



# HPC

## Hydrophilic Polymer Coating

# phenox

**HPC** prevents triggering of the clotting cascade and thus reduces the risk of thrombus formation on phenox neurovascular implants.

### p48 MW **HPC** Flow Modulation Device

The **HPC** coating mimics the glycocalyx, thus the platelets do not recognize the surface as a foreign body. Systemic blood coagulation is not disturbed.

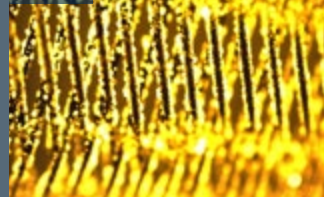
### Glycocalyx

Natural lining of the endothelium indicating an intact inner vessel wall.

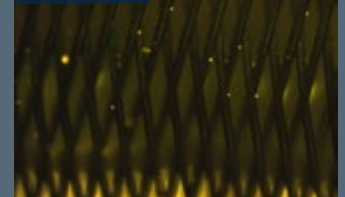
### Platelets

Receptors of platelets detect damages in the vessel wall or foreign bodies. Thus, they can launch the clotting cascade.

### Bare<sup>1</sup>



### with HPC<sup>1</sup>



HPC covalently binds to the surface of the stent. The layer is mechanically stable and firmly adherent. Significantly reduced platelet adhesion can be observed after human blood exposure.

<sup>1</sup> Data on File

**DISCLAIMER:** Please note, that the above shown 3D illustration is intended to visualize a simplified representation of the HPC effect. Thus, blood components in this illustration are visually simplified and may not represent actual size proportions.

KIF-0067A

# Products available with HPC



## p48 MW HPC Flow Modulation Device

REF	Max. vessel diameter [mm]	Implant length in max. vessel [mm]*	Min. vessel diameter [mm]	Implant length in min. vessel [mm]*
P48-MW-HPC-200-9	2	9	1.75	10
P48-MW-HPC-200-12	2	12	1.75	13
P48-MW-HPC-200-15	2	15	1.75	16
P48-MW-HPC-300-9	3	9	2	13
P48-MW-HPC-300-12	3	12	2	16
P48-MW-HPC-300-15	3	15	2	21
P48-MW-HPC-300-18	3	18	2	25

\*Length is defined as: length of implant measured in straight silicone vessel without aneurysm neck.



## pCONUS 2 HPC Bifurcation Aneurysm Implant

REF	Shaft diameter [mm]	Shaft length [mm]	Crown diameter [mm]	Vessel diameter [mm]
PCON2-HPC-4-15-5	4	15	5	2.5-3.7
PCON2-HPC-4-15-6	4	15	6	2.5-3.7
PCON2-HPC-4-15-7	4	15	7	2.5-3.7
PCON2-HPC-4-15-8	4	15	8	2.5-3.7
PCON2-HPC-4-15-10	4	15	10	2.5-3.7
pCON2-HPC-4-15-12	4	15	12	2.5-3.7
PCON2-HPC-4-15-15	4	15	15	2.5-3.7

## pCONUS 1 HPC



PCON-HPC-3-20-4	3	20	4	2.2-2.7
PCON-HPC-4-20-5	4	20	5	2.5-3.7

phenox

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The **p48 MW HPC** Flow Modulation Device and **pCONUS HPC** Bifurcation Aneurysm Implant have received the CE Mark (CE 0297). They are not approved for sale nor are they available for sale or use in the United States.