



Nuclear Medicine and Healthcare Services

20 years
of industry
experience

In Nuclear Medicine
Ethical, **D**ynamic, **H**ighly focused
solutions





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Established in 2017 to meet the constantly evolving and changing needs of the healthcare sector and to add value to its stakeholders with a holistic approach, EDH continues its activities in three main areas with the principle of always being by your side, thanks to the extensive competence and knowledge base of its Ethical, Dynamic and Highly focused team, in order to provide solutions to all your questions and problems:

Radiopharmaceuticals/ Radioprecursors

Gallium-68 (Ge-68/Ga-68) Generator, Lutetium-177 (Lu-177), Terbium-161 (Tb-161), Actinium-225 (Ac-225), OncoSil™, Other Radioprecursors, Chemicals, and Consumables

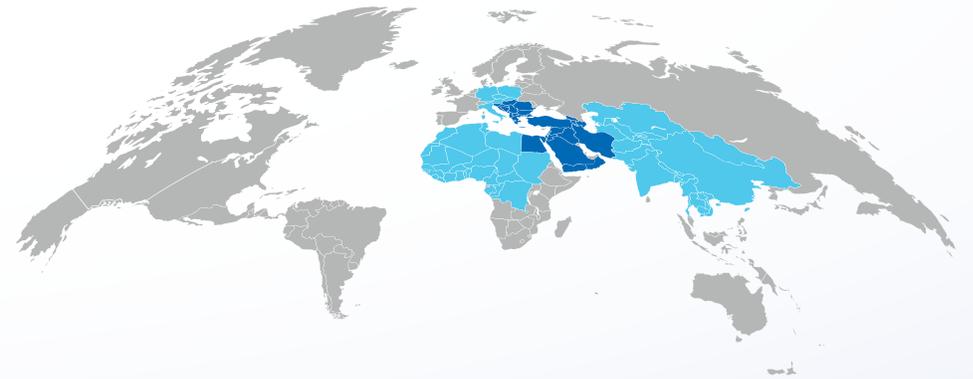
Nuclear Medicine Equipment

Radiochemical Synthesis Devices, Radiopharmaceutical Quality Control Devices, Radio HPLC, Radio Flow Detectors, Multi Channel Analyzer (MCA), Radiation Measurement Devices, Radiopharmaceutical Production Site Equipment, Intraoperative Surgery Device (Gamma Probe), Clinical Imaging Devices, Preclinical Imaging Devices, Equine Scanner

Services & Consultancy

Theranostic Compounding Services, Theranostic Project Collaboration, Radiopharmaceutical Production Facility Setup, Technology Transfer, Training & Consultancy, Contract Development & Manufacturing Organization (CDMO)

EDH carries out all its activities covering a wide geography including primarily Turkey, as well as Central and Eastern Europe, North Africa, Middle East, Gulf Countries, and CIS countries.







Radiopharmaceuticals/
Radioprecursors

Gallium-68 (Ge-68/Ga-68) Generator

iThemba LABS Ga-68
GeneratoriRE Elit Ga-68
Generator

Lutetium-177 (Lu-177)

c.a. (carrier added)
Lutetium-177 (Lu-177) Chloriden.c.a. (non carrier added)
Lutetium-177 (Lu-177) Chloride

Terbium-161 (Tb-161)

**Potential indications:**

Prostate, Breast, Neuroendocrine and Solid Cancers



Product Tb-161 in aqueous 0.05M HCl
Decays to stable Dy-161



Chemical purity >99% (ICP-MS)
Radiochemical purity >99% (TLC)



EB 154KeV (average)
Ey 49KeV (17%) 75KeV (10%)



Factor 3 higher cellular absorbed dose
High LET Conversion & Auger electrons



First commercial Tb-161 product in the world.
Global availability from Q1 2023

Actium-225 (Ac-225)



Ac-225 labelled compounds are used to target various types of cancer such as prostate cancer, neuroendocrine tumors, breast cancer, and leukemia.



Dry Nitrate



We're offering on site labelling service for magistral (gallenic) production applications.



Labelling services in your center would be finalized with our Alpha Probe TLC analysis to let you be safely release to use the final product on your patients.

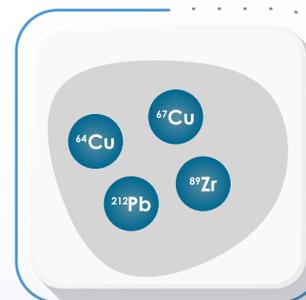
OncoSil™



to treat patients with locally advanced unresectable pancreatic cancer (LAPC)

OncoSil™, is a single-use brachytherapy (internal radiation) device used to deliver a pre-determined dose of beta radiation directly into cancerous tissue. It is used in combination with chemotherapy.

Other Radioprecursors



We closely monitor international developments in the field of Nuclear Medicine and regularly work on making various novel radioprecursors accessible for new studies.

In this context, please feel free to contact us for any needs you may have for different radioprecursors required for your research or clinical studies.

Chemicals & Consumables



Peptides, Consumables and Chemicals for Radiochemical Synthesis

- Radiochemical synthesis cassettes and kits
- Radiochemical labelling peptides (PSMA, DOTATATE, etc.)
- $H_2^{18}O$
- Ge-68/Ga-68 generator elution solutions
- Glass/Plexiglass flacons/vials
- Other chemicals and consumables



Nuclear Medicine
Equipment

Radiochemical Synthesis Equipment

GAIA + LUNA (Ga-68, Lu-177) Fully Automated Synthesis Unit with Single-Use Cassette



NEPTIS® (F-18, Ga-68, Lu-177) Fully Automated Synthesis Unit with Single-Use Cassette



MultiSyn (F-18, Ga-68, Lu-177) Fully Automated Synthesis Unit with Single-Use Cassette



Filter Integrity Tester



Radiopharmaceutical Quality Control Equipment



miniGITA Single/Dual Radio TLC

miniGITA Single



miniGITA Dual



Radio HPLC



Radio Flow Detectors

GABI Nova



POMO Nova



MCA (Multi Channel Analyser)



MUCHA Nova

Radiation Measurement Equipment



- BAK-4384 DPU-3 Area and Stack Monitoring System
- IC3 Ion Chamber
- RAM GENE-1 Meter
- RAMION Meter
- GM-10 Detector
- RAM GAM-1 Meter
- RAM DA-2000 Meter
- RAM R-200 Meter
- GM-40 Detector
- PM-10 Detector

Radiopharmaceutical Production Site Equipment



Hotcells (Isolators)

Theranostic Synthesis Hotcell
(Ga-68, Lu-177, and more)



FDG Dispensing/Synthesis Hotcell



SPECT (Tc99M, I-131) Production Hotcells



Cyclotron Bunker Door



Hot Lab Equipment



- Lead Brick Set
- Injector Carrying Container
- L-Block Shield
- Large/Small Radioactive Waste Bin
- Sharps Waste Container
- Shielded Panel
- Stainless Steel Stool
- Radiopharmaceutical/ Radioprecursor Carrying Containers

Intraoperative Surgery Device (Gamma Probe)



GammaPRO® Wireless Gamma Probe



It provides the capability to work with both PET and SPECT isotopes (Tc-99, I-125, Co-57, In-111, Lu-177, I-131, I-123, F-18, Ga-68) using the same probe without the need for an additional collimator.

Clinical Imaging Equipment

ECAM® Scintron SPECT Camera



NeuroLF Brain PET



Preclinical Imaging Equipment



Micro PET/SPECT/CT



Equine Scanner



EQUINE SCANNER H.R.



It is a device developed for performing scintigraphy on standing horses.



Services &
Consultancy

Theranostic Compounding Services

Customized Magistral Radiopharmaceutical Production



- Design and installation of radiopharmacy laboratory
- Equipment supply for theranostic production (hot cell, synthesis and quality control equipment)
- Production consumables supply (Ge-68/Ga-68 Generator, Lu-177, Ac-225, Tb-161, peptides, cassettes, reagents, etc.)
- Compounding and quality control applications
- Patient dose delivery

References: • Memorial Şişli Hospital – İstanbul, • Medicana Beylikdüzü Hospital – İstanbul

Theranostic Project Collaboration



We are pleased to collaborate in the conduct of new theranostic development projects as well as the integration of your nuclear medicine infrastructure with international projects, thanks to our extensive knowledge and experience in the radiopharmacy field.

Radiopharmaceutical Production Facility Setup



We're Always Here for You as You Build the Future...

- Preparation of architectural, mechanical, and electrical designs for the facility
- Planning of facility equipment, management of procurement processes, and/or equipment supply
- Project management
- Installation of devices and equipment
- Establishment of Quality Assurance System, implementation of Good Manufacturing Practice (GMP)
- Pilot productions
- Validation studies
- Supply of production consumables
- Facility operation
- Service & Maintenance Services

Technology Transfer



We provide technical support for your new product development efforts in radiopharmaceutical production facilities by implementing a Technology Transfer Project Management System compliant with ICH guidelines.

- Determination of the necessary technical infrastructure for new product/technology
- Revision designs of production areas
- Planning of production and quality control equipment, management of procurement processes, and/or equipment supply
- Project management
- Installation of devices and equipment
- Preparation of production protocols, documentation
- Pilot productions
- Validation studies
- Supply of production consumables

Training & Consultancy



With our 20 years of experience in the field of radiopharmacy, we are here to support you with all your training and consulting needs related to operational processes such as:

- Production
- Quality Control
- Quality Assurance System (GMP)
- Radiation Safety
- Logistics and more

Contract Development and Manufacturing Organization (CDMO)



We offer our services by establishing Contract Development and Manufacturing Organization (CDMO) infrastructures in all the geographies where you need them, whether for clinical research-level or commercialized radiopharmaceutical products.



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Please scan the QR code.

www.edhmed.com