



NYU Grossman School of Medicine Becomes First Clinical Site for HeroSupport's SHIELD Study

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HeroSupport SA is proud to announce that NYU Grossman School of Medicine is the first clinical site to participate in the SHIELD clinical study, with Prof. Naamit Gerber as Principal Investigator.

Dr. Gerber is a professor and vice chair of education in the Department of Radiation Oncology at NYU Grossman School of Medicine, as well as the co-director of the breast cancer and hematologic malignancies disease management groups at NYU Langone's Perlmutter Cancer Center.

The SHIELD clinical study is evaluating an innovative approach to Accelerated Partial Breast Irradiation (APBI) using the personalized prone breast immobilization device, VENUS SHELL™, developed by **HeroSupport**, a Geneva based med-tech company, and designed to improve the precision of local radiation delivery while enhancing patient comfort. We are honoured to support this important clinical initiative and to contribute to advancing breast cancer care through innovation.

About HeroSupport

HeroSupport SA is advancing patient immobilisation in prone breast cancer radiotherapy. The CE-marked VENUS SHELL™ is a patient-specific, 3D-printed support that enables accurate, reproducible, and more comfortable positioning during radiation therapy. This allows radiation to be delivered precisely to the target while sparing healthy tissue.

Our key differentiator is an integrated workflow combining an imaging table, transparent shaping elements, surface scanning, proprietary software, and 3D printing. By capturing the patient's anatomy in its true treatment position, we generate a highly accurate personalised immobilisation device.

Contact: Giovanna Dipasquale - Email: giovanna@HeroSupport.ch

Related Links:

- <https://clinicaltrials.med.nyu.edu/cancer/clinicaltrial/3038/accelerated-partial-breast-radiotherapy/>
- <https://clinicaltrials.gov/study/NCT07711847?cond=Breast%20Cancer&term=SHIELD&viewType=Card&rank=4>
- <https://www.herosupport.ch>