



Digital-Rapid On-site Examination in Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (DEBUT): a proof of concept study for the application of artificial intelligence in the bronchoscopy suite

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	This single-page version can be shared freely online.
Copyright ©The authors 2021. For reproduction rights and permissions contact permissions@ersnet.org Received: 17 March 2021 Accepted: 6 June 2021	To the Editor: Endobronchial ultrasound guided transbronchial needle aspiration (EBUS-TBNA) has become the standard of care for sampling mediastinal and hilar lesions and is finding increased acceptance for diagnostic as well as staging purposes [1]. EBUS-TBNA is an expensive procedure due to the high cost of equipment [2]. A repeat procedure in case of an inconclusive outcome adds to the burgeoning expenditure. To circumvent this, rapid on-site examination (ROSE) has been adopted to reduce the number of needle punctures and decrease the requirement for additional procedures [3]. However, ROSE requires presence of a pathologist or cyto-technicians in the bronchoscopy suite.