A challenge for perfusion: In extracorporeal circulation systems, blood continuously comes into contact with foreign materials. The problem: Blood proteins and cells can be adsorbed and the clotting system activated. The possible consequences for the patient range from thrombosis and inflammation to organ failure. But how can the biocompatibility of the surfaces be increased in order to lessen complications?

The solution: hemocompatible coatings. The well-established SAFELINE COATING and BIOLINE COATING have been joined by the heparin-free SOFTLINE COATING. It is a polymer comprised of hydrophilic and hydrophobic areas, thus reducing surface tension on the contact surfaces. Whether oxygenators, centrifugal pumps, reservoirs, or tubing sets – the advantages of this coating are revealed in every detail.

Numerous advantages for optimal flow:
The SOFTLINE COATING ensures gentle and smooth operations thanks to:

- Secure binding of the coating to a wide variety of materials
- Reduced cell adhesion, cell activation, protein adsorption, and protein denaturation
- Reduced activation of the coagulation and complement system
- Preventive effect against transmembrane pressure gradient in membrane oxygenators during the initial phase of perfusion

SOFTLINE COATING is an advancement of the already long-established, tried and tested SAFELINE COATING coating. The new coating does not have to shy away from comparisons either: In-vitro tests have shown lower thrombocyte adhesion and thus a lower thrombocyte activation.

SOFTLINE COATING – a softer way to perfuse.