



Publication & Web Committee activity 2019-2021

Between 2019 and 2021, the Publication & Web Committee has witnessed a huge increase in its activities and in its interaction with the international neurosurgical communities, in consideration to the particular conditions related to the pandemic.

Since the beginning of 2020 and with the pandemic hideouts, online webinars have increased exponentially, both for scientific, educational and organizational purposes precisely to tackle the pandemic.

In 2020, on March the 30th, our group has launched a survey (<https://www.wfns.org/news/86/the-survey-from-chief-of-wfns-web-and-publication-committee-dr-marco-maria-fon>) aiming to assess how worldwide Neurosurgical Departments were facing the Covid-19 pandemic. The results of the survey were shortly after published on World Neurosurg. 2020 Jul;139:e818-e826 (<https://pubmed.ncbi.nlm.nih.gov/32380337/>)

Soon after, on April the 4th, we have organized an international webinar comparing Neurosurgical activities during the COVID-19 pandemic: experts' opinions from China, South Korea, Italy, the USA, Colombia and the UK actively participated to the discussion. We were at the very beginning of the pandemic storm and we believe we have contributed significantly to understand how to reorganize our Departments during the pandemic. The suggestions of this webinar were the first to be online on April 29, 2020 and were published shortly after (<https://pubmed.ncbi.nlm.nih.gov/32347685/>).

Other surveys were designed in order to understand how, during a pandemic period, Telemedicine and Teleconsultations within the neurosurgical field can be useful to improve outpatient services and how they can play a role even after the pandemic. (<https://pubmed.ncbi.nlm.nih.gov/33757889/>)

Posing great attention to global neurosurgery, we have investigated how simple guidelines, such as those for head injuries, are followed worldwide. This survey has involved an extraordinary number of participants, and has demonstrated how in different areas of the world guidelines cannot be followed for various health difficulties. It is therefore paramount that guidelines must be written for all Nations and not only for western Countries. (<https://pubmed.ncbi.nlm.nih.gov/34814649/>)

The last point of our activity concerned publications.

We have examined neurosurgical scientific publications and change in the trends in major neurosurgical journals during the last 10 years. Peer-reviewed articles published in 12 prominent neurosurgical journals over the last 10 years were analyzed. (<https://pubmed.ncbi.nlm.nih.gov/34973441/>). We concluded that neurosurgical publications are

continuously increasing, with a parallel growth in the number of authors and citations all over the world.

The help of young neurosurgeons and neurosurgical groups related to Social Media has been essential for our work and we believe it will be increasingly important in the next future

By Marco Fontanella, Publication and web committee chair 2019–2021