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

Citation

Permanent link
http://nrs.harvard.edu/urn-3:HUL.InstRepos:34331450

Terms of Use
This article was downloaded from Harvard University’s DASH repository, and is made available under the terms and conditions applicable to Open Access Policy Articles, as set forth at http://nrs.harvard.edu/urn-3:HUL.InstRepos:dash.current.terms-of-use#OAP

Share Your Story
The Harvard community has made this article openly available. Please share how this access benefits you. Submit a story.

Accessibility
BACKGROUND

Data from the OptumHealth reporting and insights employee-benefits claims database were used to conduct this retrospective cohort study. We used the database to identify parents of individuals with DS for the entire period of 1999 through the first quarter of 2013 and has been previously published on medical and economic outcomes of DS patients. The study did not consider costs of educational, developmental, or special needs services. The results from other studies that do not estimate individual out-of-pocket costs were considered equally as important as financial costs are not explored in this study.

METHODS

RESULTS

Inpatients and Outpatients

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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Total</th>
<th>Study Location</th>
<th>Matched (Study Cohort)</th>
<th>Matched (Control Cohort)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>5,569</td>
<td>5,569</td>
<td>5,569</td>
<td>5,569</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Baseline Characteristics</th>
<th>Matched Study Cohort</th>
<th>Matched Control Cohort</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>Inpatients</td>
<td>2,260</td>
<td>2,260</td>
</tr>
<tr>
<td></td>
<td>Outpatients</td>
<td>3,309</td>
<td>3,309</td>
</tr>
</tbody>
</table>

Inpatients:

- **Total hospitalization cost**: $4,750 ± $9,230
- **Average length of stay**: 6.5 days

Outpatients:

- **Total medical cost**: $1,830 ± $3,210
- **Total pharmacy cost**: $600 ± $1,130

DISCUSSION

LIMITATIONS

CONCLUSION

REFERENCES

Presented at the ISPOR 20th Annual International Meeting, Philadelphia, PA, USA, May 16–19, 2015