First Non-Invasive Diagnostic Tool for Cystic Fibrosis

Nasal brushing:
- painless
- effective
- even in newborns

Cell Culture:
- amplification of cells

Tight Monolayer:
- cells are seeded on filters

Four Filter Ussing Chamber:
- automatic recording of transepithelial potential + conductance
- fast, reliable, reproducible
- cells can be treated + measured again for days
- no contamination