

# Injeq IQ-Tip<sup>®</sup> system – Next level performance for lumbar punctures

Injeq IQ-Tip<sup>®</sup> products are designed and manufactured to meet the requirements of the new European Medical Device Regulation (MDR 2017/745). As a medical device manufacturer, Injeq applies standard ISO 13485:2016 in its quality system. European market entry for the innovative Injeq IQ-Tip<sup>®</sup> system is expected in 2021.

The clinical performance and safety of Injeq IQ-Tip<sup>®</sup> system have already been evaluated in three clinical trials in university hospitals. The smart needle system is safe and feasible for lumbar punctures from neonates<sup>1</sup> to older adults<sup>2</sup>.

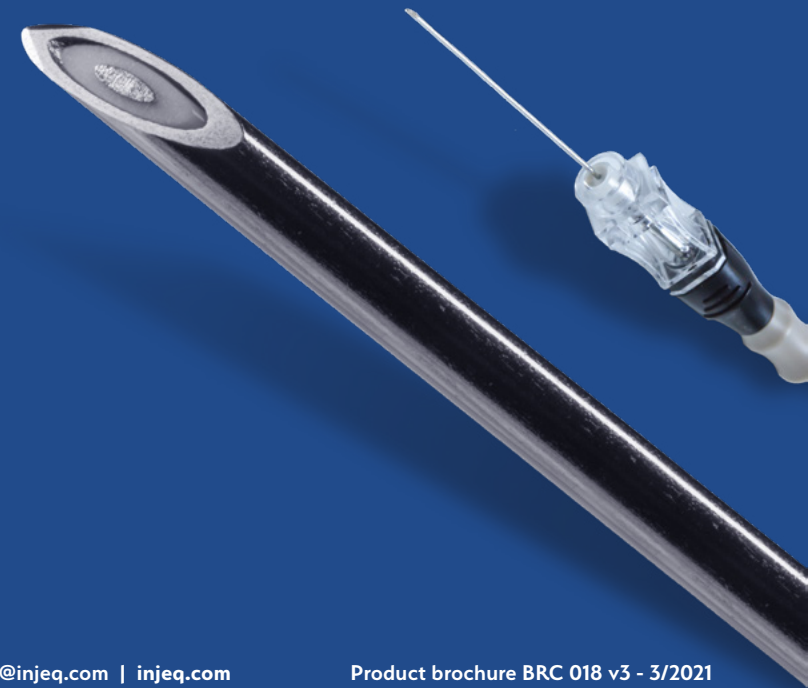
<sup>1</sup> Sievänen et al. Real-time detection of cerebrospinal fluid with bioimpedance needle in pediatric lumbar puncture. *Clinical Physiology and Functional Imaging* 2021; (in press) . doi: 10.1111/cpf.12697.

<sup>2</sup> Halonen et al. Detection of spine structures with Bioimpedance Probe (BIP) Needle in clinical lumbar punctures. *J Clin Monit Comput.* 2017 Oct;31(5):1065-1072.

# INJEQ

Precision. Care. Confidence.

Right  
the first  
time



# Injeq IQ-Tip<sup>®</sup> spinal needle

The Injeq IQ-Tip<sup>®</sup> spinal needle incorporates a unique design innovation that enables bioimpedance measurement from the needle tip. The contoured needle hub provides excellent grip, offers great tactile feedback and is compatible with widely used luer syringes.

Gauge	Outer Diameter	Color code	Needle Length		Order reference code
22G	0.72mm	Black	41 mm	1.5"	IQS-22040-B
			65 mm	2.5"	IQS-22065-B
			90 mm	3.5"	IQS-22090-B



**Injeq IQ-Tip<sup>®</sup>**  
enables CSF detection  
from the needle tip.

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# Injeq IQ-Tip® analyzer

Injeq IQ-Tip® analyzer is designed for lumbar puncture to provide real-time detection of cerebrospinal fluid (CSF) when connected to Injeq IQ-Tip® spinal needle with single use sterile Injeq IQ-Tip® cable.

Injeq IQ-Tip® analyzer facilitates physician's work by alerting when the needle tip has reached the cerebrospinal fluid via audio and visual alarm. It does not matter whether you are a seasoned medical professional or a recent medical school graduate, Injeq IQ-Tip® system is an advanced tool to make lumbar puncture successful.

	Order reference code
Injeq IQ-Tip® cable	IQC-07
Injeq IQ-Tip® analyzer	Injeq 301



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Injeq IQ-Tip® analyzer provides real-time detection of cerebrospinal fluid.