni for FLAUS ○ Wiem Douria for MASU ▪ Voting equal to paid membership ▪ 60-days' notice for constitutional amendments ▪ Ballot received 30 days before GA ▪ Request receipt obtained <p>AIUM has not paid their membership dues for 2020 and therefore their voting rights are suspended according to Article 10.1 which states that the certified number of votes of each Affiliated Organization shall be equal to its paid-up membership. The election will proceed conditionally upon the AIUM payment within 30 days of the notice dated 21st May; but if not paid the process will be reviewed for the current AIUM nominated officer position and committee chairs.</p>	
<p>1. President's Report</p>	

<p>SHK planned activities supporting 'US, the best' were hampered by the pandemic. WFUMB tried to execute online activities and were successful in increasing the Centres of Education to 19, revitalizing ECHOES and the website improvement. His appreciation was expressed to all the leadership members and administrative staff.</p>	
<p>2. Secretary's Report SV reported the drop in membership, the cancelled congresses but WFUMB 2022, WFUMB 2023 (November) and WFUMB 2025 are all confirmed. Information will be shared once received regarding WFUMB 2027. Meetings have been held regularly online and this practice will continue with occasional physical meetings.</p> <p>The UMB contract has been renegotiated for 7 years.</p> <p>The breast elastography guidelines under Richard Barr will see the first draft in July and a consensus meeting at RSNA in 2021.</p> <p>He reminded the GA that the bylaws had been updated at the last Administrative Council meeting with the deletion of some committees and limitation introduced Committee Chair terms.</p>	
<p>3. Treasurer's Report JA reminded the GA of the duties of the Treasurer and advised the total assets of 2,792,041 USD in October 2020 which have increased to 3,235,185 USD in May 2021. The investments in Merrill Lynch and Raymond James have performed well increasing 16.99% (higher risk portfolio) and 14.74% respectively.</p> <p>The main reason for the assets increase is not travelling during the pandemic. The budget was viewed with an anticipated income of 577,033 USD with increased royalties from Elsevier. All these details are available in the papers for the Administrative Council and GA meetings and in the circulated minutes.</p>	
<p>4. UMB written Report The Elsevier detailed statistical report had been previously circulated and was taken as read.</p>	
<p>5. Election of Officers confirming the decision pursuant to written ballots returned by the Federations</p> <ul style="list-style-type: none"> • President Elect Jacques Abramowicz (AIUM) Total Votes 44,674 • Vice President 1 George Condous (ASUM) Total Votes 44,674 • Vice President 2 Leandro Fernandez (FLAUS) Total Votes 44,674 • Honorary Secretary Sudhir Vinayak (MASU) Total Votes 44,674 • Honorary Treasurer Paul Sidhu (EFSUMB) Total Votes 44,674 <p>The voting delegates confirmed the decision pursuant to written ballots returned by the Federations.</p>	
<p>6. Constitutional Changes The changes approved by the ExB and the AC had been circulated in advance and were emailed for electronic voting and were approved unanimously by the voting delegates.</p> <ul style="list-style-type: none"> • 13.1. The day-to-day affairs of WFUMB shall be administered by an Administrative Council which shall consist of: 	<p>Update online constitution</p>

<p>Voting members: Officers: President Vice-President 1 Vice-President 2 President-Elect, Immediate Past President, Secretary, Treasurer, <i>and Editor in Chief, WFUMB journal.</i></p> <p>This requires the deletion of</p> <ul style="list-style-type: none"> • 13.1 Non-voting members: <i>Editor, WFUMB journal</i> • 13.2. Each Affiliated Organization shall be entitled to nominate a councilor to serve on the Administrative Council. <i>It is recommended that the Federation Administrative Councilor nominee should have held some administrative position within their Society. The term is a two-year term, renewable, if deemed appropriate by individual federations, for a further two terms only.</i> 	
<p>7. Election of new Administrative Councilors By show of hands the voting delegates all approved the following Federation nominations</p> <ul style="list-style-type: none"> ▪ Won Jae Lee, AFSUMB ▪ Karen Mizia ASUM ▪ Adrian Saftoiu EFSUMB ▪ Wiem Douira MASU ▪ Antonio Carlos Matteoni De Athayde FLAUS 	
<p>8. WFUMB Ultrasound Book introduction CC presented a video highlighting the ebook which is now online. Some videos still need to be added over the next few months. Suzanne Cain enormous contribution to typesetting the book was noted as well as the work of the editors, in particular Roxana Sirli. OHG proposed a vote of thanks to Dieter Nuernberg for his vision and drive in completing the project within the timeline.</p>	
<p>9. Installation of New President and Announcement of Committee Chairs The President’s medal will be handed over to CC at WFUMB 2022 by Past President SHK.</p> <p>Announcement of Committee Chairs</p> <ul style="list-style-type: none"> ▪ Congress Committee Ioan Sporea (EFSUMB) ▪ Nominating Committee Jacques Abramowicz (AIUM) ▪ Publications Committee Adrian Saftoiu (EFSUMB) Archivist Seung H Kim (AFSUMB) ECHOES Newsletter Editor Sue Westerway (ASUM) ▪ Education Committee Christian Nolsoe (EFSUMB) eLearning Chair Caroline Ewertzen (EFSUMB) Student Education Chair Roxana Sirli (EFSUMB) COE Chair Odd Helge Gilja (EFSUMB) ▪ Collaboration Committee Sudhir Vinayak (MASU) ▪ Constitution Committee George Condous (ASUM) ▪ Safety Committee Brian Fowlkes (AIUM) 	<p>Update website and headed paper</p>

<p>CC thanked SHK, LF and CN for their support and encouragement. Her motto will be 'Ultrasound connection' and she hoped that all committees will unite and complement each other to further the aim of connecting the world of ultrasound.</p> <p>Any other business None</p>	
<p>10. Next Meeting: General Assembly WFUMB 2023 Muscat, Oman 4-7 November</p>	



WFUMB General Assembly Meeting

Tuesday 14 December 2021 12.00 – 13.00 GMT

MINUTES

ExB: Cristina Chammas, Jacques Abramowicz, Sudhir Vinayak, Leandro Fernandez, George Condous, Seung H Kim, Paul Sidhu

Administrative Councillors: Won Jae Lee, Karen Mizia, Adrian Saftoiu, Wiem Douira, Antonio Carlos Matteoni De Athayde, Sue Westerway, Iwaki Akiyama, Ioan Sporea and Christy Holland (ex officio)

Present: Yuang Lian Wan, Roxana Sirli, Christoph F Dietrich, Odd Helge Gilja, Christian Jenssen, Alina Popescu, Adrian Saftoiu, Fabio Piscaglia, Ramon Battaglia, Ivan Quiros, Brian Fowlkes

In attendance: Lynne Rudd

AGENDA ITEM	ACTION
<p>The Minutes of the last online meeting of 28 May 2021 were agreed as an accurate record.</p> <p>The President and Honorary Secretary confirmed that the General Assembly was officially convened following compliance with the constitutional requirements: GA advertised as Open Meeting/Quorum met/ Identification of those with voting rights (Administrative Councillors/Voting equal to paid membership/60-days' notice for constitutional amendments/Ballot received 30 days before GA.</p>	
<p>1. President's Report</p> <p>The following was the sequence of events that followed AIUM's suspension as per the constitution for non-payment of the membership dues:</p> <ul style="list-style-type: none"> • May 11, 2021: The AIUM notified WFUMB that it will be withholding dues payments until WFUMB addresses their identified concerns. • Jun 29, 2021: Suspension notification email received from WFUMB <p>These raised issues led to the independent survey. CC confirmed WFUMB's determination to improve and the disappointment that AIUM did not participate in the survey as their support is needed along with all Federations to make the changes. With JA as President Elect nominated by AIUM it is important to resolve the differences. The nomination for the post of Treasurer on the resignation of PS will be deferred until Timisoara GA and JA will act as Treasurer until this date.</p> <p>CH was thanked for the last 15 years as UMB Editor in Chief adding her valuable commitment to the journal. WFUMB is launching an Open Access journal in early 2022. CC sincerely hopes that we will meet in person in Timisoara.</p> <p>SW questioned the low response rate to the survey and CJ proposed collecting further answers defining if it is the views of the representative of the Federation or the opinion of the Federation. It was agreed that valuable information was returned by the survey to commence with modifications and would increase the survey costs of 12,000 USD. GC recommendation of a Task Force Group of Federation representatives to advise on how to implement the recommendations was adopted. It was agreed that AIUM should participate in the TFG as a guest which BF suggested would happen as this was what AIUM expected should happen.</p> <p>The President's report was approved by a show of hands.</p>	

<p>2. Secretary's Report</p> <p>SV reported membership is slightly down. The postponed full ultrasound day at ICR will take place either December 2022 or January 2023. The congresses WFUMB 2022, WFUMB 2023 (November) and WFUMB 2025 are all confirmed with a final decision to be taken February 2022 on a physical or online meeting in Timisoara. Requests will be sent to all Federations to invite bids for WFUMB 2027.</p> <p>The eBook has been a great success increasing visitor numbers significantly. The breast elastography guidelines under Richard Barr will have a consensus meeting in Timisoara.</p> <p>ICUS and WFPI have agreed to become partners with WFUMB sharing links on websites. This was forged at RSNA at which positive meetings were held with industry. SV offered to share the reports of these meetings with Administrative Councillors.</p> <p>He reminded the GA that the bylaws had been updated at the last Administrative Council meeting with the deletion of some committees and limitations introduced for Committee Chair terms. It was agreed that the Constitution and Bylaw proposed changes would be revisited by the Constitution Committee in the light of the TFG recommendations.</p> <p>AC's were reminded of their important role within WFUMB of bringing concerns to the meeting table and taking back information to their Federation. Communication was one of the main issues in the survey and needs to be addressed. ECHOES Newsletter will be increased to 4 issues per year as a start.</p> <p>The Secretary's report was approved by a show of hands and the partnerships with ICUS and WFPI approved by a show of hands.</p>	<p>2027 bids</p> <p>Send RSNA reports</p> <p>Constitution Committee to review in light of TFG</p>
<p>3. Treasurer's Report</p> <p>PS displayed the P&L for January – November 2021 which shows the membership income (for some reason not that paid from MASU) and UMB Royalties which provide a total income of 331,971 USD. Total expenses are 167,589 USD giving a net profit of operating income of 164,381 USD. The pandemic has limited the WFUMB educational support but saw the production of the book, income for the incoming EiC and RSNA meetings. The current investment assets total 3,738,417 USD which is a healthy balance for WFUMB. Subject to the inclusion of MASU dues in the P&L account the report was approved by a show of hands.</p>	<p>Include MASU dues</p>
<p>4. WFUMB TFG</p> <p>It was agreed that all meeting participants would email their considerations to be taken into account by the WFUMB TFG.</p> <p style="text-align: right;"><i>JA arrived</i></p> <p>An invitation to nominate 2 representatives for the TFG will be sent out to each Federation and AIUM with the GA Minutes. The request will be for the Federations to identify those that want to work on this project to commence in early January.</p> <p>It was agreed the terms of reference for the TFG will be defined by the ExB based on the survey summary and comments received.</p>	
<p>5. Any other business</p> <p>LF reminded the meeting attendees of the CoE meeting to discuss the Butterfly and LeSono devices use in the Centres</p> <p>SV gave a vote of thanks to CH for her 15-year service as UMB Editor in Chief.</p>	
<p>6. Next Meeting: General Assembly WFUMB 2022 Timisoara, Romania 25-28 May</p>	

