

# Radiotherapy Operational Go-Live support

## Implement working procedures and quality programs

### Support during the start-up phase of a Radiotherapy Centre

The definition and implementation of working procedures and quality programs in radiotherapy is crucial for obtaining a high quality and safe radiation treatment.

#### **Implement working procedures and Quality programs for the start-up phase of a new Radiotherapy Center.**

Our team will help you to start the operation in your Radiotherapy Center, regardless of the brand you choose - including Varian®, Elekta® or Siemens® - by defining working procedures, creating Service materials, writing down protocols, implementing workflows, methods and Quality Assurance programs according to best international practices.

Mercurius Health will help you optimize and make the best use of the newest technologies in your practice.

We have an expert team in all advanced technologies trained in all major radiation therapy technologies – including IMRT, IGRT, RapidArc, VMAT or SRS.

#### **Hands-on training during the start-up phase of a new Radiotherapy Centre.**

Local team on-the-job training during the start-up phase of your Centre, providing reliable, more responsive and security to the performed activities.

Side by side with local team Mercurius Health will perform daily activity, for each area of work – Clinical, Physics, Dosimetry and Unit – according to your needs. Local team will be

learning and acquiring confidence in each performed activity.

#### **Operational Go-Live support to your Radiotherapy Centre - What does it include?**

- ✓ Definition of working procedures for each treatment technique, including the treatment planning process;
- ✓ Assistance in the preparation of forms for quality assurance (QA) and treatment prescription;
- ✓ Comprehensive audit of beam data;
- ✓ Implementation of the reference QA for special techniques application (IMRT, Radiosurgery, VMAT or RapidArc);
- ✓ Training (hands-on) for all members of the clinical team to improve quality and workflow efficiency;
- ✓ Knowledge transfer at your center location;
- ✓ Remote treatment plans and physician / physicist / dosimetrist consultation services, whenever you need.

#### **Operational Support – benefits**

- ✓ Hands-on training validates your staff's new core competencies;
- ✓ Optimizes the clinical application of technology;

- ✓ Time savings arising from experience and process optimization;
- ✓ Accelerates integration of new and advanced treatment modalities;
- ✓ Enables the Centre to treat complex cases.

### **Frequently Asked Questions**

#### **What information does Mercurius Health need prior to the execution of the job?**

Mercurius Health needs to know what measurement equipment, Linac and TPS does the client has besides the vendor and models identification. Linac description, including energies and add-on information is also required.

We also need to know which treatment techniques are you intending to use.

#### **To whom will be given the support?**

It depends on your specific needs. Mercurius Health activity is focused on physicians, physicists, dosimetrists and also on the Unit area professionals.

#### **How long does it take a full start-up program?**

It depends on the size of local team, on the background of the team, on how many treatment techniques are being implemented. Normally we recommend not less than a six month period to consolidate local team knowledge and practice experience but it depends on the extend of the needs.

#### **Where will be given the training?**

It will take place at your Centre location, using your own resources.

#### **After Mercurius Health leaves how can we clarify some doubts, during the treatment process itself?**

Mercurius Health can offer real-time consultant services and give some practical recommendations.

#### **Does Mercurius Health have experience with my specific Linac or TPS model?**

Mercurius Health team is proficient in all of the following major equipment vendors:

Varian, Elekta and Siemens.

PTW, SunNuclear and IBA.

Varian Eclipse, Elekta XiO and Monaco, BrainLab iPlan and BrainScan, Oncentra MasterPlan.

#### **What material is handled to me?**

At the end of the service a CD is given to the costumer, including all written processes and protocols, a general report describing the entire process and final results.

#### **How can I contact you?**

By email: [info@mercuriushealth.com](mailto:info@mercuriushealth.com)

or by phone: (+351) 217 957 641

**Mercurius Health** is a Portuguese company focused in technical cooperation, consultancy, on-site operation and training in actual or prospective centers seeking for **edge solutions** in **Radiotherapy, Nuclear Medicine & PET** or **Cyclotron** based Radiopharmaceutical production.

With strong expertise proven for more than a decade, Mercurius Health integrates **multidisciplinary teams** of Medical Physicists, Dosimetrists, Radiation Protection Officers, Technologists, Physicians and experts in Radiochemistry/Radiopharmacy, able to fully operate a Center, to fulfill a specific need and/or to train local teams on-the-job.