



WHO-CED COVID19
CRITICAL TOPIC WEBINARS

MASKS, RESPIRATORS, AND FACE SHIELDS


08

MAY, 2020

8AM


AM EASTERN TIME
(US AND CANADA)

FREE REGISTRATION: [HTTPS://BIT.LY/2SAGPNM](https://bit.ly/2SAGPNM)

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Panelists

Chair: Busola Oronti (UK/Nigeria)

Chair: Leandro Pecchia (UK/Italy)

LMIC Presenters: Dr. Oluwatoyin Popoola
& Dr. Stephen Akinloye (BME Professors,
University of Lagos, Nigeria)

WHO presenters: Adriana Velazquez &
Ying Ling Lin

Also in panel: Tom Judd, Yadin David,
Roberto Ayala, Mladen Poluta

AGENDA

1. Introduction by Tom Judd (CED), **Oronti Busola & Leandro Pecchia** (2min)
2. WHO PPE speaker **Ying Ling Lin** (5 min)
3. WHO **Adriana Velazquez** (5 min)
4. Nigeria and PPE, Dr. **Oluwatoyin Popoola & Prof. Stephen Akinloye** (BME Professors, University of Lagos, Nigeria) (8 min)
5. Q/A on PPE (please write in the chat the question & your country) (20 min)
6. Q/A on Oxygen as continuation of the previous webinar on May 5th (20 min)



World Health
Organization



IFMBE

Clinical Engineering Division

**WHO & CED ARE PARTNERING TO HOST
A SERIES OF COVID-19 CRITICAL TOPIC
1-HOUR WEBINARS DURING MAY, 2020**

[Register here for the webinars:](#)

[May 8th, 2020 - Masks, Respirators, and Face Shields](#)

[May 12th, 2020 - CPAP/BPAP](#)

[May 15th, 2020 - Pulse Oximetry](#)

[May 19th, 2020 - Ventilators](#)

1. Supply of necessary PPE

- a. Evidence based performance of PPE
- b. Definitions: An N95/FFP 'respirator' is a masklike device, usually of gauze, worn over the mouth, or nose and mouth, to prevent the inhalation of noxious substances or the like. Health professionals wear respirators to filter out virus particles as they breathe in so they don't get infected with COVID-19 while helping people and patients. Not the historical medical device called 'respirator' that is/was generally a lower-technology Ventilator.

2. Standards for PPE performance

3. Reprocessing of single use PPE

- a. Safety from UV radiation for healthcare workers

4. Proper use and training

5. Coordination of various activities at care delivery and national levels

- a. Inventory control, who is getting what, eg distribution
- b. Waste management of used PPE, how to identify what was reprocessed how many times

6. Systems approach and safety management for all of the above

- a. Efficacy (quality) and impact of fitting procedures on healthcare workers