

### ***What is BOFAP?***

BOFAP is a disposable cardboard Bacterial-Viral filter.

### ***What is the purpose of BOFAP?***

The function of BOFAP is to drastically reduce the risk of contamination among patients

### ***In what tests is BOFAP used?***

BOFAP is used in spirometry and other short-term pulmonary function tests

### ***How is BOFAP used?***

BOFAP is used in place of cardboard mouthpieces and also in place of plastic BV Filters

### ***What does BOFAP look like?***

BOFAP is an ordinary cardboard mouthpiece inside which a bag of filter fabric is welded.

### ***How is it possible that BOFAP has the same functionality as BV Filters?***

Laboratory tests show that BOFAP can stop the same amount of particulate matter (Bacteria and viral droplets) as BV Filters

### ***How is BOFAP packaged?***

BOFAP is individually packaged in a film of transparent compostable material.

### ***With what equipment can BOFAP be used?***

BOFAP is used directly as a cardboard mouthpiece with MIR, COSMED, CONTEC, MICROMEDICAL, VIASYS, VITALOGRAPH, spirometers

### ***Is BOFAP certified?***

BOFAP is certified by CE0476 as a Class IIa Medical Device.

### ***How do I dispose of BOFAP after use?***

BOFAP can be disposed of with paper as it has the mark In this pandemic phase, however, there are special restrictions that force the disposal of all disposable Medical Devices as special waste



***Can the person performing the diagnostic test handle BOFAP before and after the test?***

BOFAP is individually packaged. Medical or paramedical staff will tell the patient to take a BOFAP from the container dispenser, open it, and insert it into the sensor of the instrument used for the test. Once the test is completed, the patient will follow the staff's instructions to place the used BOFAP in a bag for later disposal

***What does flow resistance depend on?***

The laws of hydraulics say that the resistance of a flow of air depends on the characteristics of the medium passed through and its surface area

***On what does the filtering capacity of BOFAP depend?***

The ability that BOFAP has to retain particles smaller than 1  $\mu$  (1 micron is a thousandth of a millimeter) depends on the properties of the fabric inside it

***Are the filtering capacity and flow resistance of BOFAP comparable to those of plastic BV filters?***

BOFAP has the same filter capacity as a plastic filter with an outer diameter of 100 mm. In fact, the inner material is of the same nature, and thanks to the goose-billed shape, the airflow crossing surface (exhaled and inhaled) is also the same size

***Does the filtering capacity and flow resistance of BOFAP depend on its direction of introduction into the device?***

BOFAP can be inserted into the device sensor in either direction. Neither the filter capacity nor the flow resistance changes because of this. BOFAP can be used bidirectionally.