

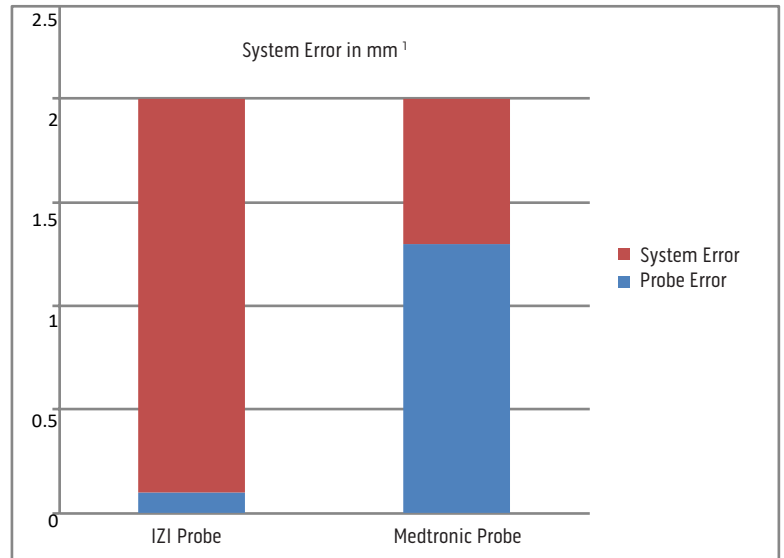
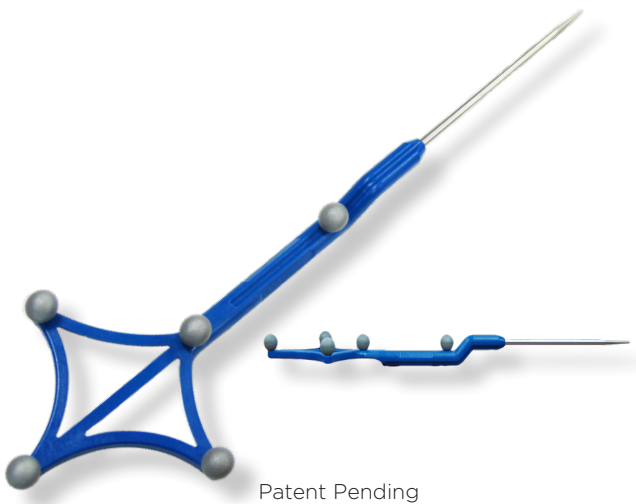


Technical Bulletin

Disposable Passive Array: Disposable Passive Blunt Probe

Disposable Passive Blunt Probe

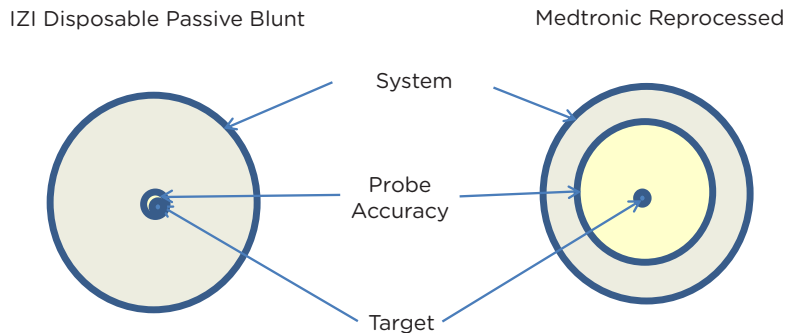
Currently all IGS procedures utilize reusable instruments that are cleaned, reprocessed, and sterilized before each case. During that process instruments can become damaged or bent, but not so significantly that they are discarded. It is in these cases where the probes are slightly bent but still within tolerance that accuracy is sacrificed. The new IZI Disposable Passive Blunt Probe offers a greatly improved standard care of accuracy when compared to the reusable probe. This is achieved through our consistent calibration and the benefit of a brand-new instrument for every patient.



Geometric Variability

Geometric Variability was measured for a population of probes currently in use in the field and was compared to new IZI Disposable Passive Blunt Probes.

The geometric consistency was determined for each population, and the mean and median of the respective populations were found to be significantly different.



The IZI Disposable Passive Probes proved to be 10 times more accurate than reprocessed probes.

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¹Navigation with the StealthStation™ in Skull Base Surgery: An Otolaryngological Perspective - IZI FS1-DP-2015