

A 3D illustration showing several red blood cells (red, oval shapes) in the upper half of the frame. In the lower half, there are blue, irregular, porous structures representing heparin chains on a surface. Some of these chains have red patches, possibly indicating binding sites. The background is a light blue gradient with faint, repeating patterns of the red and blue elements.

CARMEDA[®] BioActive Surface / CBAS[®] Heparin Surface Reference List

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Preface

The CARMEDA® BioActive Surface (also known as CBAS® Heparin Surface) was invented in the early eighties, used clinically for the first time in 1986, and because of its outstanding thromboresistant properties numerous of medical devices coated with this surface technology have since then been marketed worldwide. Today the CARMEDA® BioActive Surface is the most clinically proven and published surface technology for medical devices used in contact with blood.

This reference list is a living document aimed at gathering references around the CARMEDA® BioActive Surface and on the clinical performance of the products featuring this surface technology. It provides a true and unbiased picture of the technology. Overall, this reference list provides evidence of the CARMEDA® BioActive Surface's safe, efficient, and superior thromboresistant and biocompatible benefits for both short-term and permanent blood-contacting medical devices.

Note that the list contains references describing the off-label use of some products. It is not intended to be used to promote the off-label use of a product. Consult the Instructions for Use for the product in your country.

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Basic Science

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Experimental *In Vitro*

Biocompatibility

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Experimental *In Vitro*

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Experimental *In Vivo*

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Experimental *In Vivo*

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