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ESPO Webinar: Paediatric ENT & COVID-19 Precautions concerning medical treatment


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PRECAUTIONS CONCERNING MEDICAL TREATMENT



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COVID-19: Preliminary recommendations from the SFORL

COVID-19 and ENT Pediatric otolaryngology during the COVID-19 pandemic. Guidelines of the French Association of Pediatric Otorhinolaryngology (AFOP) and French Society of Otorhinolaryngology (SFORL)

N. Leboulanger^a, T. Sagardoy^b, M. Akkari^c, S. Ayari-Khalfallah^d, C. Celerier^a, P. Fayoux^a, R. Luscan^a, A.-L. Mansbach^f, E. Moreddu^g, S. Pondaven^h, F. Simon^a, N. Teissierⁱ, B. Thierry^a, A. Fanous^j, E. Lescanne^h, R. Nicollas^g, V. Couloigner^a, French Association of Pediatric Otorhinolaryngology (AFOP) ... V. Couloigner^a

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➤ Caregivers

➤ Patients

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PRECAUTIONS FOR THE CAREGIVER

COVID Transmission

- through droplet spread carrying virus particles (sneezing, coughing...)
>20 μ m, travel < 2m distance, surfaces
- Aerosolization (treatment)
< 10 μ m, travel further, can be breathed in

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PRECAUTIONS FOR THE CAREGIVER

- **Ongoing aerosol therapy** should be stopped
- **OSA use CPAP devices** > increases risk of airborne spread
- Use of **nitrous oxide**:
Should be limited as much as possible, postpone or find other means of anaesthesia when possible.

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PRECAUTIONS FOR THE CAREGIVER

- **Intranasal therapy** may be continued

Precautions : hand washing, disinfect devices and surfaces, isolated in a room.

- **Saline nasal irrigation** must be limited:

no precaution at home (no change to contamination risk).

At hospital: staff should have full PPE

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PRECAUTIONS FOR THE CAREGIVER

If aerosolizing treatment must be maintained : enhanced airborne precautions

- Any staff in the room should have full PPE:
 - > FFP2/N95 mask, gloves, eyewear / face shield, headcap, gown
- Treatment should be always done in the same room, ideally dedicated room
- Room should remain empty and be ventilated for at least 10 minutes
- Thorough disinfection of surfaces and devices, handwashing before and after

> Regardless of COVID status

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PRECAUTIONS FOR THE PATIENT

- **Short systemic steroid treatment** (7 days) can be prescribed:
 - severe facial palsy (grades 5 or 6)
 - sudden sensorineural hearing loss > 60 dB (if not 48h follow-up teleconsultation)
- **Anosmia:** in cases of COVID-19 it is most of the time not linked nasal obstruction.
Recommended not to treat: no intranasal or systemic steroids, not irrigation

TAKE HOME MESSAGES



Beware of aerosolization



Anosmia: no treatment



Nasal saline irrigation: limited

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THANK YOU

Do you have any question ?

