

ATLAS-3D-LNS

Fully automated navigation system
for all CT – guided interventions.

Make it simple and fine.



ATLAS-3D-LNS

Laser based navigation system for computertomographically guided interventions.

Optimise your CT – guided interventions with the amedo-3D-LNS

Easy to use, fast and highly precise

The 3D-LNS laser navigation system is your reliable assistant for all kinds of CT-guided interventions. ATLAS-3D-LNS facilitates any kind of CT-guided intervention: whether simple drainage with axial access or a complicated tumor therapy with several double – angulated needles. According to your interventional plan ATLAS-3D-LNS indicates the skin puncture site by laser. Insert the needle at the laser point and align the needle to the laser beam. The laser marks the puncture trajectory. Insert the needle up to the indicated depth. Now you have reached your destination.

Optimised workflow, reduced radiation exposure

The ATLAS-3D-LNS is perfectly integrated into the interventional workflow. It provably saves procedure steps, control scans and time up to 50 %.

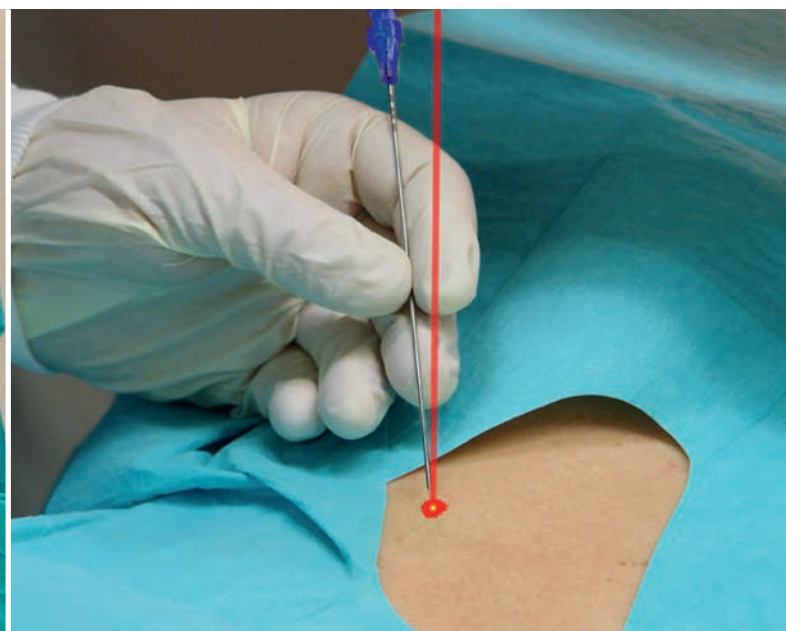
Efficient, low risk, cost saving, patient friendly

- The costs of treatment are reduced thanks to higher CT-utilization and a reduction of additional disposables.
- Depending on the treatment method and frequency, return of investment is achieved after only a few months (example calculations on request).
- Risks and follow-up treatments are avoided.
- Quality and calculability of the treatment process are significantly improved.
- Customer perception and satisfaction are enhanced thanks to quick, pain-reduced and low-radiation treatment.

Clinical studies

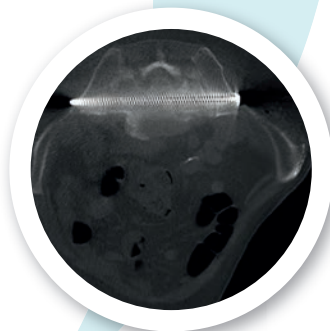
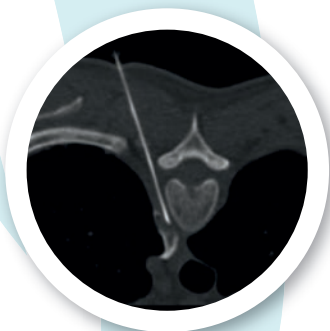
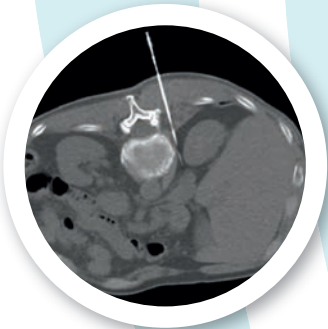
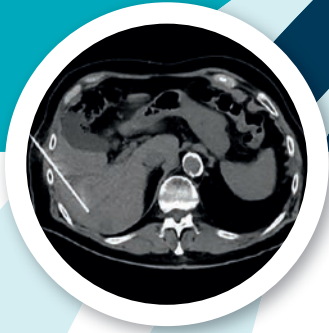
Publications and studies can be found in EuropeanJournal of Radiology.

Latest studies at www.atlas4d.de



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Applications:

- Biopsy
- Tumor therapy
- Pain therapy
- Peridurale therapy of spinal nerves
- Trauma surgery

Customer feedback

“In our university hospital we perform by now 100% of the CT interventions with the 3D-LNS. It is lean and easy in handling! The short set up time is important for daily and even unexpected use. We experience treatment time reduction of about 30 min. for difficult angulated long needle interventions. Our current study proves an x-ray exposure reduction of about 50%. Risks could be reduced for our young colleagues.”

[Prof. Dr. med. Zech, Universitätsspital Basel](#)

“We could expand our range of applications and enlarge our clientele by the use of LNS. Very important for our choice was the freedom of movement and the remaining tactile feedback of the needle.”

[Dr. Dziedzic, Herzzentrum Berlin](#)

“The change from free hand interventions to navigated interventions was very easy for us because the work flow is very similar. We perform our interventions more efficiently because we are quicker and more precise.”

[Prof. Dr. med. Grönemeyer](#)

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