



Supplemental Figure 1 : Microscopic observation of fine particles after IFN- β -1b nebulization.

IFN- β -1b (Extavia® Novartis) was reconstituted in 2 mL WFI and extemporaneously aerosolized with jet nebulizer MICROMIST® Nebulizer with in-Line Neb Tee® with valve from HUDSON RCI® (reference: 41745) for 1 min. **A.** and **B.** Particles of IFN- β -1b aerosol generated without respirator with a fixed flow of oxygen in the pneumatic nebulizer chamber. **C.** Particles of IFN- β -1b aerosol generated with a respirator using a pneumatic nebulizer (Dräger Evita XL ventilator). Particle diameter is shown in red. Magnification x40. n=3