HMSA: Integrating oral health for total health

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Our vision

A Hawaii where families and communities enjoy ever healthier lives

Our purpose

Together, we improve the lives of our members and the health of Hawaii. Caring for our families, friends, and neighbors is our privilege.
The affordability problem for nations

<table>
<thead>
<tr>
<th>Country</th>
<th>GDP in 2016</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>$18.6 trillion</td>
<td>#1</td>
</tr>
<tr>
<td>China</td>
<td>$11.2 trillion</td>
<td>#2</td>
</tr>
<tr>
<td>Japan</td>
<td>$4.9 trillion</td>
<td>#3</td>
</tr>
<tr>
<td>Germany</td>
<td>$3.47 trillion</td>
<td>#4</td>
</tr>
<tr>
<td><strong>U.S. health care</strong></td>
<td><strong>$3.4 trillion</strong></td>
<td><strong>#5</strong></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>$2.6 trillion</td>
<td>#6</td>
</tr>
<tr>
<td>France</td>
<td>$2.5 trillion</td>
<td>#7</td>
</tr>
<tr>
<td>India</td>
<td>$2.3 trillion</td>
<td>#8</td>
</tr>
</tbody>
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Source: Keehan, et al., Health Affairs, 2017

US health care costs are expected to grow even faster in the next decade, rising to $5.5 trillion by 2025.
Health insurance premiums eat up one third of median income for U.S. families.
Adults in Hawaii with angina or heart disease

Source: americashealthrankings.org/HI/CHD
Dental care affects health care costs in Hawaii

Our members who get dental services and have diabetes or CAD have lower medical costs than diabetics who don’t visit their dentist.

- 17.7 percent lower for patients with diabetes
- 31.1 percent lower for patients with CAD

2 We are not implying that dental care is the only factor responsible for the cost differences, but is one of the factors based on the research linking oral and total health.
Personalized benefits to qualifying members to improve their health such as specialized care, additional cleanings, and periodontal scaling.

Data integration to identify at-risk members with qualifying conditions.

Targeted outreach to members in disease management programs.

Member education on benefits to overall health resulting from improved care.
Data Management

**Claims Data**
- Government Claims
- Commercial Claims

**Clinical and ADT Data**
- Ambulatory EHR, pharmacy, medications, lab, radiology, skilled nursing, home health, long-term care, hospital ADT

**Health Information Exchange (HIE)**
- Conduit between sources of patient data and HIE

**Additional Data**
- Biometric Wellness

Enterprise Data Warehouse
- Aggregation & Normalization
  - Patient Matching
  - Patient Attribution
  - Risk Stratification

- Care Management
- Physician Engagement
- Integrated Analytics
- Patient Engagement
- HCC Coding Module
- GPRO Reporting
- Cohort Builder
- Quality Measure Optimization
Evolution of HMSA Connected Care

2015: HMSA launches first integrated platform for providers
2016: HMSA Connected Care integrate dental and medical care
2017: HMSA transitions providers to Coreo integrated platform
2018: LSV working with HMSA to complete requirements to implement dental in Coreo
Mid - 2019: Relaunch HMSA Connected Care on Coreo
Mahalo