How Optical Tracking Works

NDI'S PASSIVE REFLECTIVE MARKER SPHERES AND POLARIS OPTICAL TRACKER

Similar in concept to vehicle GPS navigation, tracking data can be used to visualize a surgical instrument's location relative to patient image sets, and to plan and navigate the instrument's path to the target/treatment site.



calculate the transformations (poses) of the instrument.

 Tracking data are communicated to the host application for real-time visualization of instruments relative to patient image sets.



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