

# 42<sup>nd</sup> World Dental Science and Oral Health Congress

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## WhatsApp use in oral pathology during first covid-19 pandemic in Senegal

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The objective of this work was to study the contribution of teledentistry to the price in charge of orofacial disorders, via the WhatsApp application of "Dentists of Senegal" and the WhatsApp of an oral surgery specialist. This was a cross-sectional descriptive study from March to October 2020. It took place: the WhatsApp group of "Dentists of Senegal" which has 257 participants. Out of 101 communications well, 82 were included in the study. Public sector dentists sent 88% of communications. Communications from the Dakar region, the capital, accounted for 25 A single photo was sent in 48% of cases and two photos followed by the lack of sending photos (22%) and two photos sent (14.5 %). Sending text alone accounted for 67.5%, it was associated with x-ray 44.5% In 56% of cases, dentists offered a diagnosis. Patients with tumors and cysts made up more than half of the sample (64.3%) followed by trauma. Tumors with benign characteristics represented 65% with a preponderance of epulis (38.4%), ameloblastomas (18%) and exostoses. Mandibular fractures represented 87.6% and alveolar-dental fractures 6.6%. The most common infectious pathologies were cellulitis (49%) and osteitis (40.6%). Oral surgeons had taken charge of 48.6% of the pathologies followed by maxillofacial surgeons (20%). General dentists treated 22.4% of patients. Mobile health teledentistry helps improve oral health care. In our developing countries, specialists are most concentrated in healthcare structures in capitals and large cities. Teledentistry with mobile health represents an emerging technology achievable using advanced telecommunication procedures.

### Biography

- Certificate of Higher Studies in Preventive and Social Dentistry, Senegal, 2001
- State Doctorate in Dental Surgery, Senegal, 2002
- Certificate of Higher Studies in Oral Surgery; Senegal, 2005
- Certificate of Higher Studies in Technology of materials used in dentistry (Biomaterials), Clermont-Ferrand I, France, 2008
- PhD, Odontological Sciences, Senegal, 2013
- Agrégation in Odonto-stomatology, Professor, 2018
- Hospital practitioner, Idrissa Pouye General Hospital
- Congress: Dakar, Abidjan, Marrackekh, Lille, Nantes, Toulouse, Dijon
- Member of the Senegalese Society of Odontology and Stomatology
- Member of the French Society of Oral Surgery (SFCO)

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