

Endotracheal Intubation via Tracheotomy and Subsequent Thoracotomy in Rats for Non-Survival Applications

Alexander Studier-Fischer^{1,2,3,4}, Berkin Özdemir^{1,3,4}, Karl-Friedrich Kowalewski^{2,3,4}, Caelan Max Haney^{2,3,4,5}, Maurice Stephan Michel^{2,3,4}, Gabriel Alexander Salg¹, Franck Billmann¹

¹Department of General, Visceral, and Transplantation Surgery, Heidelberg University Hospital ²Department of Urology and Urosurgery, University Medical Center Mannheim, Medical Faculty of the University of Heidelberg ³Intelligent Systems and Robotics in Urology (ISRU), German Cancer Research Center (DKFZ) Heidelberg ⁴DKFZ Hector Cancer Institute, University Medical Center Mannheim ⁵Department of Urology, University Hospital Leipzig

Corresponding Author

Alexander Studier-Fischer
alexander@studier-fischer.com

Citation

Studier-Fischer, A., Özdemir, B., Kowalewski, K.F., Haney, C.M., Michel, M.S., Salg, G.A., Billmann, F. Endotracheal Intubation via Tracheotomy and Subsequent Thoracotomy in Rats for Non-Survival Applications. *J. Vis. Exp.* (205), e66684, doi:10.3791/66684 (2024).

Date Published

March 15, 2024

DOI

10.3791/66684

URL

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Materials

Name	Company	Catalog Number	Comments
Ambu Spur II Single-Use ventilation bag for neonates	Meier Medizintechnik	335 102 000	Ventilation bag
BD Microlance 3 cannula 20 G	BD (Beckton, Dickinson)	301300	Cannula
BD Microlance Discardit II 20 mL Syringe	BD (Beckton, Dickinson)	300296	Plastic syringe
Fixation rods	Legefirma	500343896	Tuning forks used as y-shaped metal fixation rods
Heat-shrinking tube	Sekesoer	RSG-400	Heat-shrinking tube
Intravenous catheter	BD (Beckton, Dickinson)	393230	BD Venflon Pro Safety intravenous catheter 14 G; shortened using scissors; alternatively 16 G or 18 G can be used
Plastic perfusor tube	M. Schilling GmbH	S702NC150	Connecting tube COEX 150 cm
Polyfilament suture	COVIDIEN	CL331	Polyfilament surgical suture recommended with a strength of 1 to 2; needle can be removed
Royal Gardineer Heating Pad Size S, 20 Watt	Royal Gardineer	IP67	Heating pad
Seldinger guide wire	VYGON	115.798	Metal guide wire from the arterial leadercath set
Silicone vessel loop tie	SERAG WIESSNER	SL26	Silicone vessel loop tie 2.5 mm red
Sprague Dawley rats	Janvier Labs		Male rats weighing 400 grams
Steel plate	Maschinenbau Feld GmbH	C010206	Galvanized sheet plate, 40 x 50 cm, thickness 4.0 mm