



# TERAPET

## Next Generation Proton Therapy

Terapet SA closes CHF 1'000'000 Seed Financing to advance the development of the technology that will bring proton therapy to the next level.

Terapet is glad to announce the closing of the seed investment round of CHF 1 Million, with contribution from new investors. This funding supports the development of its first full-scale prototype to be installed for clinical validation.

Geneva July 1<sup>st</sup>, 2020 Terapet SA, a privately held Swiss MedTech company developing innovative solutions for a safer, more precise and time-saving proton therapy for cancer treatment, announced today the successful completion of an oversubscribed Seed Financing Round of CHF 1'000'000.

This round was contributed by EFI (Efficient Frontier Investing), Nina Capital, FSI (Fongit Seed Invest) and three angel investors, with support of FONGIT. The seed financing will be used to contribute to the development of the first full-scale prototype with the support of [CERN](#), ready for clinical validation at one of Terapet's clinical partners, [The Skandion Clinic](#) in Sweden.

Terapet's novel medical device will, for the first time, enable medical doctors to monitor the delivered proton dose inside the patients during cancer treatment: in-vivo, non-invasively, in 3D and real-time.

“With our solution, we will eliminate one of the biggest obstacles: ensuring that every patient receives the right dose, every time,” said Dr. Christina Vallgren, CEO of Terapet. “Additionally, our solution has the potential to further boost the growth of proton therapy in the near future, making it more affordable and accessible to a wider population.”

Two of the co-founders are former CERN physicists with more than 10 years' experience from CERN. [CERN](#), the European Organization for Nuclear Research and has long been involved in the development of proton therapy. “This is a unique opportunity for Terapet to further advance proton therapy technologies with CERN's support”, said Dr. Marcus Palm, CTO of Terapet.

### About Proton Therapy

Proton beam therapy is an advanced treatment method for cancer and other tumor diseases. Compared to conventional radiotherapy with x-rays, proton therapy has the advantage that healthy tissue surrounding the tumor receives less dose. This is due to the fact that protons stop at a certain depth inside the patient, delivering a very high dose just before they stop (the Bragg peak). The dose "behind" the tumor is close to zero. The lower dose to healthy tissue is particularly important when treating children since they have a long-life expectancy after treatment. It also makes it superior for treating critical cancer types (e.g. brain tumors, prostate cancers) with tumors that are very close to critical organs, e.g. brain, spine, optical nerves, sensitive nerves etc.

## About Skandion Clinic

The [Skandion Clinic](#) in Uppsala, Sweden is the first clinic in the Nordic region to offer proton radiation treatments and is jointly run by seven Swedish county councils. The clinic opened in 2015 and has treated over one thousand patients so far.

## About Efficient Frontier Investing

[Efficient Frontier Investing](#) (EFI), is a Swiss financial engineering firm based in Geneva with offices in Melbourne, Australia. Its mission is to create and provide investment opportunities for its clients with risk-reduction whilst maintaining high expected returns. EFI methodologies move the investment above the efficient frontier (Markowitz, 1952). EFI is specialized in private investments, including venture capital funds and real estate funds, as well as publicly traded investments offering a high-conviction equity fund, among other opportunities.

## About Nina Capital

[Nina Capital](#) is a European venture capital firm focused on early stage investments in health technology companies. It is inspired by a vision for the future in which data derived through computing, IoT and sensor technologies deliver meaningful insight for improving health and the provision of care. And it is informed by a Stanford-born methodology of health technology innovation known as Biodesign. The firm has its core team and base of operations in Barcelona, Spain, with high-profile advisors and venture partners across Europe and the United States.

## About Fongit Seed Invest

[Fongit Seed Invest](#) (FSI) is one of the leading Seed Money Fund of Switzerland for young technology companies. It provides smart seed capital and it actively assists entrepreneurs to foster, expand and strengthen their venture by leveraging its strong network of partners and experts.

## About FONGIT

The “Fondation Genevoise pour l’Innovation Technologique” – [FONGIT](#), founded in 1991, is Switzerland’s premier innovation incubator supporting innovative tech ventures in Geneva. Fongit is a private, non-profit foundation, whose mission is to transform technology into social & economic value in the Geneva region. Terapet SA is a FONGIT supported company.

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