Out-of-pocket Medical Costs for Parents with Children with Down Syndrome in the United States

Citation

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Accessibility


Baseline characteristics post-matching

Table 1. Baseline characteristic in patient age cohorts, after matching.

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Patients with DS</th>
<th>Matched controls</th>
<th>Matched controls</th>
<th>Matched controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age 1 to &lt;3 years</td>
<td>1,173 (56.9%)</td>
<td>687 (52.2%)</td>
<td>644 (52.3%)</td>
<td>597 (52.4%)</td>
</tr>
<tr>
<td>Age 3 to &lt;5 years</td>
<td>1,284 (58.4%)</td>
<td>644 (52.3%)</td>
<td>644 (52.3%)</td>
<td>597 (52.4%)</td>
</tr>
<tr>
<td>Age 5 to &lt;10 years</td>
<td>1,214 (58.4%)</td>
<td>644 (52.3%)</td>
<td>644 (52.3%)</td>
<td>597 (52.4%)</td>
</tr>
<tr>
<td>Age 10 to &lt;15 years</td>
<td>1,098 (58.4%)</td>
<td>644 (52.3%)</td>
<td>644 (52.3%)</td>
<td>597 (52.4%)</td>
</tr>
<tr>
<td>Age 15 to &lt;18 years</td>
<td>974 (58.4%)</td>
<td>644 (52.3%)</td>
<td>644 (52.3%)</td>
<td>597 (52.4%)</td>
</tr>
</tbody>
</table>

Out-of-pocket costs

Table 2. Mean annual cost of out-of-pocket costs, by age category.

<table>
<thead>
<tr>
<th>Age category</th>
<th>Total annual cost, mean ± SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to &lt;3 years</td>
<td>5,127 ± 5,127</td>
</tr>
<tr>
<td>3 to &lt;5 years</td>
<td>6,215 ± 6,215</td>
</tr>
<tr>
<td>5 to &lt;10 years</td>
<td>6,792 ± 6,792</td>
</tr>
<tr>
<td>10 to &lt;15 years</td>
<td>6,863 ± 6,863</td>
</tr>
<tr>
<td>15 to &lt;18 years</td>
<td>6,945 ± 6,945</td>
</tr>
</tbody>
</table>

Discussion

As administrative claims data were used to estimate costs, children who died during the follow-up period from 0 to 18 years old were not included.

Conclusions

In addition, non-economic factors such as emotional conditions, overall family demand, and medication costs may also affect costs.

Limitations

Many factors may affect costs, including factors related to emotional and psychological conditions, personal preferences, and the availability of social services, which were not considered in this study.

References

The study only considered data from commercially insured families and may not be generalizable to other populations.

To estimate the out-of-pocket health care costs associated with raising a child with DS between birth and 18 years of age from the perspective of commercially insured parents.

Analyzing the data, the researchers found that...(insert specific findings here)...

The study was designed to...(insert study design here)...

METHODS

STUDY OBJECTIVE

OUTCOME MEASURES

PHASE 6

STUDY DESIGN

Figure 2. Study scheme

Figure 3. Mean total out-of-pocket annual cost to parents of children with DS and matched controls, by age category

CONCLUSION

LIMITATIONS

REFERENCES