





"IntraOperative Radiation Therapy (IORT) in its broadest sense refers to the delivery of irradiation at the time of an operation.

IORT evolved as an attempt to achieve higher effective doses of irradiation while dose-limiting structures are surgically displaced".

"IntraOperative irradiation (IORT) refers to delivery of a single dose of irradiation to a surgically exposed tumor or tumor bed while the normal tissues are protected from the irradiation either by retracting the mobilized tissue or by shielding the anatomically fixed tissues. IORT has traditionally been performed by using an electron beam as the source of irradiation."

[Intraoperative Irradiation. Techniques and Results, Calvo F.A., Gunderson L.L. et al., Current Clinical Oncology, Second Edition, 2011.]

LIAC HWL:

Time **zero** between surgery and radiation

> **3.2** cm treated inside 90% isodose

Easily usable in multiple operating rooms

< **600** Kg

IntraOperative electron Radiation Therapy (IOeRT), which uses high energy electrons, is the most effective implementation of IORT.

NO NEED OF SHIELDING



NO LONGER MOVING THE PATIENT:

the system follows the treatment, thus avoids the need of moving patients from the surgical table.

LIGHT WEIGHT OF MOBILE UNIT:

the impact in the operating room is minimal, and no structural changes are necessary. < 600 kg

TRANSPORT INTO STRETCHER ELEVATOR:

the dimensions are such that LIAC HWL can be easily transported to the operating room through the use of any stretcher elevator.



FUNCTIONALITY IN MULTIPLE OPERATING ROOMS:

the system can be quickly moved via the dedicated remote control and utilized in any operating room, thus maximizing its employment.







FLEXIBLE & EASY TO USE

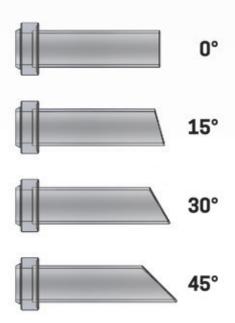
LIAC HWL is able to treat any clinical volume in the IOeRT environment.

By selecting the correct applicator/energy combination, it is possible to treat any neoplastic disease effectively and safely.

The 100% PMMA (polymethylmethacrylate) applicator allows:

- implementation of the safest and fastest hard-docking technique;
- direct visualization of the surgical breach, thanks to the transparency of the material and the length of the terminal applicator;
- full compatibility with x-rays imaging;
- increase of the surface dose by more than 90%, thus avoiding the need of any bolus.

Applicators are available in diameters from 30 to 100 mm (120 mm upon request), and bevel angles of 0°, 15°, 30° and 45°.

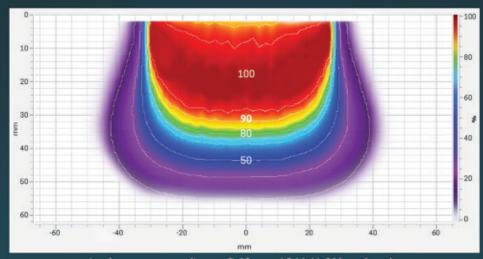




LIAC HWL PDD - energies from 4 to 12 MeV 100 12 MeV 90 10 MeV 80 Percentage Depth Dose [%] 70 8 MeV 60 6 MeV 50 4 MeV 40 30 20 10 0 10 20 30 40 60 70 80 Depth in water [mm]

The appropriate energy and applicator selection allow to treat the target with a thickness of up to 3.8 cm inside the 80% isodose (up to 3.2 cm inside the 90% isodose).

POWERFUL & SAFE



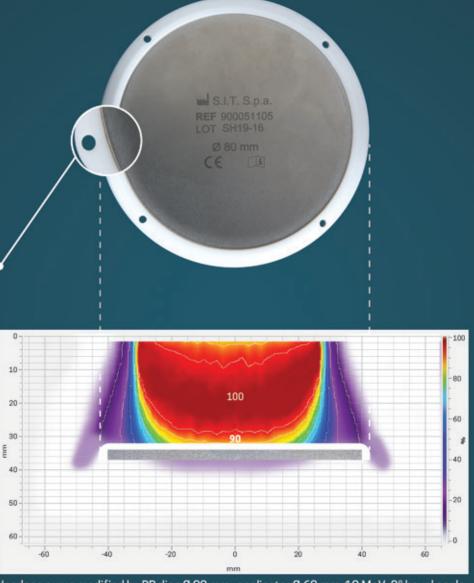
Isodose curve, applicator Ø 60 mm, 12 MeV, 0° bevel angle.

The IOeRT technique ensures reduction of dose exposure of the healthy tissue during the irradiation.

In breast cancer treatment, the use of a radioprotection disc (Italian Patent no. 1392099) temporarily inserted between the target and the chest wall fully protects the healthy tissue underneath.

The disc is a medical device made of steel and PTFE (polytetrafluoroethylene), biocompatible and sterilizable materials; is available in the following diameters: 40, 50, 60, 70, 80 and 90 mm.

The disc has 4 holes placed along the crown, which allow adhesion to underlying tissues, thus ensuring their protection.



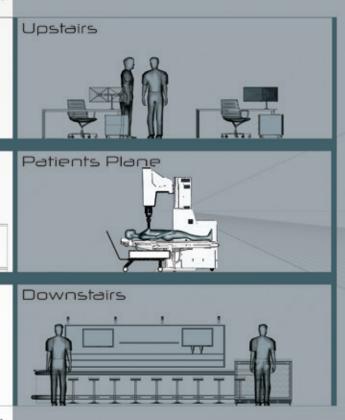
Isodose curve modified by RP disc Ø 80 mm, applicator Ø 60 mm, 12 MeV, 0° bevel angle.

One of the limits to the easy and cheap implementation of an IOeRT program is represented by radiation protection. LIAC HWL has been specifically designed in order to minimize stray radiation: HWL stands for High WorkLoad, that is the number of patient per year that can be treated without going beyond the radiation protection admitted threshold.

IMPROVED RADI PERFORMANCE

THE MINIMUM POSSIBLE AMOUNT OF STRAY RADIATION, FOR THE HIGHEST POSSIBLE WORKLOAD.

Any thickness and material under radioprotection standards requirements.





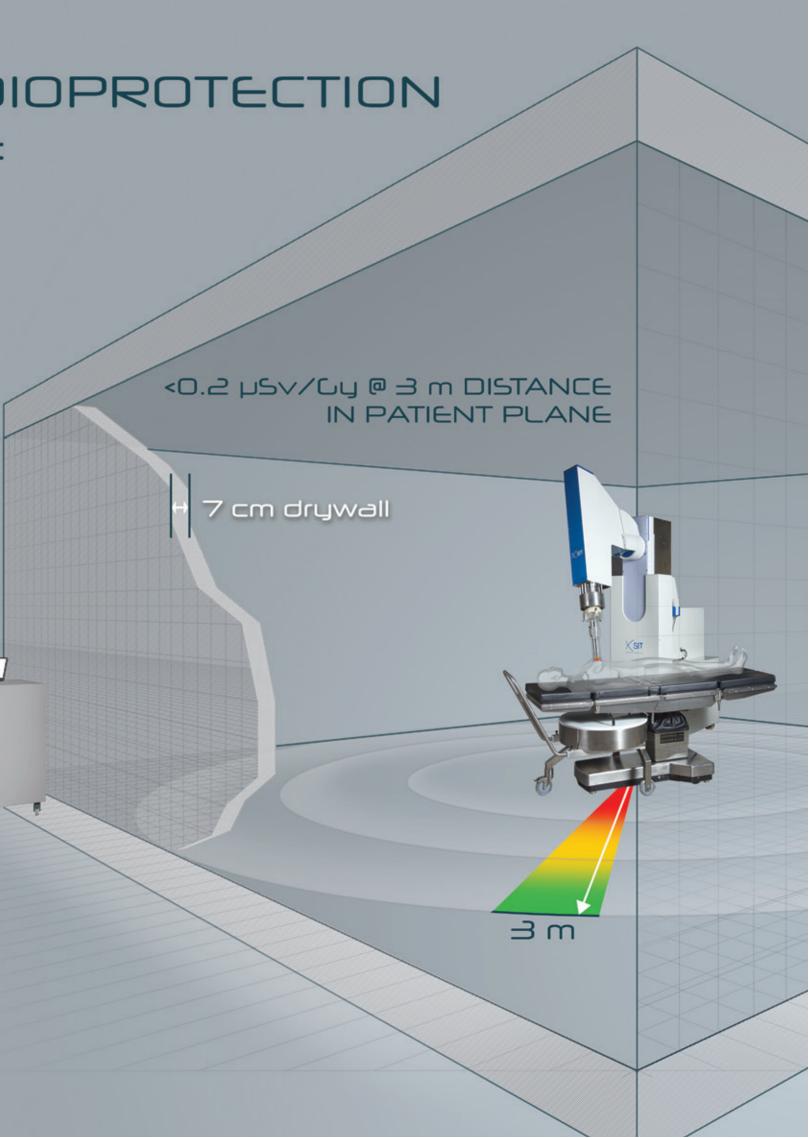
The high workload is always possible with any floor thanks to the modular beam absorber.

LIAC HWL is provided with a specific barrier to be placed under the operating table, the beam absorber.

Beam absorber proper positioning is guaranteed by the shield positioning device (SPS) that provides the correct position of the beam absorber respect to the LIAC HWL Mobile Unit.

A specific interlock prevents the irradiation in case of beam absorber mispositioning.

NO ADDITIONAL BARRIER, NOR MOBILE NEITHER FIXED, ARE NEEDED INSIDE THE OPERATING ROOM.



IOPRT CAN BE PERFORMED EITHER AS:

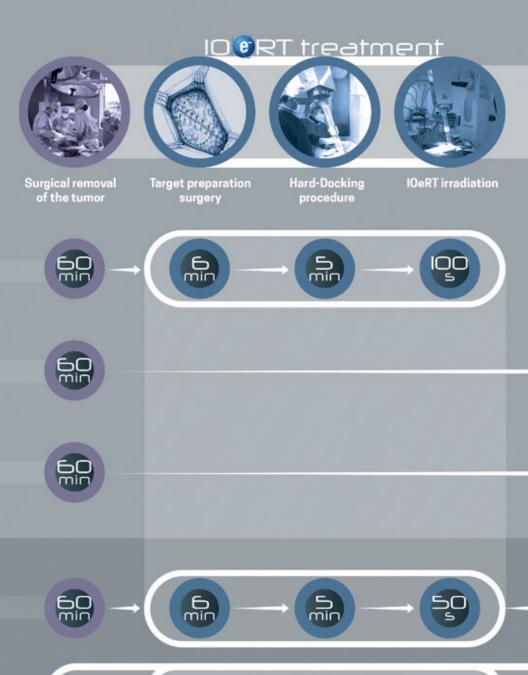
- SINGLE DOSE, a single treatment which replaces the entire external radiotherapy cycle.
 (ELIOT protocol for breast cancer)
- BOOST, followed by a reduced external radiotherapy cycle.
 (HIOB protocol for breast cancer).

IOERT SINGLE DOSE For a selected class of patients

HYPOFRACTIONATED
EXTERNAL RT CYCLE
For a selected class of patients

EXTERNAL STANDARD RT CYCLE

IOERT BOOST +
HYPOFRACTIONATED
EXTERNAL RT CYCLE



ADVANTAGES OF THE IO ORT TECHNIQUE

FOR PATIENTS:

- Reduction of the entire cycle to a single day!
- Elimination of side effects caused by conventional therapy.
- Decrease in costs to undergo treatment.

FOR SOCIETY:

Decrease of social costs associated to the need for care and lack of patient productivity.

FOR MEDICAL FACILITY:

Substantial reductions in waiting lists for radiotherapy centers.

EFFECTIVE & QUICK







External radiation therapy treatment

ONLY 1 TREATMENT DELIVERED DURING SURGERY



delivered in

FOR CLINICAL PRACTICE:

7/9 weeks

waiting time

- Improvement of local control is a conditio sine qua non for disease free and overall survival.
- Reduction (in the case of boost) and elimination (in case of single dose) of the external radiotherapy cycle.
- Time zero between surgery and the delivery of radiotherapy, neoplastic cells growth from microscopic residual disease follows an exponential course immediately after surgery. Giving IOeRT this problem is solved.
- Precision, thanks to direct visualization of the target.
- Significant reduction of dose to healthy tissues, the direct access of irradiation to the target allows to displace and mechanically protect numerous dose-sensitive normal tissue uninvolved by cancer.
- · Minimization of side effects, less toxicity, complete skin sparing and better cosmesis outcomes compared to external beam radiation therapy.
- Feasibility of the treatment as the only solution when external radiation therapy is critical or even not possible (treatments of recurrences, patients with a pacemaker or decreased mobility).
- IOeRT boost is particularly efficacious for the treatment of locally advanced cancers. IOeRT boost combined with external RT and chemotherapy allows to achieve excellent results of local control and overall survival (2016-2017 NCCN guidelines).

LOCAL CONTROL, THANKS

TO IO ORT BOOST DELIVERED AT TIME ZERO

BREAST APPLICATION

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STUDY	TREATMENT	NUMBER OF PATIENTS TREATED	LOCAL CONTROL
Sequential	external standard RT of 51-56.1 Gy (1.7 Gy per fraction) + IOeRT BOOST (9 Gy at 90% isodose)	190	100% (1) 4.3 years follow up
Intervention Study	external standard RT of 51-56.1 Gy (1.7 Gy per fraction) + external BOOST of 12 Gy	188	95.7% (1) 6.9 years follow up
First IOeRT Boost Experience	IOeRT BOOST (12 Gy at 90% isodose) + hypofractionated external RT 37.05 Gy (13 fractions of 2.85 Gy per fraction)	211	100% (2) 1 year follow up
ISIORT Pooled Analysis	HOERT BOOST (10 Gy at 90% isodose) + external standard RT of 50-54 Gy (1.7-2 Gy per fraction)	1109	99.2% (3) 6 years follow up
HIOB Protocol: First Results	Hopofractionated external RT 40.5 Gy (15 fractions, 2.7 Gy per fraction)	645	100% (4) 1 year follow up
Case Series Results of a Locally Advanced	How the second standard RT of 51-57 Gy (1.7-1.8 Gy per fraction)	83	98.5% (5) 5 years follow up
Breast Cancer (LABC) Post Induction Chemotherapy	external standard RT of 51-57 Gy (1.7-1.8 Gy per fraction) + external BOOST (12 Gy, 2 Gy per fraction)	26	88.1% (5) 5.7 years follow up
Triple-negative Breast Cancer Experience *	Hexternal standard RT (median total dose of 54 Gy)	71	93% (6) 8.1 years of follow up

The Salzburg concept of intraoperative radiotherapy for breast cancer: Results and considerations, Reitsamer R. et al., Int. J. Cancer, Vol.118, pp. 2882–2887, 2006

Preliminary results of electron intraoperative therapy boost and hypofractionated external beam radiotherapy after breast-conserving surgery in premenopausal women, Ivaldi G.B. et al., Int. J. Radiation Oncology Biol. Phys., Vol. 72, No. 2, pp. 485–493, 2008 doi:10.1016/j.ijrobp.2007.12.038

IORT with electrons as boost strategy during breast conserving therapy in limited stage breast cancer: Long term results of an ISIORT pooled analysis, Fastner G., Sedlmayer F., Ciabattoni A., Orecchia R., Valentini V. et al., Radiotherapy and Oncology, Vol. 108, Issue 2, pp. 279-286, 2013.

IDERT as SINGLE DOSE

TREATMENT	PATIENTS SELECTION CRITERIA	NUMBER OF PATIENTS TREATED	LOCAL CONTROL
21 Gy prescribed at 90% of isodose	SUITABLE PATIENTS ASTRO guidelines	294	98.5% (8) 5.8 years follow up
21 Gy prescribed at Dmax (18.9 Gy at 90% of isodose)	SUITABLE PATIENTS ASTRO guidelines	226	99.6% (9) 46 months follow up

ASTRO GUIDELINES UPDATE: broader selection criteria

In September 2016, ASTRO published the Update of the Accelerated Partial breast Irradiation (APBI) Consensus Statement in order to provide a guidance on use of IORT for Partial Breast Irradiation (PBI) in early stage breast cancer [7].

On the basis of the published evidence and the mature results obtained thanks to the 5.8 years follow-up of the ELIOT trial, it has been recognized the efficacy of performing the IORT with electrons.

In details, the ASTRO society stated the following recommendations:

- IORT with electrons (IOeRT) can be used in the clinical practice outside of a clinical trial for the suitable group of patient;
- IORT with low energy x-rays can never be used outside of a clinical trial.

- Hypofractionated WBI plus IOERT-boost in early stage breast cancer (HIOB): Updated results of a prospective trial, Fastner G., Reitsamer R., et al., Radiother Oncol. Vol.115 (Supplement 1):S233-4, 2015.
- IOERT as anticipated tumor bed boost during breast-conserving surgery after neoadjuvant chemotherapy in locally advanced breast cancer-Results of a case series after 5-year follow-up, Fastner G. et al., Int. J. Cancer, Vol. 136, pp. 1193–1201, 2015. DOI: 10.1002/ijc.29064
- Survival and local control rates of triple-negative breast cancer patients treated with boost-IOERT during breast-conserving surgery, Fastner G. et al., Strahlenther Onkol., Vol. 192, n.1, pp:1-7, 2016
- Accelerated Partial Breast Irradiation: Executive Summary for the Update of an ASTRO Evidence-Based Consensus Statement, Correa C, Harris, E.E. et al., PRO, 2016 (DOI: 10.1016/j.prro.2016.09.007).
- 8. How Do the ASTRO Consensus Statement Guidelines for the Application of Accelerated Partial Breast Irradiation Fit Intraoperative Radiotherapy? A Retrospective Analysis of Patients Treated at the European Institute of Oncology, Leonardi M. C., Maisonneuve P, Mastropasqua G., Morra A., Lazzari R., Rotmensz N., Sangalli C., Luini A., Veronesi U., and Orecchia R., Int. J. Radiation Oncol. Biol. Phys., Vol. 83, No. 3, pp. 806-813, 2012.
- Accelerated Partial Breast Irradiation using only intraoperative electron radiation therapy in the early stage breast cancer, Maluta S. et al., Int J Rad Onc, pp.1-8, 2012.

MULTI-CANCER APPLICATION

DISTRICT	INDICATION Stage / Locally advanced	INSTITUTION reference	RESULTS
	Unresectable	MGH(1)	2 y 16% 0S (survivors > 5 y)
	Bordeline	MOD (O)	0497 1 0 2 4097 097 00
PANCREAS	Resectable	MCR (2) HGUGM (3)	84% LC; 3 y 40% vs 0% 0S 5 y 58% LC
	Unresectable or	MGH (4)	35.1 months of median OS
	borderline-resectable		Sola months of modular oc
	Resectable	HGUGM (5)	5 y 85% LC
ESOPHAGO-GASTRIC	Stage II and III	Meta-analysis HCMU (6)	IORT improved LC
GASTRIC	Resectable	Systematic review (7)	St III IOeRT promoted OS
	cT2-4 N+	HGUGM (8)	5 y 96% LC
	Primary and recurrent	Systematic review (9)	IOeRT improved LC and OS
RECTAL	Unresectable T4	MCR and CHE (10)	5 y 19.3 % LR, DFS 55%, OS 56%
	Recurrent	MCR and CHE (11)	5 y 45.3% local re-recurrence rate
	pT4N0/T1-4N+	Multivariate analysis (12)	5 y 89.7% LC and 69.0% DFS
PROSTATE	Metastatic D1 and D2	Saitama Cancer C (13)	5-10 y 75/52% OS
RENAL	Recurrent/Primary resectable	US-Europe Pooled-analysis (14)	5y 37% (p) vs 55% (r) 0S
	Ewing/Rhabdomyosarcoma	Pooled-European (15)	5-10 y 74% - 68% 0S
PEDIATRIC	Neuroblastoma + sarcoma incomplete resection	Heidelberg Univ (16)	1/18 local recurrences
	primary extremity soft-tissue	Multicentric Pooled Analysis (17) 10 y 85% LC, 76% DFS, 81% OS
*	Retroperitoneal	Heidelberg Univ (18)	5 y 72% LC
	Retroperitoneal	MCR (19)	5 y 89% LC
SARCOMAS	Retroperitoneal	Boston Univ (20)	5 y 54% OS for liposarcoma
	Resectable retroperitoneal	Univ Freiburg (21)	5 y 89.5% survival rate
	Extremity soft tissue	Pooled-European (22)	5 y 82% LC
	Osteosarcomas	Pooled-European (23)	10 y 82% LC, 73% OS
	Gynaecologic, rectal	HGUGM (24)	5 y 53% LC, 46% OS
OLIGO-RECURRENCES	STS, head and neck uterine, colorectal	Univ of Navarre (25)	5 y 31% LRC, 57% DMFS, 31% OS
	 Cancer. 2013; 119:4196-204 J Gastrointest Oncol. 2013;4:3 Pancreatology. 2013;13:576-8 American Journal of Clinical Oncol. 2013;20:1962 Minerva Med. 2017;108(1):74-40 	52-60 (13) Int J Clin 2 (14) Int J Radi cology 2016 (15) Int J Radi -9 (16) Int J Radi	Oncol. 2015 Feb;38(1):11-6. Oncol. 2016 at Oncol Biol Phys. 2014;88:618-23 at Oncol Biol Phys. 2015;92:1069-76 at Oncol Biol Phys. 2006;64:235-41 at Oncol Biol Phys. 2014;90(1):172-80

(7) Mol Clin Oncol. 2015; 3:185-189

(8) Radiother Oncol. 2014;112:52-8

(10) J Gastrointest Oncol. 2016; 7(6):903-916

(11) Eur J Surg Oncol. 2017 Jan; 43(1):107-117

(9) Surg Oncol. 2013;22:22-35

(18) BMC Cancer. 2014;14:617

(20) Int J Clin Oncol 2017; 1-6

(19) J Surg Oncol. 2014;109:798-803

(21) Radiation Oncology 2017; 12:29(22) Strahlenther Onkol. 2014;190:891-8

NCCN GUIDELINES UPDATE: IDERT PRACTICE CONSOLIDATION

REMARKS / IOERT effects

≤ 8cm, Charlson comorbidity index
≤ 3, chemotherapy = OS 21 months
Median survival: 23 m R0 vs 10 m R2/unresectable
98% local control with IOeRT boost
IORT with neoadjuvant CT and CRT improve survival.
No toxicity incremented by IOeRT
IOeRT significant improvement of LC
Favourable effect of IORT in pts with stage II and III
Any stage IOeRT promoted local control
Prognostic index for risk-adapted treatment.
No toxicity increment by IOeRT
IOeRT and Preop CRT improve OS
IOeRT advantage in pts with R1 and R2 resection
No increase of acute and long-term complications
In D2 IORT significantly cancer-specific survival
Survival affected by nodal involvement,
sarcomatoid features and IORT dose
R1 and recurrent influence outcome
6 clinical significant late toxicity
IOeRT boost increased LC with low toxicity rates
Preoperative IMRT for external RT escalation
89% vs 46% S+RT vs S alone (p=0.003)
IOeRT and adjuvant EBRT improved survival for liposarcoma
Pts ≤ 55 years and R2 resection are adverse for survival
In-field LC promoted by IOeRT dose ≥12.5 Gy
R1 adverse for local control
EBRT + IOeRT compensate adverse factors fragmentation

- (23) Radiother Oncol. 2016
- (24) Ann Surg Oncol. 2015 Suppl 3:1247-55

and radiation dose for survival

Gross macroscopic resection is significant for LRC

(25) Radiother Oncol 2015;116(2):316-22

Additional references:

- Pancreas: Semin Radiat Oncol. 2014: 24:126-31
- Extremity recurrent sarcomas: Sarcoma. 2015::91:3565

NCCN (National Comprehensive Cancer Network), in 2016-17, has recommended IOeRT in the treatment of:

- soft tissue sarcoma of extremity/trunk/head-neck and retroperitoneal/intra-abdominal sarcoma;
- rectal cancer resectable for very close or positive margins, especially for T4 or recurrent cancers;
- colon cancer locally unresectable, especially for T4 or recurrent cancers;
- pancreatic adenocarcinoma unresectable or locally recurrent cancer:
- cervical cancer recurrent disease;
- endometrial cancer recurrent disease:
- uterine sarcoma for radiologically isolated vaginal/pelvic recurrence.

MGH = Massachusetts General Hospital

HCMU = Hospital of China Medical University

MCR = Mayo Clinic Rochester

CHE = Catharina Hospital Eindhoven

LC = Local Control

LRC = Local Regional Control

OS = Overall Survival

DMFS = Disease Metastasis Free Survival

m = months v = years

pts = patients

(p) = primary locally advanced disease

(r) = recurrent disease

St = stage

IMRT = Intensity Modulated RadioTherapy

IOeRT = IntraOperative electron RadioTherapy

R1 = microscopic residual disease

C = Centre

S = Surgery

CT = Chemotherapy

CRT = Chemoradiotherapy

RT = Radiation Therapy

EBRT = External Beam Radiation Therapy

SR = Survival Rate

STS = Soft Tissue Sarcoma

D1 = cancer spread to the lymph nodes only

D2 = cancer spread to the distant lymph nodes and or to bones or internal organs

HGUGM = Hospital General Universitario Gregorio Marañon

cT2-4 N+ = clinical stage transmural or metastatic nodes

pT4N0/T1-4N+ = locally advanced stage involving other organs/structures or metastatic pelvic nodes

LIAC HWL COMMISSIONING

The LIAC HWL commissioning is performed in accordance with primary international protocols through the use of standard dosimetric instrumentation, as well as use of the LIAC HWL Monte Carlo Simulation proprietary software.

The use of the Monte Carlo software allows to dramatically reduce (3 working days) the dosimetric characterization of the accelerator already during its acceptance test performed at the main factory.

The clinical dosimetry of the totality of combinations (4 energies x 7 diameters of the applicator x 4 bevel angles) is immediately available, thus allowing to overcome the need for execution of the whole experimental characterization.

The software results are generated starting from a simple set of experimental measurements and using an Monte Carlo library of simulated monochromatic beams across the whole spectral region.

Thanks to the user-friendly interface, these results are easy and quick to use. During the clinical phase, the display of real-time isodose curves guides the correct choice of applicator and energy.

PLUG & PLAY INSTALLATION

LIAC HWL is a plug & play device.

It is not necessary to conduct any upgrading in operating rooms.

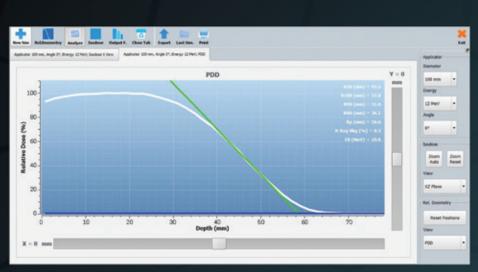
It is sufficient to connect the mobile unit and the control unit by a dedicated cable.

The LIAC HWL installation only requires availability of:

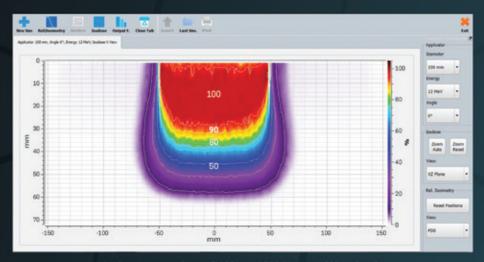
- socket (230 mono-phase + ground [V] 50 Hz);
- acoustic and optical signaling system, where required.

After just 5 days after delivery at its destination site, the system is ready for the first IOeRT treatment.

Thanks to the experience honed over the years, SIT is able to run an ad hoc preliminary proteximetric studies based upon the hospital's operational needs and the selected operating room.



PDD analysis, applicator Ø 100 mm, 12 MeV energy, 0° bevel angle.



Isodose curve, applicator Ø 100 mm, 12 MeV energy, 0° bevel angle.



LIAC HWL delivery to hospital and transport to operating room. Installation check; LIAC HWL is connected to the alarm and signal system of the operating room in order to verify proper functioning.



LIAC HWL dosimetric check.



Training for IOeRT staff.



First patient treatment.

FAST COMMISSIONING AND PLUG & PLAY INSTALLATION



WORLDWIDE SERVICE ENGINEERS NETWORK COORDINATED BY SIT HEADQUARTER.

Costa Rica Germany Kazakhstan Saudi Arabia Switzerland USA - Florida USA - Illinois USA - Oklahoma

Chile

Cuba **Ecuador** Georgia

> Greece Iran

Mexico Poland Russia

Spain

Thailand Turkey

Venezuela

USA - Pennsylvania

FEATURE	VALUE
Nominal Energies (model 12 MeV)	6, 8, 10, 12 [MeV]
Nominal Energies (model 10 MeV)	4, 6, 8, 10 [MeV]
Surface Dose	≥ 88 % model 10 MeV ≥ 90 % model 12 MeV
Beam Current	≤1.5 [mA]
Field Dimensions	Ø: 3, 4, 5, 6, 7, 8, 10 [cm] Angles: 0°, 15°, 30°, 45°
Flatness (maximum energy value)	<7% Ø 10[cm] <3% Ø 8,7,6[cm] <9% Ø 4,5[cm] ≤12% Ø 3[cm]
Symmetry (maximum energy value)	≤3%
Applicator length	40 [cm]
Source Surface Distance (SSD)	64.5 [cm]
Dose rate (applicator Ø 10 cm)	10 ÷ 30 [Gy/min]
E-gun pulse duration	≤ 4 [µs]
Long term stability	≤ 3 %
Short term stability	< 1%
Linearity	≤ 1%
Stray X-radiation (PDD Bremsstrahlung tail)	≤ 0.4 %
MOBILE UNIT	
Length	210 [cm] 83 [inch]
Width	76 [cm] 30 [inch]
Height (minimum value)	180 [cm] 71 [inch]
Weight	570 [kg] 1257 [lb]
CONTROL UNIT	
Length	80 [cm] 32 [inch]
Width	60 [cm] 24 [inch]
Height	120 [cm] 47 [inch]
Weight	120 [kg] 265 [lb]
ELECTRICAL SPECIFICATIONS	
Temperature	18÷25[°C] 64.4÷77[°F]
Relative humidity	30 ÷ 75 % (not condensing)
Voltage	230 mono-phase + ground [V]
Voltage variation	±10%
Frequency	50 [Hz]
Nominal capacity	3 [kVA]
Environment power dissipation	2.5 [kW]
ACCESSORIES	
Mobile radioprotection barrier	HVL,TVL (lateral) beam absorber (horizontal)
Patient Radioprotection Disc PATENTED	Ø: 4, 5, 6, 7, 8, 9 [cm]
Software	LIAC HWL MU Calculus and QA stability check LIAC HWL Monte Carlo Simulation Dosimetric Tool KSAT Dosimetric Tool KQ,Q'



TECHNICAL FEATURES



For more information about scientific and clinical evidences related to IOeRT technique:

> MEDting Platform Web: https://ioert.medting.com/

> > ISIORT web: www.isiort.org

SIT Patents:

RADIATION DOSE CONTROL DEVICE FOR CONTROLLING AN ELECTRON BEAM PULSE DELIVERED DURING IORT

ABSORBER DEVICE

DEVICE FOR SHAPING AN ELECTRON BEAM OF A MACHINE FOR INTRAOPERATIVE RADIATION THERAPY

IORT MEDICAL ACCELERATOR WITH A
PARTICLES BEAM ENERGY
MEASURING DEVICE

SHIELDING DEVICE, IN PARTICULAR FROM RADIATION EMITTED BY AN ELECTRON ACCELERATOR

> MACHINE FOR INTRAOPERATIVE RADIATION THERAPY

A IONIZING RADIATION BEAM DETECTOR

Registered Office

Operative Head Quarter & Main Factory Premises

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