

A Stepwise Approach for Performing Ultrasound Guided Transthoracic Lung Biopsy

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Citation

Laursen, C.B., Bhatnagar, R., Juul, A.D. A Stepwise Approach for Performing Ultrasound Guided Transthoracic Lung Biopsy. *J. Vis. Exp.* (201), e65769, doi:10.3791/65769 (2023).

Date Published

November 3, 2023

DOI

10.3791/65769

URL

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Materials

Name	Company	Catalog Number	Comments
Ambu BlueSensor R	Ambu	R-00-S/25	ECG patches
BD PosiFlush SP Syringe 5 mL	BD	306574	Syringe with 5 mL 0.9% NaCl
Blunt Fill Needle with 5 Micron Filter (18 G x 11/2")	Sol-Millennium Medical Inc.	BN1815F	18 G needle
C1-6VN ultrasound transducer	GE Healthcare	5476279	Ultrasound transducer
C2-9D ultrasound transducer	GE Healthcare	5405253	Ultrasound transducer
CARBON STEEL SURGICAL BLADES	Swann-Morton	203	Scalpel blade
Disinfection wipe (82% ehanol + 0.5% chlorhexidine)	Vitrex Medical A/S	527297	Disinfection wipe
Disposable needle single use (0.80 mm x 80 mm)	Misawa Medical Industry Co., Ltd.	K070001	80 mm 21 G hypodermic needle
EKO GEL	Ekkomed A/S	29060008-29	Ultrasound gel
Formalin system, buffered formalin solution 450 mL	Sarstedt	5,11,703	Biopsy specimen contained and relevant fixation liquid (e.g. formaldehyde)
GAMMEX Latex	Ansell	330048075	Sterile gloves
KD-JECT 20 mL	KD Medcial GmbH	820209	20 mL syringe
Klorhexidin sprit 0.5% 500 mL	Fuckborg Pharma	212045	Disinfectant
Lidokain Mylan 10 mg/mL, 20 mL	Mylan	NO-6042A1	Local anesthetic (20 mL, 2% lidocaine)
LOGIQ E10	GE Healthcare	NA	High-end ultrasound machine
Mölnlycke BARRIER Adhesive Aperture Drape (50 x 60 cm / 6 x 8 cm)	Mölnlycke Healthcare AB	906693	Adhesive surgical drape with a central hole
Mölnlycke Gauze 10 x 10 cm	Mölnlycke Healthcare AB	158440	Swaps for applying disinfectant
Philips IntelliVue X2	Philips	NA	Patient monitoring system
Raucodrape PRO 75 x 90 cm	Lohmann & Rauscher International GmbH & Co	33 005	Sterile drape for procedure table
SEMICUT 18 G x 100 mm	MDL	PD01810	18 G x 100 mm core biopsy needle

SEMICUT 18 G x 160 mm	MDL	PD01816	18 G x 160 mm core biopsy needle
S-Monovette, 25 mL, for Formalin system, (LxØ): 97 x 25 mm, with paper label	Sarstedt	9,17,05,001	Biopsy specimen container
Sterican (0.80 x 120 mm BL/LB)	Braun	4665643	120 mm 21 G hypodermic needle
Tegaderm I.V.	3M	1633	I.V. Transparent film dressing with border
Ultra-Pro II Disposable Replacement Kits	CIVCO	610-608	For use with GE Healthcare C2-9 transducer
Ultra-Pro II In-Plane Ultrasound Needle Guides-Multi-Angle	CIVCO	H4913BA	For use with GE Healthcare C2-9 transducer
Verza Needle Guidance System for VerzaLink™ Transducers	CIVCO	610-1500-24	For use with GE Healthcare C1-6 transducer
Verza Ultrasound Needle Guidance System	CIVCO	H4917VB	For use with GE Healthcare C1-6 transducer