

8 September 2020

RE: Logical G-Series Coating

Dear Committee Member for Moldavia Tender,

The Signature Orthopaedics Logical G-Series Cup is a coated cementless acetabular component intended for use as part of a total hip replacement prosthesis. The coating is 3D and includes pores for ingrowth of bone to provide stable long term biological fixation. An image of the coating's cross section illustrating the pores is provided below.



Figure 1: Microscope Image of Logical G-Series Coating's Cross-Section

The Logical G-Series Coating is applied by the sintering manufacturing process. In accordance with this process, sequential layers of unalloyed titanium beads and powder are placed on the cup then the component is heated until the coating fuses to the cup. The resultant coating is strongly adherent and possesses the porosity, roughness and other properties desirable for secure and reliable cementless fixation.

Please contact me at the details below if further information is required.

Regards,



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