

# NUCLEAR MEDICINE

**A 990 pages report & directory describing and analyzing over 370 radiopharmaceuticals and radionuclides and more than 170 companies and institutions active in nuclear medicine.**

New edition 2017  
available during the summer

The global nuclear medicine market is fragmented, with over 70 companies selling radiopharmaceuticals on a regular basis; however, three companies control half of the world market, whereas more than 50 companies share 16% of it. There are new opportunities in the growing nuclear medicine landscape. These opportunities have been identified not only in the radiodiagnostic area but notably in therapeutic radiopharmaceuticals, with the next product scheduled to reach the market within a year. Opportunities exist for larger groups or investors to finance such development, to merge with some partners and/or to acquire companies.

*Published in June 2016*

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### Executive Summary

### Nuclear Medicine Market

#### Radionuclides and Generators

- A detailed description of 44 radionuclides and 10 generators, plus 46 radionuclides for R&D.

#### Radiopharmaceuticals on the Market

- Overview of applications in Oncology, Cardiology, Neurology and others.
- A comprehensive description of 96 radiopharmaceuticals available on the market.

#### Radiopharmaceuticals under development

- Overview of clinical development and applications in Oncology, Cardiology, Neurology and others.
- A comprehensive review of 133 radiopharmaceuticals under development.

#### Suppliers & Development companies

- A comprehensive profile of 100 private companies and 28 public institutions supplying radiopharmaceuticals on a regular basis.
- A comprehensive profile of 44 companies currently doing research and development, but have not yet marketed a radiopharmaceutical product.

## About MEDraysintell

MEDraysintell is a team of international experts providing first-rate strategic intelligence in nuclear medicine, radiotherapy, proton therapy and brachytherapy.

We offer the most comprehensive set of reports and directories, with over 1,900 pages of unrivaled intelligence covering some of the most exciting healthcare technologies using radiation for diagnosis and treatment.

We offer client-specific intelligence in the field of radiation healthcare, with the upmost knowledge leveraging our extended network of worldwide contacts.

We are proud to support numerous companies globally, helping them better understand the markets, competitive environment as well as the potential of merger and acquisitions (M&A) and technology development. We have repeat satisfied clients operating in the field of medical radiation, investment banks and institutional investors, large international consulting firms and universities research laboratories.

MEDraysintell was created in 2013 by Paul-Emmanuel Goethals and Richard Zimmermann. It combines over 40 years of experience in radiation healthcare.

# CYCLOTRONS

**A 350 pages evaluation report and directory identifying more than 1,200 medical cyclotrons worldwide.**

After several years of decline/stagnation, the cyclotron market is expected to growth slightly, partly due to the introduction of new PET tracers and replacement of aging equipment, in addition to growing revenues from maintenances and upgrades as well as a rising interest for PET technology in Asia.

This report identifies more than 1,200 cyclotrons dedicated to the production of medical radionuclides, with a detailed profile of the 14 companies active in this field.

*Published in December 2015*

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#### Cyclotron Installed Base

- A detailed review per key region & country: Europe, North America, Asia, Middle-East, Russia, Latin America, Africa and Oceania.

#### Cyclotron Suppliers

- A comprehensive description of the 14 companies active in this field, plus a summary profile of the ten firms that were active in this market in the past but do no longer offer cyclotrons for sales.

### Appendix

- Complete list of the > 1,200 cyclotrons analyzed in the report, with site name, location, manufacturer, cyclotron type & size.

# PROTON THERAPY

The most comprehensive evaluation of the world proton therapy industry. This report includes a complete market review and contains a detailed profile of all promoters, manufacturers or developers of proton and carbon therapy equipment.

For the first time, the proton therapy world market is anticipated to reach over US\$ 1 billion in 2018, one year sooner than previously estimated. By 2021, 375 proton therapy treatment rooms will be available to patients, a jump from the 171 proton therapy treatment rooms operational in 2015 worldwide. However, in 2015 only 0.5% of the population that needs access to external radiotherapy was treated with proton therapy. There is a growing evidence of clinical efficacy of proton therapy that will progressively be used to treat a broader number of indications. In addition, the emergence of lower-cost/compact PT systems is allowing more centers to be installed. There is still much room for further growth.

*Published in October 2016*

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### Economics of PT and Reimbursement

### Clinical Applications

### Promoters of PT and Equipment Suppliers

- Profile of 26 companies, promoters, manufacturers or developers of proton and carbon therapy.

### Appendix

- Complete list of all operational facilities and future PT centers up to 2021 around the world.

# BRACHYTHERAPY

The most comprehensive evaluation report and directory of the brachytherapy industry providing detailed information on products and companies.

Brachytherapy represents an effective treatment option for many types of cancer, yet brachytherapy might be identified as the unexploited therapy. However new developments will also target different organs and tissues to be treated and therefore contribute to the further growth of this economic therapy modality.

The global market for brachytherapy reached US\$ 705 million in 2015 and is expected to reach US\$ 2 billion in 2030.

This 340-page report covers LDR, HDR, electronic brachytherapy and microspheres, showing novel developments and providing details on market opportunities and companies active in this field.

*Published in March 2016*

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- The S-Curve of brachytherapy and Market matrix

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- Radionuclides for R&D

### Marketed Brachytherapy Devices

- Seeds for LDR
- Sources for temporary MDR, PDR and HDR
- Afterloaders
- Radioactive wires, needles and coils, plaques and foils, particles and microspheres, liquids, gels
- Electronic brachytherapy

### Brachytherapy Products Suppliers

- A comprehensive profile of 62 private companies and public institutions active in brachytherapy.

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Bringing value to Businesses and Investors!

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