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Diaphragmatic excursion and ventilation | *Angela Briganti & Chiara Di Franco*

Diaphragmatic excursion (DE) was used in human medicine (HM) to detect respiratory problems since the end of 80s. In recent years, the use of ultrasound for the evaluation of DE in HM has been used to detect several problems like phrenic-nerve-injury-induced diaphragmatic paralysis, weaning critically ill patients or chronic kidney disease patients with hemodialysis. The goals of our lectures will be to describe the point of care diaphragmatic ultrasound, discuss about the different techniques for evaluating the diaphragmatic function in awake and ventilated patients.