Putting control in your hands

COBLATION technology allows you to remove tissue with speed* and precision^{1,2 **}

Smith-Nephew

QUANTUM[©] 2 COBLATION[©] System

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COAG

26 °C

Faster 🖶 Better 🖶 Safe

COBLATION⁶ technology is clinically proven to improve patient outcomes compared to mechanical debridement.³⁻⁵



Faster patient recovery³

- Significantly less post-op pain at all follow-up points (6 weeks to 1 year)^{3***}
- 91% reduction in likelihood of taking NSAIDs for knee pain at 1 year³
- 24% faster return to work³

Better patient outcomes³⁻⁵

- 71% reduction in relative risk of revision surgery⁵
- 88% reduction in relative risk of joint replacement surgery⁵
- Significantly better KOOS and Tegner scores^{3-5****}





Safe for use on all joint soft tissue⁶⁻¹²

- Demonstrated safety for chondroplasty in a study of 840 surgeries⁷
- No cases of chondrolysis reported⁷

*** P ≤ 0.014 **** P < 0.001

Designed for your control

Backed by 20 years of experience, legacy and innovation, QUANTUM⁶ 2 continues the heritage of putting control in your hands.

Choose where you have the control; the wand, device screen or foot pedal, the choice is yours.

Whichever one you decide, seamlessly choose from multiple COBLATION^(*) technology settings designed for all joint tissue types to produce specific ablation speeds and tissue effects for your procedure.





Understanding the control

COBLATION^o Technology

 The controlled plasma field produced by COBLATION Technology allows for precise removal of soft tissue with minimal thermal damage (100-200 μm) evident in untargeted cartilage tissue^{1*****}

AMBIENT^o Technology

• Provides real-time temperature monitoring of the intra-articular fluid. The fluid temperature is continuously displayed.



SCOPE-SENSING Technology

- Proprietary circuits detect when a wand is in close proximity to metal and will automatically suspend energy delivery
- When a safe distance is achieved, COBLATION energy will automatically resume

Comprehensive portfolio of wands

- Choose from a broad portfolio of wands to suit your procedure
- Specialty wands designed to treat all joint tissue types in large and small joints

Ordering information

QUANTUM ^o 2 System	
Reference #	Description
H4500-00	QUANTUM 2 Generator

Shoulder Wands	
Reference #	Description
ASHA4250-01	AMBIENT ^{\$} SUPER TURBOVAC ^{\$} 90 IFS
ASH4250-01	SUPER TURBOVAC 90 IFS
ASCA5001-01	AMBIENT MEGAVAC [°] 90
ASC4250-0	SUPER TURBOVAC 90 ICW
ASC4251-01	STARVAC [◊] 90 ICW
AC4340-01	COVATOR [¢]
Knee Wands	
Reference #	Description
ASHA4830-01	AMBIENT SUPER MULTIVAC ⁶ 50 IFS
ASH4830-01	SUPER MULTIVAC 50 IFS
ASC4830-01	SUPER MULTIVAC 50 ICW
AC5531-01	PARAGON ^{\$} T2 ICW

Hip Wands	
Reference #	Description
72290004	AMBIENT HIPVAC ^{\$} 50 IFS
ASC4730-01	MULTIVAC 50 XL ICW
Extremities Wands	
Reference #	Description
AC2823-01	2.3MM SHORT BEVEL 35 DEGREE ICW
AC2823-01 ACH4041-01	2.3MM SHORT BEVEL 35 DEGREE ICW TOPAZ EZ IFS
AC2823-01 ACH4041-01 ACH4045-01	2.3MM SHORT BEVEL 35 DEGREE ICW TOPAZ EZ IFS TOPAZ XL IFS

Learn more at **smith-nephew.com**

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* In Vac mode the FLOW 50TM COBLATION Wand removes free-floating tissue approximately four times faster than AMBIENTTM SUPER MULTIVAC 50, in vitro

** The controlled plasma field produced by COBLATION allows for precise removal of soft tissue with minimal damage (100 - 200 µm) evident in untargeted cartilage tissue ex vivo; Cell damage may vary depending on protocol used.

*** P ≤ 0.014

**** P < 0.001