



FAQ

MagVenture Atlas™ Neuro Navigation System
– Stay on course

Neuro navigation coil positioning systems have been used for many years in TMS research but are newer in clinical applications. Therefore, we've compiled answers to the most frequently asked questions about MagVenture's new coil positioning system, Atlas™. If you have a question that is not answered below, please contact us directly.

FAQ

Q: Why should I change to the MagVenture Atlas™ Neuro Navigation System?

A: With Atlas™ you can offer your patients advanced neuro navigation technology from NDI that targets their individual treatment spots with high precision.

Atlas™ offers several benefits for both the TMS clinician and the patient. It uses the patient's unique MRI data set and treatment locations for very precise and individualized coil positioning. Atlas™ uses an automated process for fast, easy and reliable re-positioning for repeat treatments which creates a more time-efficient workflow for TMS clinicians.

Atlas™ makes it possible for patients to follow a visual representation of their MRI combined with real-time pulsed EM tracking of the treatment coil in relation to their head position. This means they can be more involved in the process and may experience greater confidence in the accuracy and consistency of treatment.

Q: Does Atlas™ replace the cap and marking plate system?

A: Atlas™ does not replace the marking plate system which is a reliable and effective method of coil positioning. However, Atlas™ offers a more sophisticated, high-end patient and operator experience. Knowing that the patients are receiving treatment using extremely advanced, leading-edge technology may also contribute to increased trust in the treatment.

Q: What are the main advantages of using Atlas™ from an operator point of view?

A: Atlas can contribute to time savings over a full course of treatment by optimizing the coil re-positioning. It creates a streamlined workflow with fast, easy and reliable coil placement. Atlas™ targets brain areas indicated on the patient's MRI scan with high precision. Using patients' stored coordinates allows for easy, highly consistent repeatability, reducing treatment variability.

As a clinic manager and clinician you can feel confident that you will perform TMS treatments with consistent coil placement every time.

Because it uses pulsed Electro Magnetic (EM) tracking technology, Atlas™ takes up less space than infrared camera options. EM tracking also eliminates line-of-sight issues, which means the operator has freedom of movement for themselves and equipment in the space around the patient.

Q: What are the main advantages of using Atlas™ from a patient point of view?

A: Patients can engage more in the treatment process because they can see a visual representation of their MRI scan and observe the pulsed EM tracking of the treatment coil in relation to their head position in real-time. This may mean that they experience greater trust in the accuracy and consistency of treatments.

Patients experience a more sophisticated, streamlined and advanced treatment processes with Atlas™, which may be more attractive to some clients.

Q: How does Atlas™ work together with my existing MagVenture products?

A: MagVenture Atlas™ Neuro Navigation System is a dedicated MagVenture product and has been designed to integrate with all MagVenture stimulators and the following coils: C-B60, Cool-B65, Cool-B70, Cool D-B80, MCF-B65, MCF-B70 and C-B70.

Q: How will the Atlas™ system physically fit into my existing clinic?

A: Atlas™ is lightweight and easy to set up, taking up significantly less space than coil positioning systems that use camera tracking.

Q: How is the software interface experience?

A: The Atlas™ interface is straightforward and user-friendly. It has been designed to be easy to use and contribute to a streamlined workflow.

Q: What are the benefits of using Electro Magnetic (EM) tracking for positioning instead of infrared cameras?

A: When used for TMS coil positioning, Electro Magnetic (EM) tracking from NDI offers several benefits. It eliminates line-of-sight issues, giving the operator freedom to move around the patient without the limitation of maintaining the line of sight between camera, patient and equipment.

Fewer hardware components means that the lightweight and portable Atlas™ system takes up significantly less space in comparison to camera tracking systems. EM positioning also contributes to greater affordability of the overall system compared to camera tracking which is more expensive.

Q: Can interference or distortion be an issue with Electro Magnetic (EM) tracking?

A: When used with MagVenture's own products there are no issues with interference or distortion from other equipment if used according to the instructions for use. Interference by non-MagVenture products can be an issue when using EM tracking if they are not set-up in the right way.

Q: Is installation of the Atlas™ Neuro Navigation System included when I buy it from MagVenture?

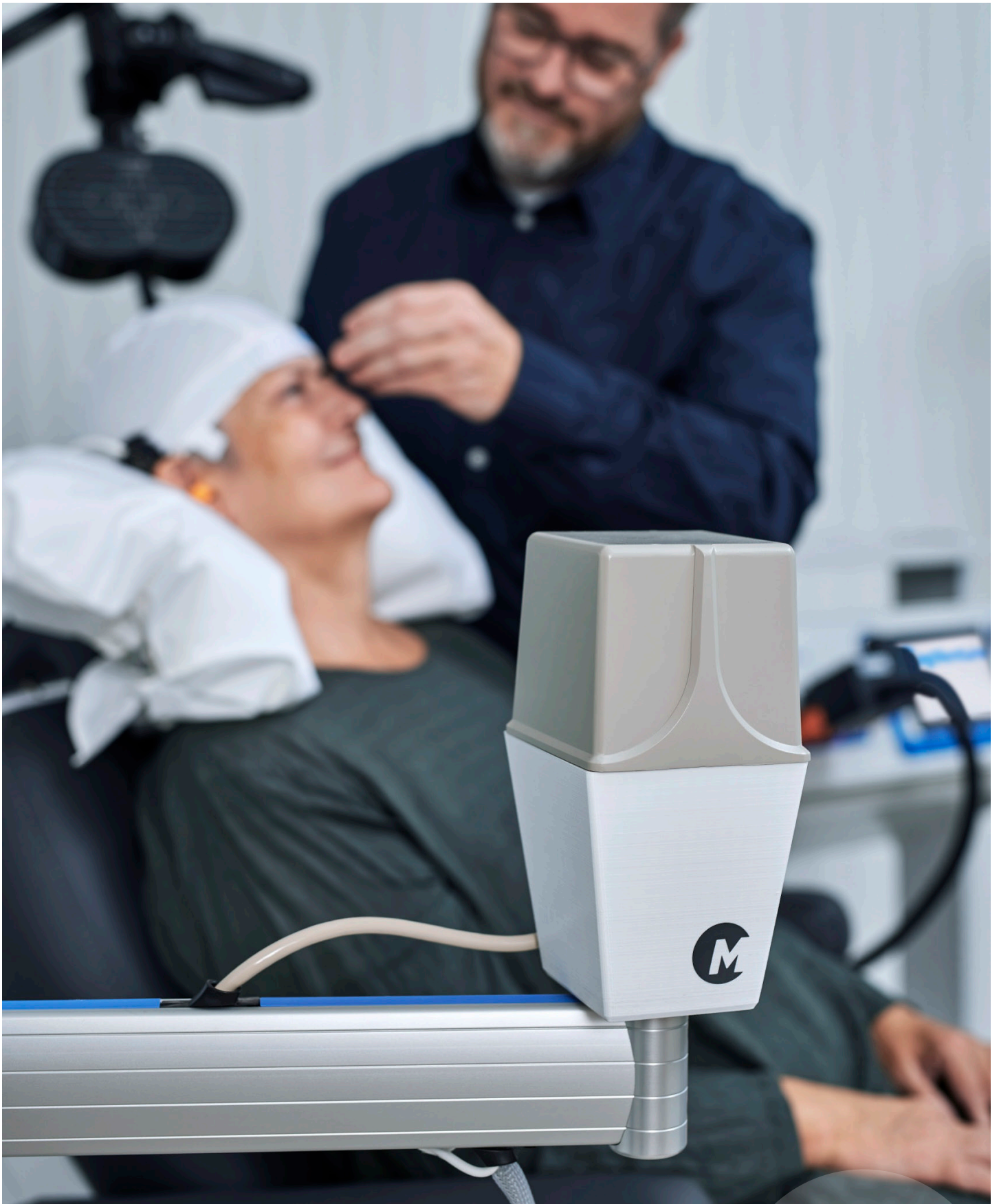
A: Yes, installation is included with every Atlas™ purchase.

Q: Will I be trained in using the Atlas™ Neuro Navigation System when I buy it from MagVenture?

A: Yes, training is included with every Atlas™ purchase. When you purchase Atlas™, you will gain access to our repository of training videos, useful resources, and support information.



View Atlas™ video



The MagVenture TMS Atlas Neuro Navigation System is a neuro navigation system indicated for accurate positioning of the treatment coil of the MagVenture TMS Therapy system with respect to target brain regions based on data obtained from MRI measurements. Specifically, the MagVenture TMS Atlas Neuro Navigation System is indicated for use with the following MagVenture treatment coils manufactured by Tonica Elektronik A/S: C-B60, Cool-B65, Cool-B70, Cool D-B80, MCF-B65, MCF-B70, and C-B70

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