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Daniel Lichtenstein is a medical intensivist working at Ambroise-Paré Hospital ICU (Paris-West, France) since 1989. His main work was to study since 1985 the aspects of critical ultrasound, and to create the CEURF, a personalized training center at the bedside in François Jardin's I.C.U, for teaching critical ultrasound. This discipline was officially defined in 1991 (Intensive Care Med 19:353-355) as the loop associating an ultrasound diagnosis with an immediate therapeutic action, as well as associated uses (venous cannulation, thoracentesis etc). Main publications: a textbook (six editions from 1992 to 2016, at Springer-Verlag) and two dozens of publications in international literature, mostly focused on lung ultrasound. Main articles: BLUE-protocol (lung & venous ultrasound in acute respiratory failure). FALLS-protocol (lung ultrasound for diagnosis and management of acute circulatory failure). Lung ultrasound in the critically ill neonate.

DL is President of CEURF, visiting Professor since 2007, animated more than 450 lectures in more than 40 countries.

CEURF pinpoints on a holistic use of critical ultrasound, favoring the use of a simple equipment, one universal probe for the whole body, emphasis on lung ultrasound, adapted venous ultrasound and (as a result) simple cardiac sonography, among its main features.