SOMATEX®
Medical Technologies GmbH

Lung Marker System

The CT-guided Marking of Pulmonary Nodules before VATS

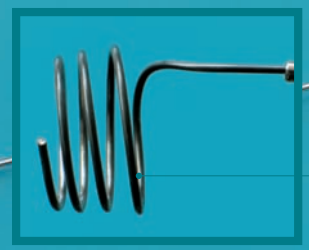
SAFETY TO THE MAX

Lung Marker System – extending the scope of VATS*

The **Somatex® Lung Marker System** is used for the CT-guided marking of non-visible round foci near the pleura before VATS. Clinical experience with the spiral wire marking system has shown that pre-operative marking of pulmonary foci may be a significant factor in the reliable tracing and identification of the tissue requiring resection. Problems in tracing round foci near the pleura constitute a significant limitation in the scope of VATS and often necessitate a switch from thoracoscopy to thoracotomy. The use of wire markers specially developed for lung parenchyma extends the scope of application of VATS and so constitutes a major step towards lower impact, minimally invasive interventions.

Percutaneous CT-guided punction is a widely-used and reliable method. By using high-tech material, the wire system can be located very close to the round focus because it uses a needle with only 18-Gauge thickness. The spiral form of the marker gives the wire the best possible anchoring characteristics given the softness of lung tissue. If the wire is located in the wrong place it can be recovered with the cannula still in position, released and replaced in the correct location.

* Video-Assisted Thoracoscopic Surgery



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Using a Dedicated Lung-Marker System for Localization of Pulmonary Nodules Before Thoracoscopic Surgery
Bernhard L. Partik, Ann N. Leung, Michael R. Müller, Martin Breitenseher, Franz Eckersberger, Gerhard Dekan, Thomas H. Helbich, Viktor Metz
AJR 2003; 180: 805–809
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A New Safe and Stable Spiral Wire Needle for Thoracoscopic Resection of Lung Nodules
Massimo Torre, Giorgio M. Ferraroli, Angelo Vanzulli and Stefano Fieschi
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G. Gaffke, C. Stroszczynski, B. Rau, U. Liebeskind, M. Hünerbein, S. Bayraktar, P. M. Schlag, R. Felix
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Success an Complication Rate of CT-Guided Marking of Pulmonary Nodules with Coil Wires for Video-Assisted Thoracoscopic Surgery (VATS)
K. Krüger, G. Eyl, C. Morgenroth, P. Schneider, A. Hoelscher, K. Lackner
RöFo – Fortschritte auf dem Gebiet der Röntgenstrahlen und der bildgebenden Verfahren 2006; 178: 1250–1254

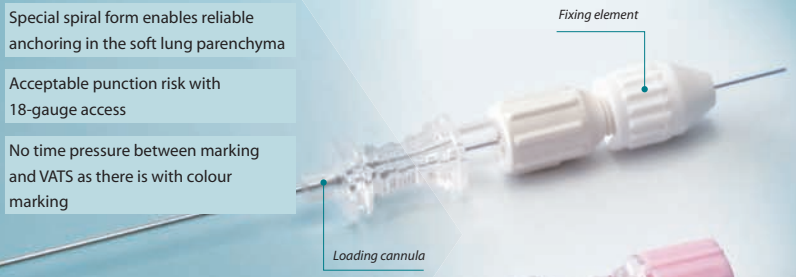
Use
Advantages
Product options

Advantages at a glance

- Wire system can be corrected because of the coaxial loading cannula technique
- CT fluoroscopy enables easy location
- Special spiral form enables reliable anchoring in the soft lung parenchyma
- Acceptable punction risk with 18-gauge access
- No time pressure between marking and VATS as there is with colour marking

Use

- Histology determination where dignity is unclear
- Resection of small, round foci near to pleura where VATS is indicated



Pictures: Dr. Patrik Rogalla, Charité Berlin

Lung Marker System

Order no.	Gauge	Diameter	Length
272 012	18	1.2 mm	120 mm
272 015	18	1.2 mm	150 mm

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