Remote Patient Monitoring (RPM) promises to improve patient outcomes, reduce healthcare utilization, decrease costs, provide abundant data for research, and improve physician’s daily workflow.

However, RPM is still not widely adopted. Accenture surveyed 120 physicians in oncology and neurology in Europe, the United States and Asia, to better understand the needs, obstacles and trends in RPM in neurology and oncology.

**RPM today and tomorrow**

### Today

- 1 out of 10 patients is using RPM today
- 8 out of 10 physicians expect to increase the use of RPM

### Tomorrow

- 87% of physicians believe RPM will be a key part of the patient experience in the future

**Benefits of RPM**

Physicians overwhelmingly agree to RPM effectiveness and say early detection of side effects is a key benefit. 80% of physicians see RPM as an effective tool for their daily practice.

**Top 3 reasons for using RPM**

<table>
<thead>
<tr>
<th>Oncologists</th>
<th>Neurologists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earlier detection of therapy side effects</td>
<td>52%</td>
</tr>
<tr>
<td>Minimize resource utilization (e.g. HCP time)</td>
<td>33%</td>
</tr>
<tr>
<td>Increased patient self-management</td>
<td>32%</td>
</tr>
</tbody>
</table>

**Target patient population of RPM**

According to our survey, the primary target patient population for RPM is patients with acute diseases rather than patients with chronic diseases.

- 63% patients with acute disease
- 32% patients with chronic disease

**Success factors for using RPM**

- 58% of physicians believe RPM will be a key part of the patient experience in the future

**Types of data gathered today via RPM**

- 52% Active repeated assessment of cognitive performance (e.g. memory test)
- 48% Patient reported mental symptoms or status (e.g. depression)
- 44% Patient reported physical symptoms or status (e.g. headache)
- 43% Passive monitoring of physical performance (e.g. step count)
- 40% Active repeated assessment of physical performance (e.g. walk test)

**Data in the Cloud**

- 63% support storing RPM data in the cloud
- 58% wish more guidance on who owns the data and how it can be used

**Barriers to adoption**

- 44% Data privacy and security concerns
- 42% Limited adherence of patients using RPM
- 37% Limited evidence of clinical benefits of RPM solutions

**Success factors for using RPM**

- 58% Clinical evidence showing the value
- 66% Increased understanding of the therapy response
- 50% Better patient control over their data
- 52% Easy to use