



**MEDICAL
TEMPLATES**

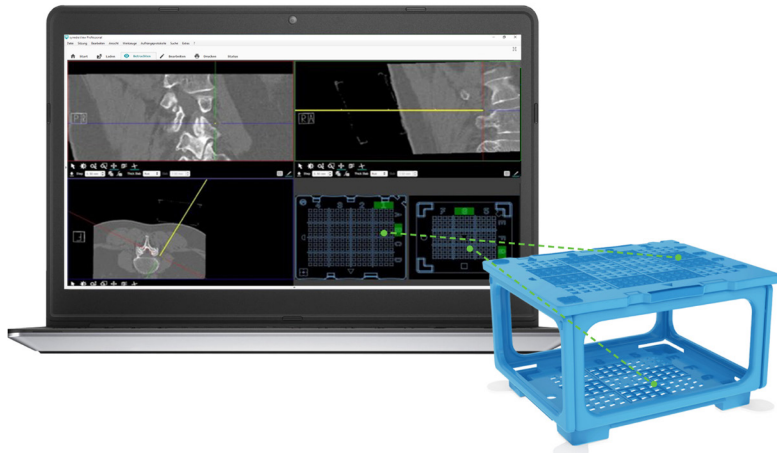
guided interaction.

PUNCTURE CUBE

**IMAGE GUIDED INTERVENTIONS:
SIMPLE AND PRECISE**



THE PUNCTURE CUBE



Challenge

- ▶ Needle guided navigation is commonly done in a trial & error freehand method. This can be time-consuming, inaccurate and radiation intense, in particular when a double-oblique access route is warranted.

Solution

- ▶ The Puncture Cube combines an intelligent planning software with a single use, sterile guidance device. A simple, revolutionary solution for CT guided interventions.

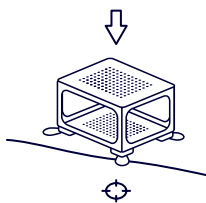
Pain therapy



Biopsies

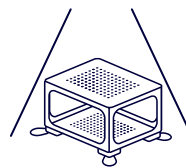


Interventional oncology



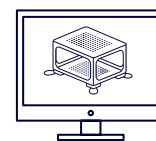
1. Place

Place Puncture Cube over target region



2. Scan

Scan patient including Puncture Cube



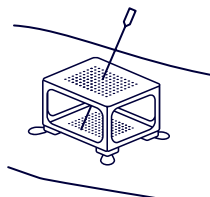
3. Detect

Puncture Cube is automatically detected



4. Target

Use software to target with virtual needle



5. Puncture

Move needle through holes highlighted by software

MEDICAL ADVANTAGES

Intuitive & fast usage



3D-guidance enables double oblique interventions



High positioning accuracy

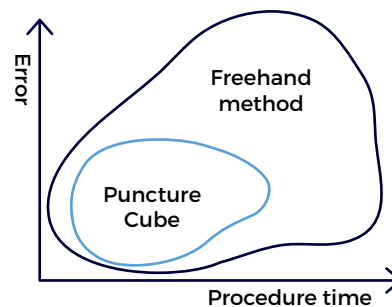


Sterile, single use: safe & easy handling



Clinical Evidence In vitro study showed

- ▶ Higher accuracy
- ▶ Less control scans
- ▶ Lower distance to target
- ▶ Less variance in all variables compared to freehand method



PRODUCT ADVANTAGES

Compatible with any conventional CT



No upfront costs, no CT modifications



Simple cost structure

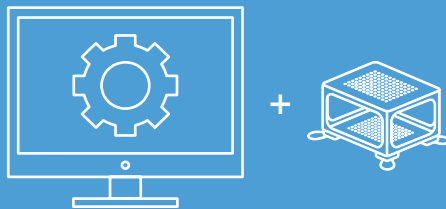


Streamline workflow by integrating technician into planning



Software

- ▶ Simple connection to CT or PACS through standard DICOM interface
- ▶ Base software from established supplier
- ▶ Regular automated updates and professional support



Package

- ▶ Simple cost structure - pay only for Puncture Cubes and get software for free
- ▶ Get starter package: 20 Puncture Cubes & software
- ▶ Product pre-assembled for fast usage



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