

Quality Assessment Services

Radiotherapy Quality Assurance Program Implementation

Quality and safety are major concerns in today's Radiotherapy practices.

The implementation of a proactive and complete Radiotherapy Quality Assurance Program contributes to the excellence of your Centre.

Compliance with legal, regulatory and technical requirements for each activity contribute to the improvement of processes and increases employees and patients satisfaction.

Either during the start-up phase of a new Radiotherapy Centre or at an already operating Radiotherapy Unit, the implementation of the right policies and procedures, quality methods and treatment plan processes is a guarantee for the Centre Management but also for the staff and for patients.

Quality Assessment Services – What is it?

- ✓ Review and evaluate rules and specifications that ensure an adequate labor process;
- ✓ Procedures for equipment quality control, based on national and international protocols;
- ✓ Contouring and Treatment Prescription process optimization according to the most recent national and international standards/protocols.
- ✓ Comprehensive and fully documented written processes at all staff disposal.

Quality Assessment Services – Benefits

- ✓ Process optimization;
- ✓ Activities time saving;
- ✓ Ensure flexibility / rapid response time based on known rules to apply to certain procedures;
- ✓ Guarantee the consistency and continuity of daily routine practices, independently of the professional;
- ✓ Reduce the number of errors;
- ✓ External perspective of an experienced Team.

Quality Assessment Services – Our Compromise

- ✓ Review and evaluation according to national and international standards and rules;
- ✓ Work together with Centre's local staff, engaging them to think about the protocols implemented and increasing the success of the change;
- ✓ Help local team to create protocols to implement these rules and standards, in the daily routine;
- ✓ Diagnose problems and find solutions.
- ✓ Support the creation of modern Quality Assurance documentation including forms and procedures.

Frequently Asked Questions

What practical experience has Mercurius Health in Quality Assurance Programs implementation?

Mercurius Health's Team has been working for more than 15 years in different Radiotherapy Centers and has been helping in the development and implementation of new protocols and quality management systems.

How much time is required to perform Quality Assessment and implement new Quality Assurance Programs?

Normally Mercurius Health schedule one to two months depending on the number of techniques implemented or to be implemented.

Is it necessary to involve the local Team?

Yes, it is very important to work together with local Team. The engagement of local professionals in the implementation or modification of protocols, rules and processes is mandatory for its success.

Who approves the changes suggested?

The responsibility of implementing any changes is always of Centre Management Team. Mercurius Health helps the reorganization of existing protocols and creation of new ones, whenever necessary.

What material is handled to me?

At the end of the project a CD is given to the customer, including all written processes and protocols. It will also include international documentation that is on the basis of specific procedures.

Does Mercurius Health have experience with my specific Linac, Special Techniques and TPS model?

Mercurius Health team has been developing its work at several Centers with different equipments and softwares, in several Countries with different realities, along with local professionals with different backgrounds. This experience gives Mercurius Health practical ability and competence to help in your specific case.

What protocols does Mercurius Health adopt in a regular Quality Assurance Program?

The protocols choice is made jointly with the costumer staff, though we recommend the most recent documentation from relevant international institutions (e.g. AIEA, ICRU, AAPM).

How can I contact you?

Contact us by email:

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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.