

Simple. Versatile.  
**Precise.**



## **Sonopet iQ**

### **Ultrasonic Aspirator System**

Soft tissue resection / Fine bone dissection / All-in-one system



# Sonopet

# iQ

## Our latest neurosurgical innovations

We've raised simplicity and performance to an even higher level<sup>1</sup> designed to produce consistent surgical experiences. We've also added semi-autonomous functionality and unparalleled customisation so you can do more with the Sonopet iQ with less time and effort.<sup>1</sup> Sonopet iQ has been developed in consultation with leading surgeons across the world to achieve our common goal of making healthcare better.

### Improved resection and power

367%

faster fibrous  
tissue resection<sup>1</sup>

133%

faster bone  
cutting<sup>1</sup>

75%

more precise  
suction control<sup>2</sup>

48%

faster setup  
time<sup>1</sup>

### What's new?



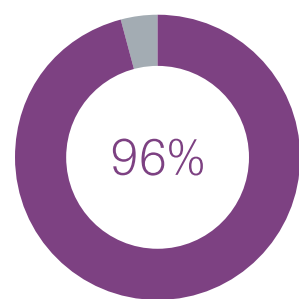
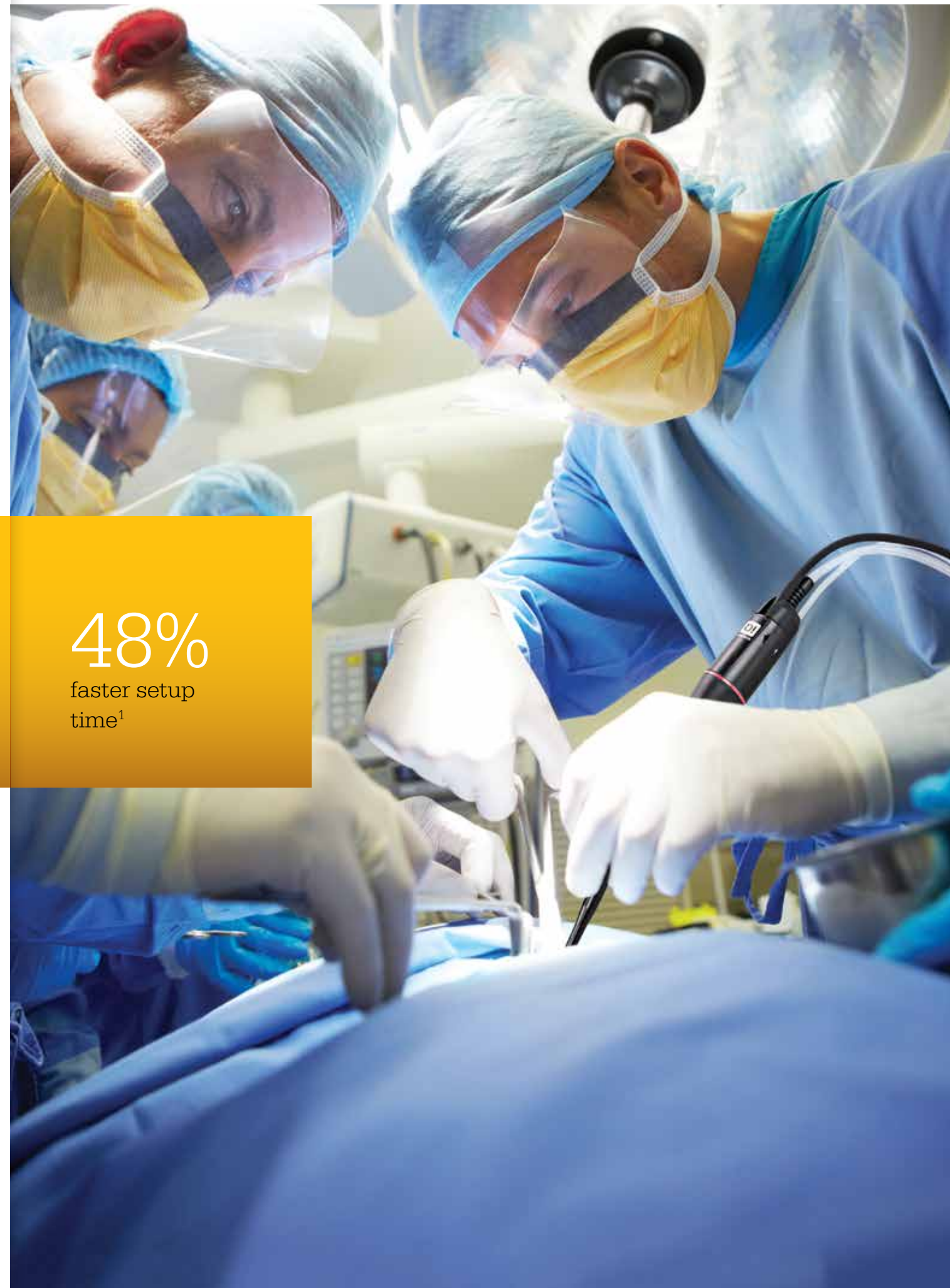
Improved performance. Increased power and speed.<sup>1</sup>



Ease of use. Simpler setup and intuitive console design.<sup>1</sup>



Proprietary customisation technology.  
Unparalleled user customisation through RFID tips and user profiles.



setup success rate  
on first attempt by  
untrained users<sup>1</sup>



# Rapid readiness for any O.R. team

## iQ Control: On-demand customised performance

Gain a new level of control<sup>1</sup> with our exclusive blend of RFID technology, algorithms and other elements. These smart features are always working on the back end, automatically adjusting and customising settings designed to optimise performance throughout your entire procedure.

## iQ Connect: RFID-enabled intelligence transfer

Create and store your custom user profile once, and it's ready to engage when you are. With RFID technology, your preference data for peripheral devices (e.g., tips, handpiece and irrigation cassette) is instantly transmitted to the console, effortlessly activating the exact settings you want.

**RFID technology** instantly changes settings based on connected tip or user profile

**Faster resection and more power<sup>1</sup>**

**Large touchscreen** interface

**Enhanced guidance** on-screen steps and tutorials walk you through the setup process

**Precise settings** for power, suction and irrigation at lower levels

**Unparalleled customisation**  
One-step retrieval of surgeon profile  
Can start the case using **surgeon's defaulted profile**

**Independent or synchronised settings** for power, suction and irrigation

**Hand controller** for remote control from sterile or non-sterile field

**Controlled suction**, the pinch valve is designed to reduce suction around critical structures

**Integrated irrigation cassette** eliminates exterior wheel and tube threading

**Soft tissue/bone cutting tips and tubing** all compatible with the same handpiece

**Front facing connections** with colour-changing feedback; port light signals proper setup

**One-step connections** for irrigation, suction, tubing and sleeve

**Irrigation** integrated into the handpiece, designed to improve visibility and control



**Three foot pedal options;**  
Basic Foot Pedal  
Advanced Foot Pedal  
Advanced Wireless Foot Pedal

**Advanced foot pedals** offer variable power and suction control

**No tray needed for torquing on the tip** - only the torque wrench is required



**Intuitive setup;** all components labeled or colour coded, and steps are non-sequential



# Gain Stryker's advantage

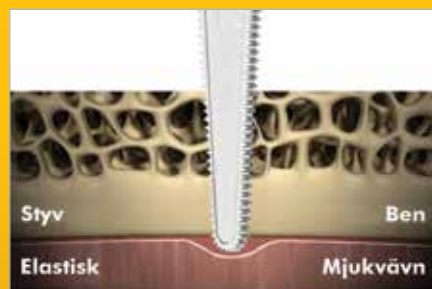
## Proprietary Longitudinal Torsional (LT) Technology



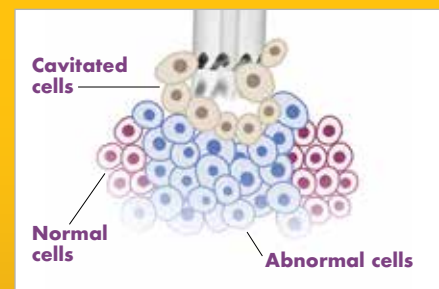
Couples longitudinal with torsional vibration for a 25,000x per second non-rotational motion that cuts bone without affecting soft tissue.



Helical reliefs redirect the ultrasonic energy from purely longitudinal to combined torsional component so tissue distal to the tip is unaffected by cavitation.



Resects rigid bone or hard tissue while surrounding elastic soft tissue vibrates away from the cutting tip.



Emulsifies hydrous soft tissue (tumor, fat, parenchyma) without impacting vital anhydrous tissue such as vessels, nerves and tendons.

## Extensive tip offering

**15 tips** to handle soft tissue, fibrous tissue and bone cutting all in one handpiece

**Various lengths, diameters, tip styles** and frangible sections for adjustable surface exposure

**RFID technology** recognises tip and adjusts to the ideal settings

**Improved resonance tracking** per tip type (better bone cutting and fibrous tissue resection)<sup>1</sup>

**Complete tip is visible** inside the unopened packaging

**Serrated Large tip for even faster resection<sup>1</sup>**

## Versatility and value

We've designed Sonopet iQ as a multi-functional system to address clinician and administrative needs. In this manner, we strive to maintain your satisfaction far beyond the initial sale.

### In the O.R.

- One console serves multiple specialties
- One handpiece compatible with all soft tissue/bone tips and tubing
- Easy to use; designed to reduce the risk of potential user errors
- Improved customisation
- Proprietary Longitudinal Torsional (LT) Technology
- Exclusive, semi-autonomous RFID system optimisation
- More features, speed and power than ever before
- Fast setup and resection for smooth case flow
- Consistent user experiences

### And beyond

- Flex Financial customisable acquisition options
- Onsite implementation and training
- Year-round education and training options
- ProCare service solutions



Our Sonopet iQ revolves around enhanced iQ Connect and iQ Control Technologies. So whether surgery is planned or emergent, any O.R. team will be ready to perform quickly and confidently.

## Sonopet iQ Ultrasonic Aspirator Console

5500-050-000

(includes power cord, irrigation pole and hand controller)



## Sonopet iQ Universal Angled Handpiece

5500-255-000



## Sonopet iQ Sterilisation Tray

5500-800-278



## Sonopet iQ Hand Controller

5500-402-000



## Sonopet Torque Wrench, 7mm

5450-800-039



## Sonopet iQ Basic Foot Pedal - Wired

5500-006-000



## Sonopet iQ Advanced Foot Pedal - Wired

5500-007-000



## Sonopet iQ Advanced Foot Pedal - Wireless

5500-008-000

(includes wireless receiver)



## Sonopet iQ Wireless Receiver

5500-008-300



## Irrigation Pole

5100-050-028

## Cleaning Wire

5450-800-276

## Power Cord

0996-851-012

## Sonopet Cart

5450-850-410



# Disposables

Our extensive tip offering not only provides various lengths, diameters and tips, but also provides RFID technology, improved resonance tracking and a new Serrated Large tip for even faster resection.



## Soft tissue tips

### 12cm iQ Micro

5500-25S-309  
4/box

**L** 4.7in (120mm)   **OD** 1.6mm   **ID** 1.20mm



### 12cm iQ Standard

5500-25S-307  
4/box

**L** 4.5in (115mm)   **OD** 1.92mm   **ID** 1.5mm



### 12cm iQ Large

5500-25S-308  
4/box

**L** 4.7in (112.1mm)   **OD** 2.49mm   **ID** 2.0mm



### 20cm iQ Standard

5500-25S-301  
4/box

**L** 8.1in (205mm)   **OD** 1.92mm   **ID** 1.5mm



### 12cm iQ Barracuda

5500-25S-310  
4/box

**L** 4.5in (115mm)   **OD** 1.92mm   **ID** 1.5mm



### 12cm iQ Serrated Large

5500-25S-316  
4/box

**L** 4.6in (115.7mm)   **OD** 2.51mm   **ID** 2.0mm



**L** = Length   **OD** = Outer diameter   **ID** = Inside diameter

## Bone cutting tips

### 12cm iQ Micro Claw

5500-25B-315  
4/box

**L** 4.8in (121mm)   **CL** 1.6mm   **CW** 2mm



### 12cm iQ Claw

5500-25B-318  
4/box

**L** 4.8in (121mm)   **CL** 1.7mm   **CW** 2.8mm



### 12cm iQ 120 Claw

5500-25B-317  
4/box

**L** 4.8in (121mm)   **CL** 2.58mm   **CW** 3.15mm



### 12cm iQ Apex 360

5500-25B-312  
4/box

**L** 4.8in (121mm)   **CL** 2.58mm   **CW** 3.15mm



### 20cm iQ Apex 360

5500-25B-302  
4/box

**L** 7.9in (200mm)   **CL** 2.5mm   **CW** 3.15mm



### 18cm iQ Micro Claw

5500-25B-303  
4/box

**L** 7.2in (182.8mm)   **CL** 1.6mm   **CW** 2mm



### 18cm iQ Apex Micro Claw

5500-25B-319  
4/box

**L** 7.2in (182.8mm)   **CL** 1.6mm   **CW** 2mm



### 11cm iQ Knife

5500-25B-107  
4/box

**L** 4.2in (106mm)   **CL** 12.5mm   **CW** 0.83mm



### 11cm iQ Apex Knife

5500-25B-114  
4/box

**L** 4.2in (106mm)   **CL** 12.5mm   **CW** 0.83mm



**L** = Length   **CL** = Cutting length   **CW** = Cutting width

## Suction Canister

5450-851-012  
12/box



## Sonopet iQ Irrigation Suction Cassette

5500-573-000  
4/box



## Sterile Drape

5500-472-000  
4/box



# We're in this together

1. All comparative metrics and claims are Sonopet iQ compared to Sonopet 1. Stryker internal test data on file.
2. Sonopet iQ has improved suction control for delicate resection rates with 75% lower achievable pressure settings compared to the first generation Sonopet. Stryker internal data.

We share a goal to make healthcare better. Pairing your clinical expertise with our procedural solutions – plus supportive customer service, continuing education and financial acquisition options – can help us jointly achieve this goal.

## Contact us

Experience Sonopet iQ system's features and benefits first hand. For more information please reach out to your local Stryker Sales Representative

## Neurosurgical

**This document is intended solely for the use of healthcare professionals.**

A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that healthcare professionals be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A healthcare professional must always refer to the package insert, product label and/or instructions for use before using any Stryker product.

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