

# Motec<sup>®</sup> Wrist Joint Prosthesis System

## Radius PE Cup Ø15 mm – 40-1415S

A Polyethylene (PE) Radius Cup has been developed for the Motec Wrist Joint Prosthesis System to offer a further articulation option in addition to CoCrMo – CoCrMo and CoCrMo – CFR-PEEK.

- The Radius PE Cup is made from ultra high molecular weight polyethylene (UHMWPE) and will articulate against the CoCrMo Metacarpal Head.
- The UHMWPE-material in the Cup is blended with vitamin E to reduce oxidation and aging effects.
- The potential impingement at the maximum range of motion will be metal against metal; the limit to range is the neck of the Metacarpal Head component against the metal shell (CoCrMo) of the PE cup.

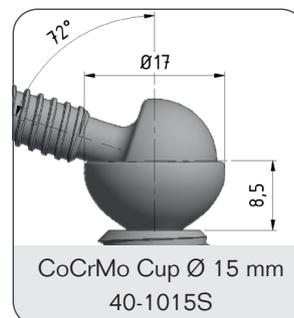
This page is an addition to the standard surgical technique brochure for the Motec Wrist Prosthesis System. The complete surgical technique and other documentation, such as the instructions for disinfection and re-sterilization of instruments, are available to download from [download.swemac.com](http://download.swemac.com).



When using the Radius PE Cup, follow the standard surgical technique for the Motec Wrist Prosthesis implantation. However, please be aware that extra care must be taken in the following steps:

- **Step 11** (Reaming of the Radius) Perform sufficient reaming to ensure that the cup can be firmly seated in the Radius Threaded Implant without impingement against the edge of the cavity created by the cup reamer.
- **Step 14** (Insertion of the trials) The PE cup does not have a corresponding Cup Trial. The most suitable neck length for the Metacarpal Head must therefore be trialed against the definitive PE cup.
- **Step 16** (Insertion of the Radius Cup) As per step 14 above, the PE Radius Cup will have already been inserted before the Metacarpal Head Trial. Use image intensification to ensure the cup is correctly seated into the Radius Threaded Implant (step 11 in mind).

## Technical information



The range represents a Metacarpal Head with medium, long or extra long neck.

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