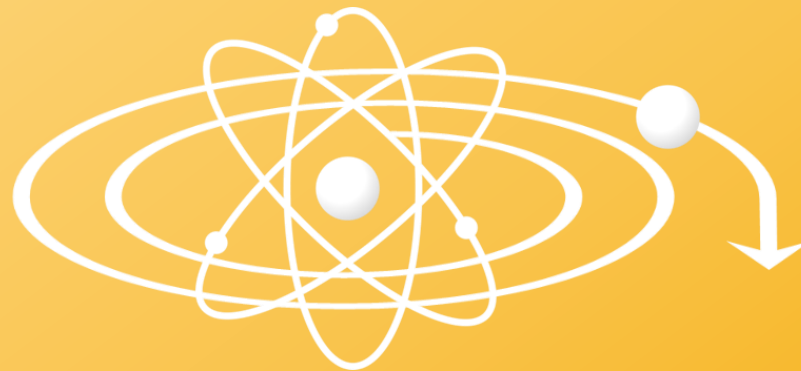


CYCLOTRONS

USED IN NUCLEAR MEDICINE

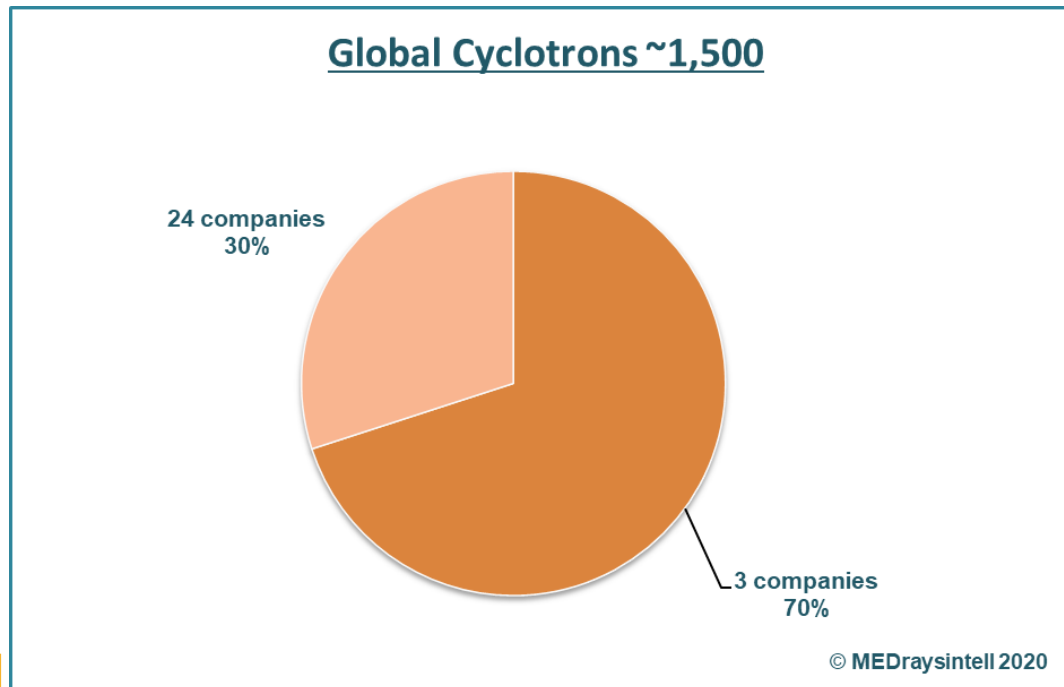
REPORT & DIRECTORY

EDITION 2020



Cyclotrons, Edition 2020

- The global cyclotron market is valued at more than US\$ 180 million for the year 2019
- The top three main suppliers of cyclotrons do share almost 70% of the world market installed base (in units), and some new comers entered the market recently.



Cyclotrons, Edition 2020

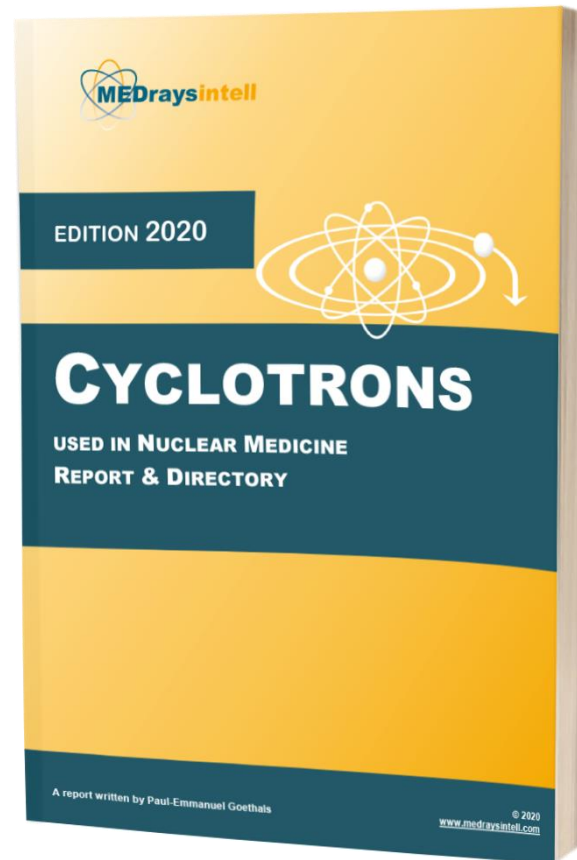
- Cyclotrons used in Nuclear Medicine Report & Directory
 - A 450-page report covering all cyclotrons installed or recently sold in all countries and regions of the world
 - List of 1,484 cyclotrons dedicated to the production of medical radionuclides installed worldwide (for nuclear medicine - radiopharmaceuticals)
 - Description of accelerators capable of producing radionuclide

Medical radionuclides ideally produced with small-sized cyclotrons

Cyclotron sizes (Energy)	PET	SPECT	Therapy
<6 MeV (XS cyclotrons)	xxx, xxx, ^{15}O , xxx	-	-
<15 MeV (S - small size)	^{11}C , ^{13}N , xxx,xxx, xxx, ...	(^{67}Ga), xxx, ...	xxx

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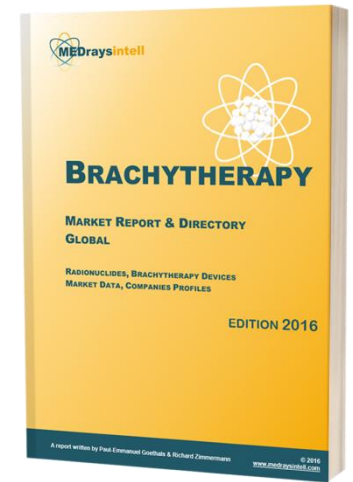
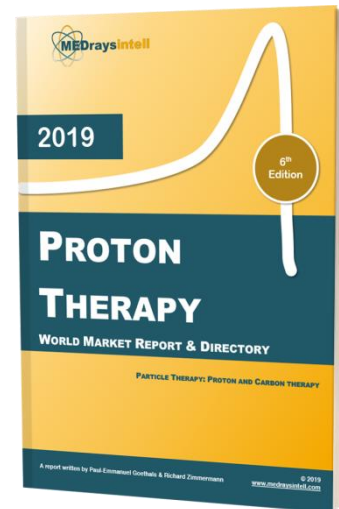
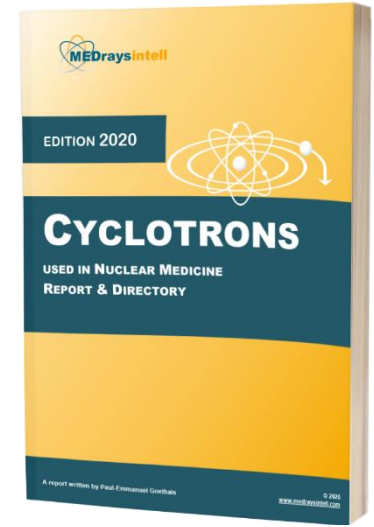
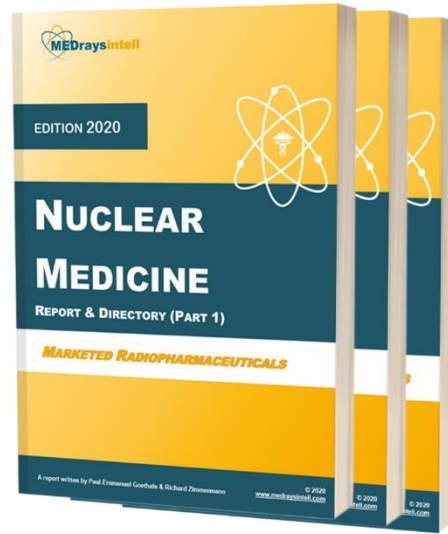
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Paul-Emmanuel Goethals, MBA
Louvain-la-Neuve, Belgium
peg@medraysintell.com
Phone: +32 491 080 968

Dr. Richard Zimmermann, PhD
Lalaye, France
rz@medraysintell.com
Phone: +33 6 82 80 06 00

www.medraysintell.com

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