

HTA è Valore



Valutare per Innovare

Giuseppe Recchia

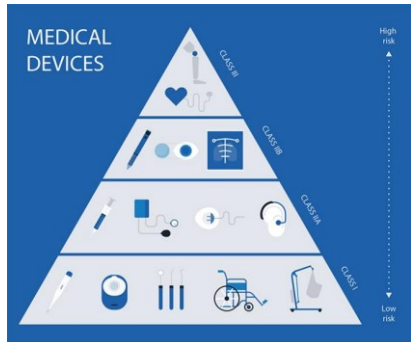




- ❖ Ricerca
- ❖ Sviluppo
- ❖ Valutazione
- ❖ Approvazione

- ❖ Informazione
- ❖ Conoscenza
- ❖ Fiducia

Digital - Software



Medicine - Outcomes

❖ Digital Health

❖ Digital Medicine



Si può tagliare a misura un quadrato di 5 cm di un sottile foglio di polietilene poroso, applicare una sottile striscia di adesivo sul bordo interno e applicarlo sul labbro superiore appena sotto le narici. Questo materiale ipoallergico può essere acquistato in qualsiasi grande magazzino al banco delle nozioni. Ha uno spessore di circa 3 mm e filtra le particelle di dimensioni pari o superiori a 1/60.000 cm. È possibile utilizzarne uno nuovo ogni volta che si desidera, poiché il costo è di circa 1 centesimo per filtro. Può essere utilizzato in ogni momento e in ogni luogo in cui il paziente lo ritenga utile, ed è comodo anche durante un'espiazione in un'auto durante l'inspirazione.

Allergy EUROPEAN JOURNAL OF ALLERGY
 AND CLINICAL IMMUNOLOGY



The reduction of rhinitis symptoms by nasal filters during natural exposure to ragweed and grass pollen

T. J. O'Meara, J. K. Sercombe, G. Morgan, H. K. Reddel, W. Xuan, E. R. Tovey

First published: 23 February 2005 | <https://doi.org/10.1111/j.1398-9995.2005.00741.x> | Citations: 37



February 28, 1972

A Practical Nasal Filter

FILTRI NASALI

1972

Edgar R. Hargett, MD

» Author Affiliations

JAMA. 1972;219(9):1213. doi:10.1001/jama.1972.03190350049026

Abstract

❖ Nuova?

To the Editor.— A 5-cm square, thin, porous polyethylene sheet can be cut to size, a thin strip of adhesive attached to the inner edge, and applied to the upper lip just below the nostrils. This hypoallergic material can be obtained in any department store at the notion counter. It is approximately 3 mm thick, and will filter out particles 1/60,000 cm or larger. A new one is available if desired, as the cost is about 1 cent per filter. It can be used at all times and in all places that the patient feels it helps, and is comfortable even during sleep. The valvular action allows free expiration, and a snug fit moves into place on inspiration. It can also be used over the stoma of laryngectomies and after tracheotomy. The material is commonly called "art foam." The photographs

❖ Innovativa?

❖ Rilevante?

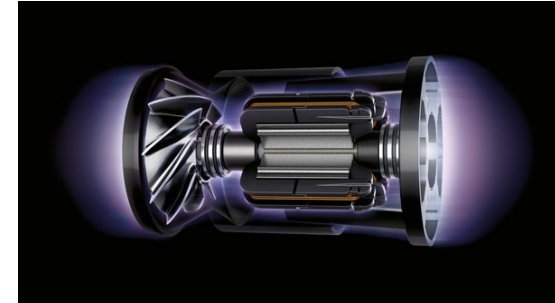
❖ Efficace?

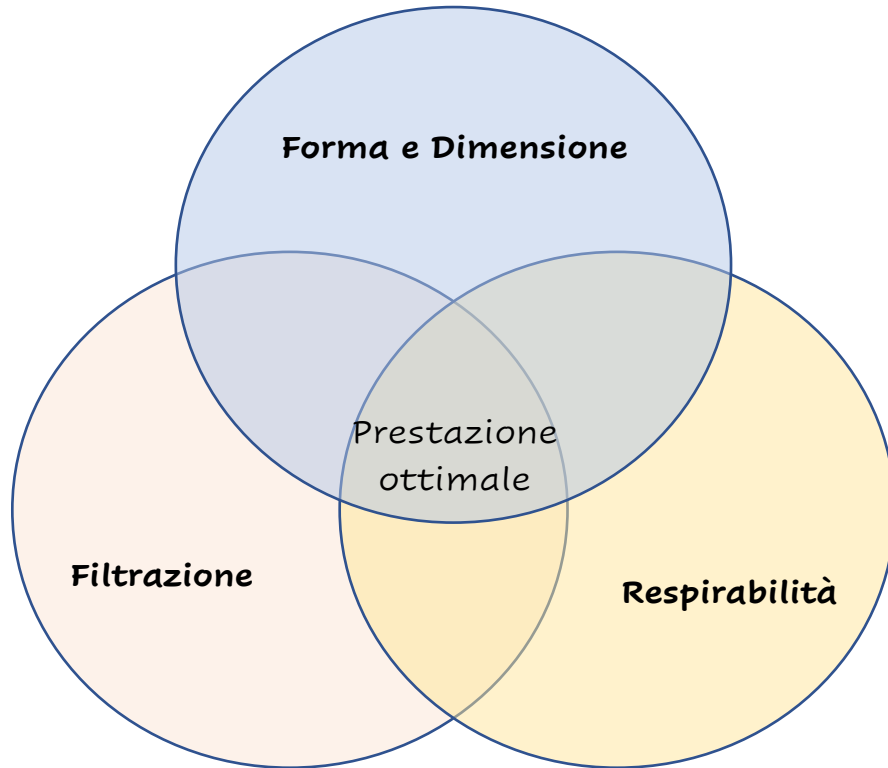
❖ Sicura?



Classi di particelle	Dimensioni
Pollini	10 - 100 µm
Acaro	10 - 100 µm
Patogeni	1 - 10 µm
Particolato	0.3 - 1 µm

Polline





Bilanciare 3 caratteristiche

VALUTAZIONE

❖ Prestazioni

❖ Efficacia Clinica

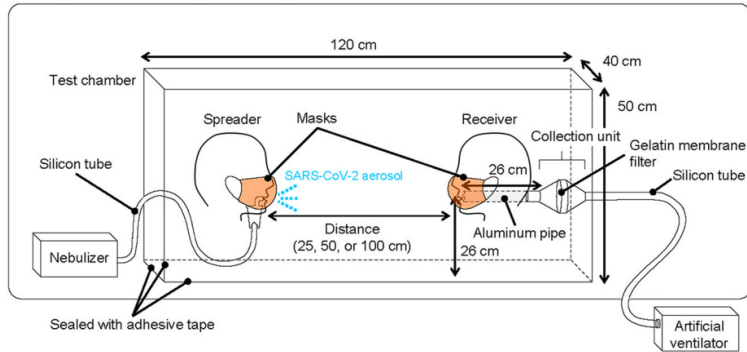
❖ Tollerabilità

- **LABORATORIO**

Metodologie validate e standardizzate per la misura della prestazione

- **AMBULATORIO**

Modelli sperimentali per la valutazione clinica

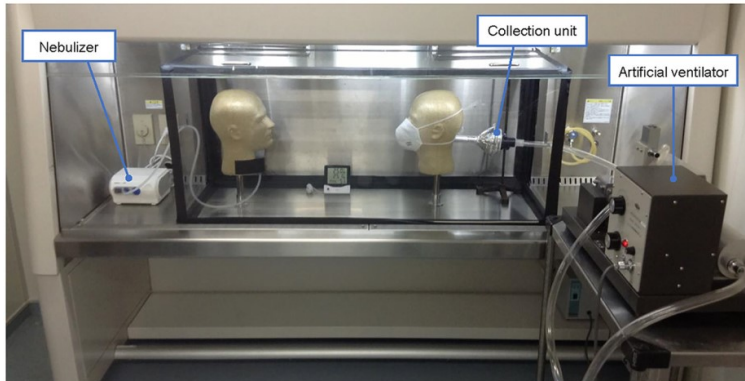


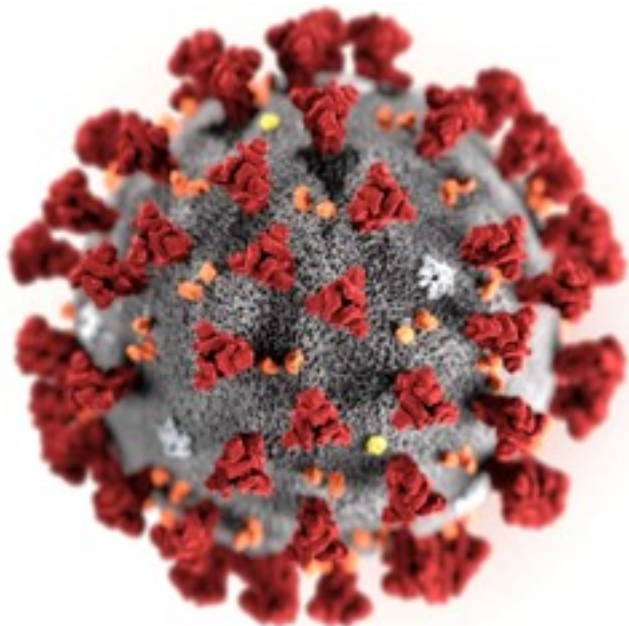
Effectiveness of Face Masks in Preventing Airborne Transmission of SARS-CoV-2

Hiroshi Ueki,^a Yuri Furusawa,^a Kiyoko Iwatsuki-Horimoto,^a Masaki Imai,^a Hiroki Kabata,^b Hidekazu Nishimura,^c Yoshihiro Kawaoka^{a,d,e}

Simulation system for airborne transmission of virus droplets / aerosols.

- A test chamber for airborne transmission experiments was constructed in a BSL3 facility, and two mannequin heads were placed facing each other.
- One mannequin head was connected to a customized compressor nebulizer and exhaled a mist of virus suspension through its mouth to mimic a viral spreader.
- The other mannequin head was connected to an artificial ventilator through a virus particle collection unit.
- Tidal breathing, conducted by the artificial ventilator, was set to a lung ventilation rate representative of a steady state in adults (i.e., 0.5 liter of tidal volume, a respiratory rate of 18 breaths/min, and a 50% gas exchange rate).
- Face masks were attached to the mannequin heads according to each manufacturer's instructions.





- Pazienti
- Medico
- Farmacisti
- Ente regolatori
- Ricercatori
- Produttori

Digital Medicine

Filtri Nasali

❖ RICERCARE

❖ VALUTARE

❖ INNOVARE