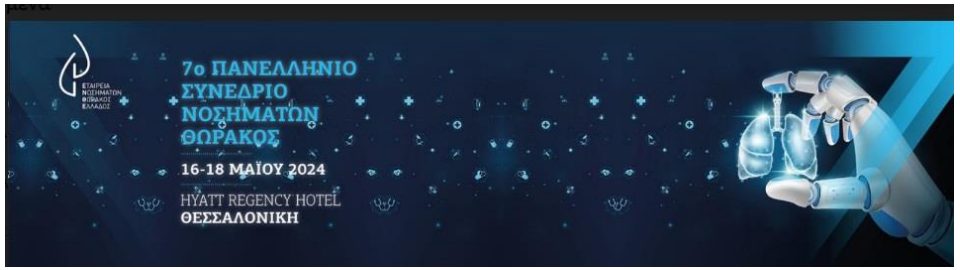
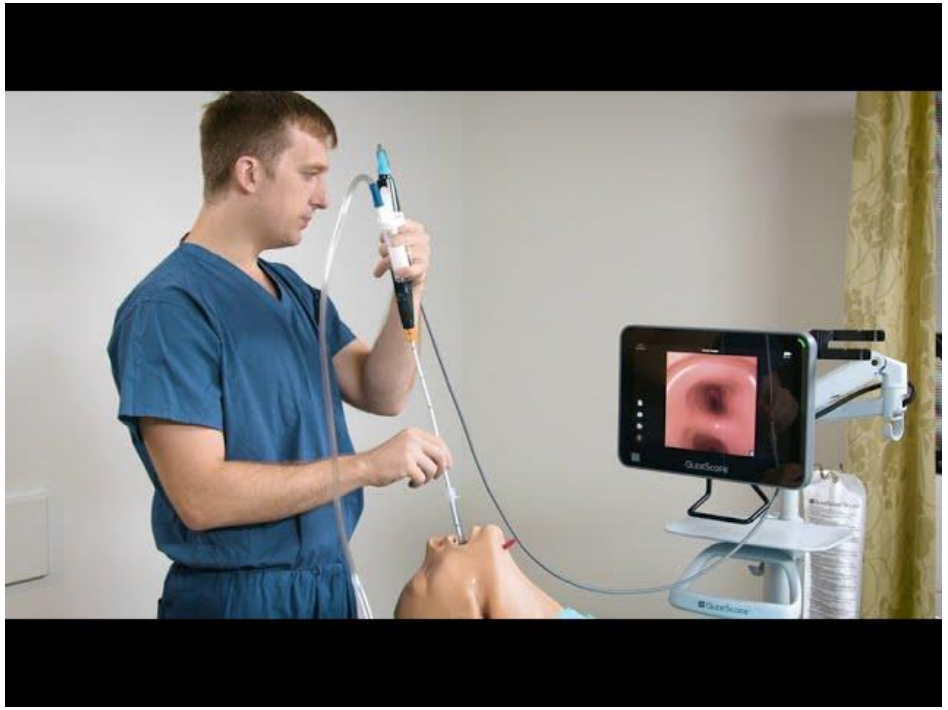
ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

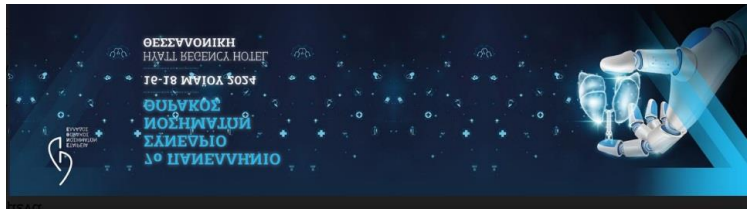


SUFB - ΤΕΧΝΙΚΗ MINI BAL & WASHING

MD, PhD, ΤΙΤΟΠΟΥΛΟΣ ΗΡΑΚΛΗΣ
ΕΠΕΜΒΑΤΙΚΟΣ ΠΝΕΥΜΟΝΟΛΟΓΟΣ
ΔΙΕΥΘΥΝΤΗΣ ΠΝΕΥΜΟΝΟΛΟΓΙΚΗΣ ΚΛΙΝΙΚΗΣ & ΜΟΝΑΔΑΣ ΕΠΕΜΒΑΤΙΚΗΣ ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ ΙΑΤΡΙΚΟΥ ΔΙΑΒΑΛΚΑΝΙΚΟΥ ΘΕΣΣΑΛΟΝΙΚΗΣ
ΠΡΟΕΔΡΟΣ ΕΤΑΙΡΕΙΑΣ ΝΟΣΗΜΑΤΩΝ ΘΩΡΑΚΟΣ ΕΛΛΑΔΟΣ



ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ



SCHEDULING TODAY

Imagine you need to fit four bronchoscopies into the day's schedule

Are you guaranteed a scope at the time you will need it and have the staff ready?

What's the turnaround on getting a clean scope?

If you have to wait until the next day for the scope, what consequences will delaying treatment have on your patients?

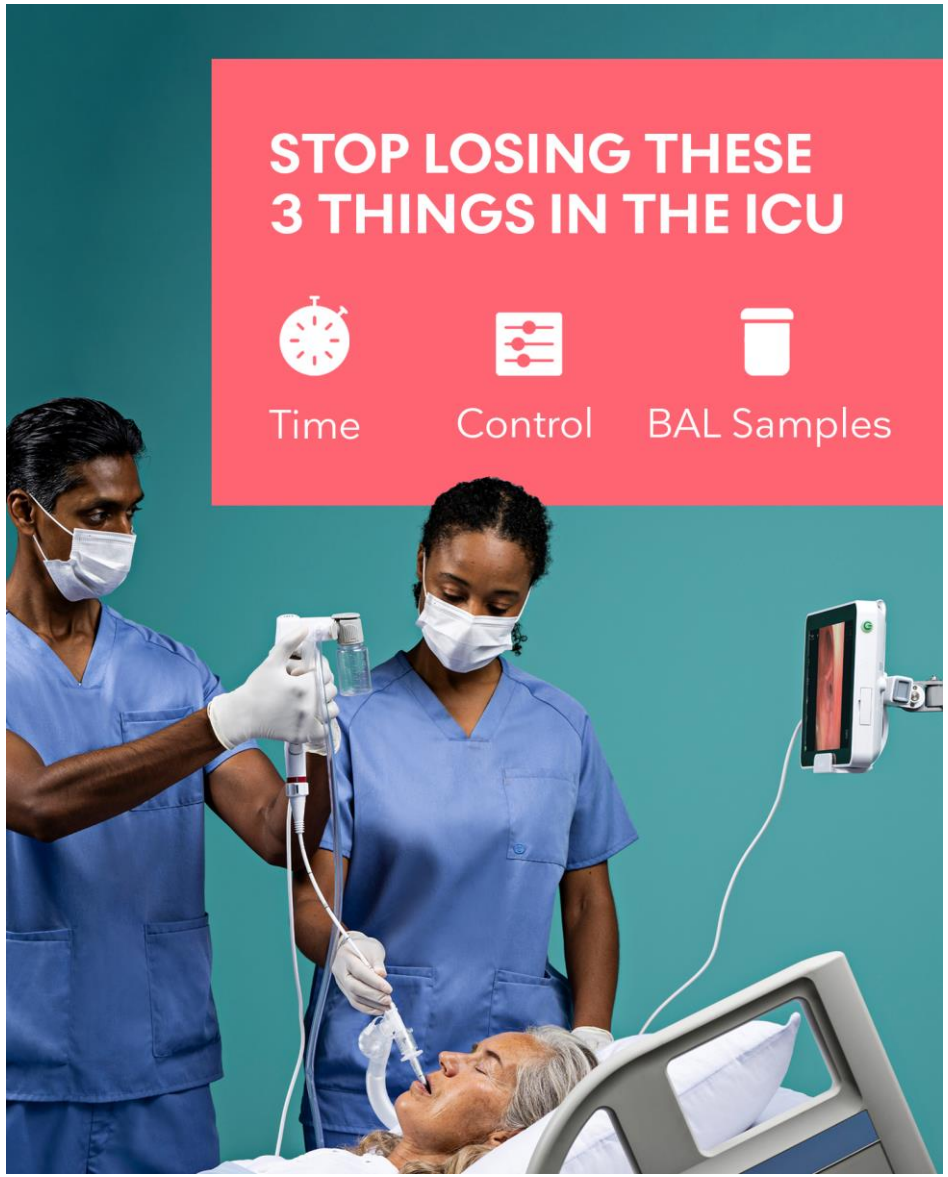
SCHEDULING WITH SUFB

Now imagine you can schedule the bronchoscopies whenever you need to and set up the system in seconds

You can do all the procedures first thing in the morning or push them until later

Even if later is 2 am, with SUFB you can always perform a BAL or BW procedure.

ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ



TIME: Ready when you are

- *In many ICUs, the standard practice has been to request a bronchoscope tower and then wait*
- *The wait could be 30 minutes, or it could be several hours*
- *Complications are compounded by staffing availability issues*
- *Who will be available at just the right time when the scope is ready?*

ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

Routine Examination Time (min)

Recovery Rate of BALF (%)

Bronchoscope Biopsy Time (min)

He *et al. BMC Pulmonary Medicine* (2023) 23:202

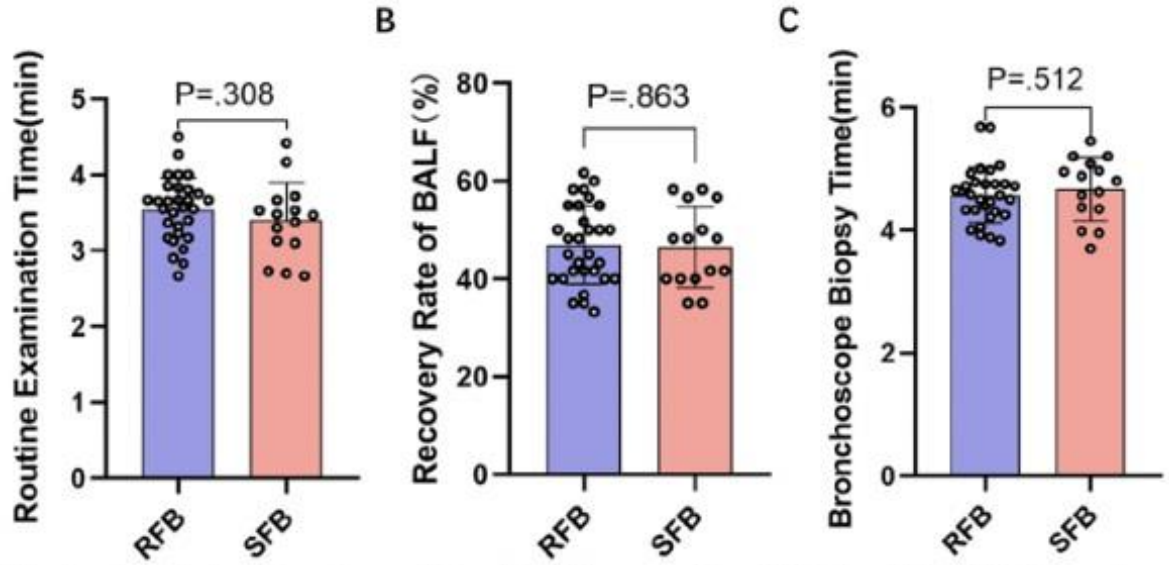


Fig. 2 **A**: Comparison of Routine Examination Time between RFB vs SFB; **B**: Recovery Rate of BALF from RFB vs SFB; **C**: Bronchoscope Biopsy Time from RFB vs SFB

ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

Can a single-use bronchoscope perform as well as a reusable one?

According to over 50 studies and an evaluation by two independent, experienced clinicians, the answer is yes. The Ambu aScope single-use bronchosocopy solution was assessed as easy to use and performed at a 100% success rate for BAL and BW in invasively ventilated critically ill patients.[2]

100%

ADVANCE TO MAJOR BRONCHIAL SEGMENTS

91%

SUCTION CAPACITY

96%

IMAGE QUALITY

ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

With single use bronchoscopes, we achieved a larger BAL volume yield than conventional bronchoscopes, with comparable cell yield and viability

Better volume yields can potentially reduce post procedure side effects such as pleuritic chest pain and cough

The risk of cross infection can be eliminated, providing reassurance to researchers and participants

Reduced maintenance requirements can be cost effective.

Picture 2: Getting ready for a bronchoscopy

ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

SUFBs are non-inferior to RUFBs in routine bronchoscopy, BAL and biopsy

It is suggested that SUFBs have a wider clinical application

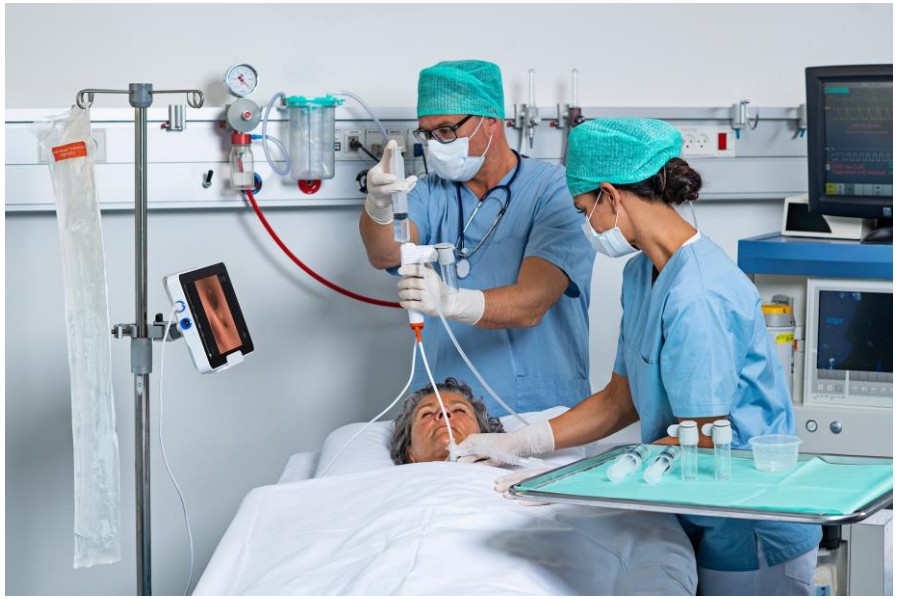
ΜΟΝΑΔΑ
ΕΠΕΜΒΑΤΙΚΗΣ
ΠΝΕΥΜΟΝΟΛΟΓΙΑΣ

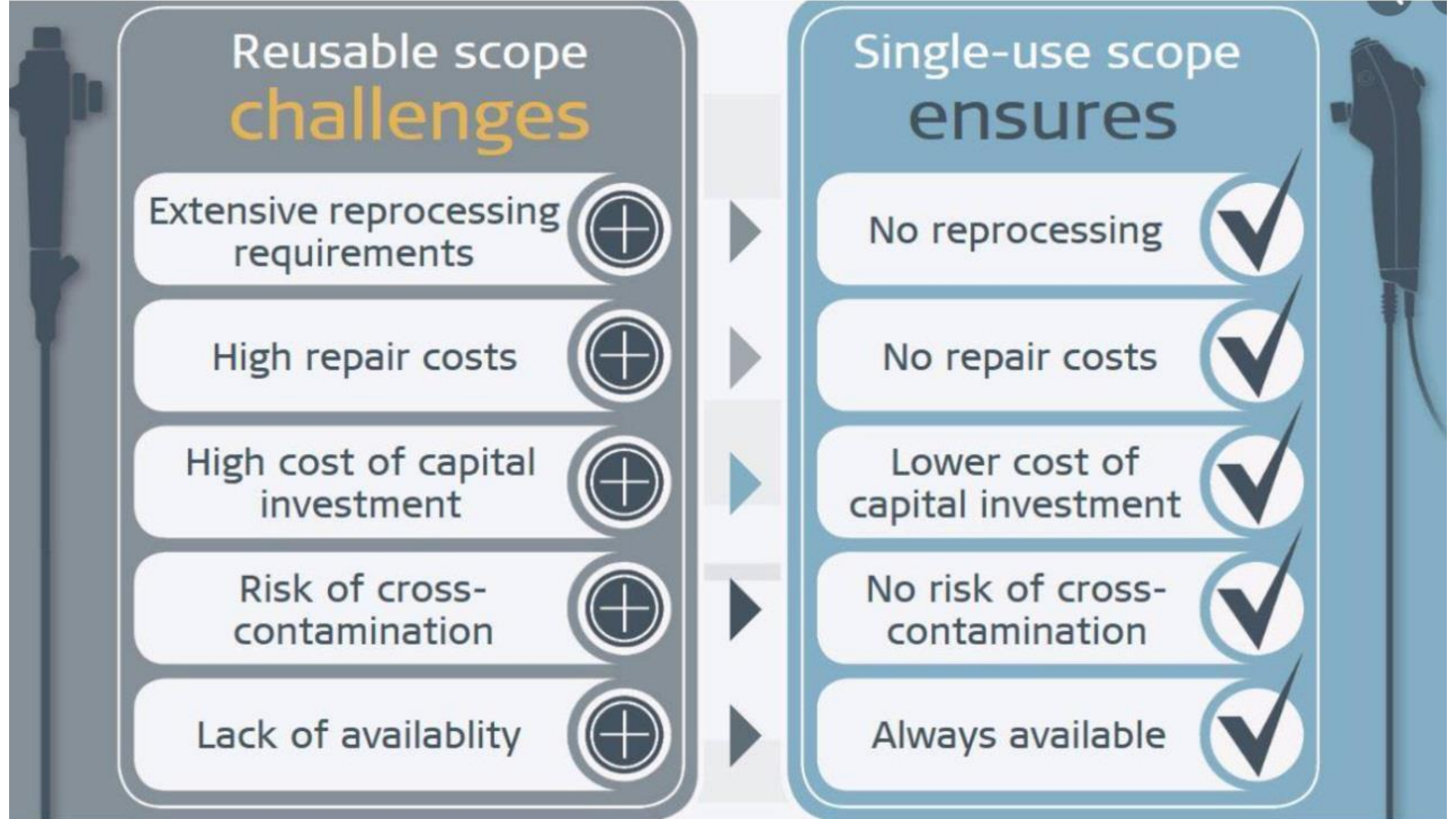
SUFB – ΤΕΧΝΙΚΗ MINI BAL & WASHING

Broncho alveolar lavage (BAL) is widely used for investigative research to study innate, cellular and humoral immune responses, and in early phase drug trials.

Conventional flexible bronchoscopes have time and monetary costs associated with cleaning, and carries a small risk of cross infection.

Single use bronchoscopes may provide an alternative




Reusable scope
challenges
Extensive reprocessing requirements
High repair costs
High cost of capital investment
Risk of cross-contamination
Lack of availablity
Single-use scope
ensures
No reprocessing
No repair costs
Lower cost of capital investment
No risk of cross-contamination
Always available