



SIGNIFICANT CLINICAL TRIAL RESULTS



with the POSTHORAX PRO support vest (n = 12512)

**Mediastinitis – Atelectasis – Mechanical Quality of Life – Pain
Respiratory Function – Hospitalization – Cost**

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| Large Prospective Randomized Multicenter Trial – Hospital Hietzing Vienna, AUSTRIA University Heart Center Hamburg, Heart Center Nuremberg, GERMANY | (n=2539) |
| Reduction of deep WHC from 2,27 % to 1,04 % / M. Gorlitzer, F. Wagner, S. Pfeiffer, M. Grabenwoeger, T. Fischlein, H. Reichenspurner | -54% |
| Cohort Study – University Heart Center Hamburg, GERMANY | (n=2632) |
| Reduction of deep WHC from 2,39 % to 0,88 % / FM Wagner, H. Reichenspurner | -63% |
| Evaluation of Force Distribution in a Biomechanical Analysis – Medical University Vienna, AUSTRIA | (n=60) |
| Unique positive effect of Posthorax (8 Nm) - flexible bandage (2 Nm) / M.Bijak et al | |
| Cohort Study – Robert - Bosch - Hospital Stuttgart, GERMANY | (n=3280) |
| Reduction of sternal wound complications from 1,9% to 0,4% / M. Albert, UFW Franke | -76% |
| Study in Obese Cardiac Patients – University Hospital Mainz, GERMANY | (n=260) |
| Reduction of deep sternal WHC in high risk patients from 10,7% to 4,7 % / K. Buschmann, C.F. Vahl | -56% |
| Cohort Study – University Hospital Southampton NHS, UNITED KINGDOM | (n=265) |
| Reduction of deep sternal wound complications from 2,1 % to 1,2 % / N. Nikolaidis, C. Barlow | -43% |
| Cohort Study – Karolinska University Hospital Stockholm, SWEDEN | (n=978) |
| Reduction of mediastinitis from 2,2 % to 0,6 % / H. Jonsson, S. Nyrén | -72% |
| Cohort Study – Karolinska University Hospital Stockholm, SWEDEN | (n=198) |
| Reduction atelectasis stage 4 / J. Torkelson, H. Jonsson | -69,5% |
| Cohort Study – University Heart Center Zurich / Triemli, SWITZERLAND | (n=1689) |
| Reduction of deep sternal wound infection from 3,2 % to 1,5 % / H. Loeblein, M. Genoni | -52% |
| Prospective Randomized Clinical Trial – University Hospital Novara, ITALY | (n=310) |
| Reduction in-hospital stay and readmission rates, saving costs 60,5% / P. Caimmi, M. Cannas | -62% |
| Prospective Randomized Study – Clinica Del Lavoro, Milano, ITALY | (n=80) |
| Respiratory study, randomized. Testing of cardiopulmonary %VO ₂ , Plethysmograph TLC%, DLCO%, KCO%, EuroQoL. / S.Di Marco, M. Bussotti | |
| Cohort Study – Medicana Hospitals Group, Istanbul, TURKEY | (n=221) |
| Significantly lower dehiscence with use of thorax support / Sezai Celik, A. Kirbas | |

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by sending an email to: info@posthorax.com**