



## Summary of German Research on the Java® Cushion



Clinical trials of the Ride Java® Cushion were conducted in Germany during 2018-19 to evaluate the efficacy of the Java Cushion in support of Ride Designs entry into the German market.

Ride Designs provided the test products but provided no further support. Instruction for use of the cushions was provided to the test facilities' staff by educational specialists employed by Ride Designs' European Distributor, the Alu Rehab Group.

These clinical trials are not peer reviewed, nor have they been published. Trials were done under rigorous protocols at the Storkower Bogen Ventilation and Critical Care Centre in Berlin. There were no control groups, and the cushions were utilized within the typical wound care programs of this esteemed facility.

The clinical trials from Germany measured specific clinical outcomes and demonstrated high-level skin protection qualities.

The results are compelling and support the peer-reviewed research previously conducted at several different institutions across the United States ([www.ridedesigns.com/research](http://www.ridedesigns.com/research)) which focused on objective measures of interface pressure management, sitting stability, and deep tissue deformation.

### Test Dates:

5 November 2018 to 14 February 2019

### Test Group:

Fourteen patients/residents between 48 and 83 years of age with different underlying medical conditions.

- One patient/resident had a "medium risk"
- 13 patients had a "very high risk"
- Additionally, three patients also had pressure injuries in the sacral region. These were pressure injuries of categories II, III and IV (EPUAP).

### Results:

- Visible improvement in the wound condition was observed in the case of all pressure injuries.
- Throughout the period of use, none of the patients/residents experienced new pressure-related skin lesions.
- There were no undesirable consequences when using the Java Cushion.
- No negative changes in the microclimate were observed.
- The sitting stability of the test subjects changed for the better in the majority of cases.
- Subjects sat more stable and slipped forward less while seated on the Java Cushion. The sitting symmetry also improved. Patients were much more stable and centered.
- The Java Cushion was deemed suitable for use in pressure injury management in accordance with the manufacturer's indications.

**Full study:** Available for download [here](#).



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