ULTRASONIC ARTHROPLASTY REVISION INSTRUMENT

For both bone cement removal and prosthesis extraction both cemented or cementless
OSCAR3 is designed to facilitate the removal of bone cement during joint revision procedures using ultrasonic technology to soften the cement shell holding the implant in place. In addition, OSCAR3 is also designed to aid cementless prosthesis removal by utilising the specifically designed Bonecutter handset and probes.

1.1 Ultrasonic Generator
OS3000

The OSCAR3 bone cement removal system is widely accepted technology with over 18 years successful use in global markets. The challenge of cementless revisions encouraged the introduction of bone cutting handsets and flat osteotomes in recent years; these enable safe atraumatic removal of partially coated and porous prostheses. OSCAR3 is the latest version which combines all of the above functionalities with many ergonomic advances.

2.1 Cement Removal Handset
OH300/2

- Compatible with existing OSCAR3 II handsets following upgrade
- Used in cemented hip, knee, shoulder and elbow revisions

EFFICIENT
Special probes are deployed in a sequence to collect and remove the softened cement from the host bone. The technique reduces manual force to a minimum, resulting in low risk of bone fracture and perforation.

SAFE
Minimal damage to bone during joint revision procedures
Cancellous bone is affected by ultrasound and will be removed when subjected to the energy levels deployed during cement removal, while cortical bone will not be affected due to the probe design and the energy levels used. It does not absorb ultrasound as readily as the cement and therefore the surgeon will have awareness of the position of the probe within the bone through both audible and tactile feedback.

VERSATILE
Single use probes for both, cement and prosthesis removal
The single use probes have been designed for providing high quality performance for every case with safety and versatility in mind. The probes come in single sterile packs, offering a user friendly, comprehensive range of solutions to physicians whether they face cemented or cementless joint revisions.
2.2 Bonecutter
Osteotome Handset

OHB300/2
Compatible with existing osteotome hand sets following upgrade
- Low amplitude transducer provides greater force for accurate bone cutting in cementless implant extraction
- Implants are effectively isolated from the host bone with greater bone preservation

3
THE SINGLE USE PROBES

3.1 OHP2080SU
Single Use 8mm Piercer Probe - Sterile

OHP2100SU
Single Use 10mm Piercer Probe - Sterile

3.2 OHS2080SU
Single Use 8mm Scraper Probe - 80mm - Sterile

OHS2100SU
Single use 10mm Scraper Probe - 80mm - Sterile

3.3 OHP2062SU
Single Use 6mm Piercer Probe - Slim - 180mm - Sterile

OHS2062SU
Single Use 6mm Scraper Probe - Slim - 180mm - Sterile

3.4 Inertial Probe
Loading Instrument
IPL200
Slaphammer (Consumable)

3.5 EXP2681SU
Single Use Extraction Probe for Slaphammer - Sterile

3.6 The Acetabular Probe
OHA2030SU
Single Use Acetabular Probe - Sterile

3.7 Osteotome Probes
OHSO2060SU
Single Use 6mm Serrated Osteotome - Sterile

3.8 OHFO2060SU
Single Use 6mm Flat Osteotome - Sterile

3.9 OHC2SO2060SU
Single Use 6mm Serrated Curved Osteotome - Sterile
3.10 Hoe Probe
**OHH2062SU**
Single Use 6mm Hoe Probe - 180mm - Sterile

3.11 **OHH2081SU**
Single Use 8mm Hoe Probe - Sterile

3.12 **OHR2000**
Reducer Bar for OHP218FSU
(Not illustrated)

3.13 **OHP218FSU**
Single Use Flat Piercer Probe - Sterile

3.14 **OHG2020SU**
Single Use 2 Lobed Groover Probe - Sterile

3.15 **OHRE2002SU**
Single Use Short Extension Reducer Bar - Sterile
(Not illustrated)

3.16 **OHRE2003SU**
Single Use Long Extension Reducer Bar - Sterile
(Not illustrated)

3.17 **OHRE2000SU**
Short Extension Reducer Bar for Single Use Probes

3.18 **OHRE2001SU**
Long Extension Reducer Bar for Single Use Probes

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4

EXTENSION BARS
AND SPANNERS

4.1 **OHE2000**
Extension Bar

4.2 **OBE2000**
Bonecutter - Extension Bar

4.3 **SPAN7mm**
Spanner 7mm

4.4 **SPAN8/9mm**
Spanner 8/9mm
5

OTHERS

5.1 CH300
  Cable

5.2 ORFS300
  Footswitch

5.3 O3GC300*
  OSCAR 3 Generator Case

5.4 O3HC300*
  OSCAR 3 Handset Case

5.5 OA400
  OSCAR Sterilisation Tray

*No medical device

The following codes are only available in selected markets. For further information please contact your local representative.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>EXP2681</td>
<td>Extraction Probe For Slaphammer</td>
</tr>
<tr>
<td>OHG2020</td>
<td>Groover Probe - 2 Lobe - 90mm</td>
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<tr>
<td>OHS2061</td>
<td>6mm Scraper Probe - 180mm</td>
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<td>OHS2081</td>
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<td>OHS2100</td>
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<td>OHP2131</td>
<td>13mm Piercer Probe - 180mm</td>
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<tr>
<td>OHA2030</td>
<td>Acetabular Probe</td>
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Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Proper surgical procedure is the responsibility of the medical professional. Operative techniques are furnished as an informative guideline. Each surgeon must evaluate the appropriateness of a technique based on his or her personal medical credentials and experience. Please refer to the “Instructions for Use” supplied with the product for specific information on indications for use, contraindications, warnings, precautions, adverse reactions and sterilization.