



corpuls | GS Elektromedizinische Geräte G. Stemple GmbH | Hauswiesenstr. 26 | 86916 Kaufering

To whom it may concern

Your reference	Our reference	Direct dialing	E-mail	Date
			lukas.vonstuelpnagel@corpuls.com	2023-11-30

**Note: This letter replaces the one issued on 2023-09-29. Please adhere to the updated information in this letter!**

Dear Sir or Madam,

latest scientific studies show new insights on vector change and double sequential external defibrillation (DSED) by two defibrillator devices in patients with refractory ventricular fibrillation. The recent study on vector change and DSED published in NEJM defines DSED as delivering two defibrillation shocks within one second, but not simultaneously.<sup>1</sup>

The defibrillator outlets of our products **corpuls3** and **corpuls3T** are protected against defibrillation shocks up to 5kV. Therefore, it is technically safe to deliver a shock with a second **corpuls3/corpuls3T**.

As the recent publication doesn't show a significant difference of DSED over vector change, we recommend to adhere to the current ERC Guidelines and consider vector change in patients with refractory ventricular fibrillation.

If you have any questions, please do not hesitate to contact us through your known contact channels.

Kind regards,

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Dr.-Ing. Lukas von Stülpnagel  
Head of Product Management

<sup>1</sup> Cheskes S et al.; NEJM 2022; DOI: 10.1056/NEJMoa2207304