

Telehealth & the SunCHECK™ Platform

June 2020

In the current COVID-19 climate, an investment in telehealth can prepare your clinic for new operational challenges, including those related to infrastructure, software, and administrative costs.

Several Sun Nuclear customers have expressed relief at being able to treat with confidence through these challenging times, because of their SunCHECK use.

SunCHECK Platform enables:

- Seamless communication from any secure computer, for the entire department, within the clinic or remotely;
- Efficient, phantomless pre-treatment QA of patient plans, reducing staff required to be in the clinic;
- Participation in care from quarantined or remote staff members;
- Review of patient plans and QA remotely, by all participants; and
- Quick and easy plan changes when moving from standard RT to hypofractionation, lowering virus exposure risk to patients.

"Iridium Kankernetwerk has been able to seamlessly continue to operate and perform patient-specific QA, where at other centers, patient QA has been significantly reduced or even abandoned.

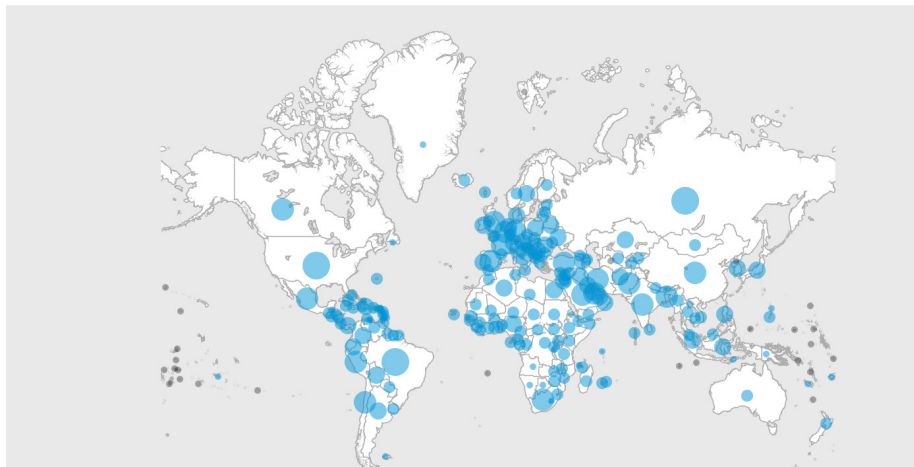
We have taken quick action to move to hypofractionated treatments for a number of case types (most significantly breast treatments – going from a 15 x 2.67Gy fractionation schema to 5 x 5.2Gy, following the new Fast Forward protocol) and **with the ability to adapt quickly in PerFRACTION, they were able to make this change overnight, without interrupting the QA-chain!"**

Dirk Verellen, Ph.D., Head of Medical Physics, Iridium Kankernetwerk; Professor Biomedical Physics, Belgium

Global Impact

As the COVID-19 situation continues to evolve, many estimates indicate the virus will have an impact for months, and perhaps years, to come. Prepare now for telehealth in the future.

Exhibit 1: Global Dashboard from the World Health Organization showing the reach of COVID-19



Source: World Health Organization
[Link to source](#)

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Additional Resources

On-Demand Webinar

Simplifying QA in a Crisis

Originally presented on April 2, 2020, by Jennifer Hamilton, Medical Physicist, Sun Nuclear

<https://sunuclear.wistia.com/medias/4cfepgkwde>

Publications

COVID-19 Outbreak in Northern Italy: First Practical Indications for Radiotherapy Departments

International Journal of Radiation Oncology, Biology, Physics, March 2020

<https://www.sciencedirect.com/science/article/pii/S0360301620309305>

Contingency Plans in a Radiation Oncology Department Amid the 2019-n-CoV Outbreak in Switzerland

Advances in Radiation Oncology, ASTRO

[https://www.astro.org/ASTRO/media/ASTRO/Daily%20Practice/PDFs/COVID-Papachristofilou-et-al\(ADRO\).pdf](https://www.astro.org/ASTRO/media/ASTRO/Daily%20Practice/PDFs/COVID-Papachristofilou-et-al(ADRO).pdf)

COVID-19: Global Radiation Oncology's Targeted Response for Pandemic Preparedness Clinical and Translational Radiation Oncology, March 2020

<https://www.sciencedirect.com/science/article/pii/S2405630820300227#t0005>