Proton Therapy remains a niche market, representing less than 2% of all the external radiotherapy systems installed worldwide.
In 2018, among all patients that have been treated for their cancers worldwide, less than 0.2% were treated using particle therapy.
As of February 2019, there were fewer than 240 particle therapy (mostly proton therapy) treatment rooms available to patients worldwide.
Today, there is 0.3 PT treatment rooms per ten million people worldwide, compared to some 20 radiotherapy systems per ten million people.

<table>
<thead>
<tr>
<th>Region</th>
<th>Particle Therapy Treatment Rooms for 10 million people</th>
<th>Radiotherapy systems for 10 million people</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>3</td>
<td>120</td>
</tr>
<tr>
<td>Europe</td>
<td>1</td>
<td>60</td>
</tr>
<tr>
<td>Asia</td>
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<td>9</td>
</tr>
<tr>
<td>WORLD</td>
<td>0.3</td>
<td>20</td>
</tr>
</tbody>
</table>
Japan and The Netherlands have the densest number of PT treatment rooms, with 4 PT rooms per ten million people.
Proton Therapy, Edition 2019

For the first time, the proton therapy world market is anticipated to reach over US$ 1 billion in 2019, but with a projected market slowdown of 25% in 2020 versus 2018 due to the low orders intake from mid-2016 and a persistent decline in 2017 and 2018.
The global Proton Therapy market is estimated to reach between US$ 620 million to 1.2 billion by 2030, with 500 to 650 particle therapy treatment rooms open to patients worldwide.

In 2018, only 0.7% of the population that needed access to external radiotherapy was treated with proton therapy. Even with 650 treatment rooms in 2030, this will allow only 3-4% of this population to be able to receive proton therapy treatment.
Three vendors share now 70% of the US$ 0.9 billion global proton therapy market in 2018. In the coming years more than 10 vendors are likely to be active in the global PT market, estimated to reach up to US$ 1.2 billion by 2030. A challenging trend that remains realistic especially if the industry brings novel equipment, smaller & less expensive.
Proton Therapy

Published in February 2019 (6th Edition)

- A 350-page report which analyzes both past evolutions and future trends to the year 2030, with a detailed profile of 29 promoters, manufacturers or developers of proton and carbon therapy equipment and the list of all PT facilities that are or will be operational worldwide by 2023.

A detailed table of contents and sample pages are available upon request, please send an e-mail with your contact details to: peg@medraysintell.com
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