Massive disruption is taking the healthcare space by storm. Rapidly evolving technologies are quietly and completely morphing the medical field as we know it. Robotics, artificial intelligence, and healthcare technologies are becoming significant change agents in the industry and investors should be taking notice.

HTEC provides unique, global exposure to best-in-class companies leading the healthcare technology revolution, across diagnostics, robotics, genomics, precision and regenerative medicine, lab automation, instruments, data analytics and telehealth.

Main Drivers for the Healthcare Technology Revolution:

- Healthcare's shift to a preventive approach
- Augmented physician capabilities and productivity
- Reduced healthcare costs

The ROBO Global® Healthcare Technology and Innovation Index was launched in April 2019 with the objective of providing investors with a comprehensive, transparent, and diversified benchmark that represents the global value chain of healthcare technology and innovation.

Performance Chart¹
The ROBO Global® Healthcare Technology and Innovation Index Performance - Rebased 100 = January 2009

¹The data shown is derived from the published index values. Prior to 30 April 2019, the data is based on simulated back-casted data.
Monthly Performance

<table>
<thead>
<tr>
<th></th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>0.74%</td>
<td>-4.22%</td>
<td>-7.80%</td>
<td>17.15%</td>
<td>8.37%</td>
<td>3.61%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17.03%</td>
</tr>
<tr>
<td>2019</td>
<td>12.72%</td>
<td>6.71%</td>
<td>1.19%</td>
<td>-2.11%</td>
<td>-4.09%</td>
<td>10.28%</td>
<td>1.40%</td>
<td>-3.60%</td>
<td>-3.10%</td>
<td>2.80%</td>
<td>9.44%</td>
<td>0.46%</td>
<td>34.92%</td>
</tr>
<tr>
<td>2018</td>
<td>8.48%</td>
<td>-2.14%</td>
<td>1.90%</td>
<td>2.96%</td>
<td>11.93%</td>
<td>4.71%</td>
<td>3.48%</td>
<td>11.19%</td>
<td>0.69%</td>
<td>-11.07%</td>
<td>2.77%</td>
<td>-9.39%</td>
<td>25.25%</td>
</tr>
<tr>
<td>2017</td>
<td>3.35%</td>
<td>5.56%</td>
<td>4.72%</td>
<td>4.83%</td>
<td>3.91%</td>
<td>5.15%</td>
<td>0.32%</td>
<td>4.90%</td>
<td>2.03%</td>
<td>-0.11%</td>
<td>0.71%</td>
<td>-1.44%</td>
<td>39.31%</td>
</tr>
<tr>
<td>2016</td>
<td>-11.86%</td>
<td>0.13%</td>
<td>8.13%</td>
<td>3.98%</td>
<td>3.57%</td>
<td>1.08%</td>
<td>9.04%</td>
<td>-0.36%</td>
<td>3.41%</td>
<td>-7.86%</td>
<td>3.17%</td>
<td>0.58%</td>
<td>11.58%</td>
</tr>
<tr>
<td>2015</td>
<td>-0.04%</td>
<td>4.64%</td>
<td>0.99%</td>
<td>-1.40%</td>
<td>3.65%</td>
<td>1.24%</td>
<td>3.26%</td>
<td>-5.16%</td>
<td>-5.99%</td>
<td>2.90%</td>
<td>7.34%</td>
<td>1.07%</td>
<td>12.34%</td>
</tr>
</tbody>
</table>

Key Statistics

<table>
<thead>
<tr>
<th></th>
<th>6 Mos.</th>
<th>1 Year</th>
<th>Since 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (eff.)</td>
<td>15.90%</td>
<td>27.91%</td>
<td>1051.97%</td>
</tr>
<tr>
<td>Performance (p.a.)</td>
<td></td>
<td></td>
<td>23.72%</td>
</tr>
<tr>
<td>Volatility</td>
<td>38.46%</td>
<td>29.68%</td>
<td>19.11%</td>
</tr>
<tr>
<td>Sharpe Ratio</td>
<td>0.85</td>
<td>1.15</td>
<td></td>
</tr>
</tbody>
</table>

Fundamentals

- P/E: 39.99
- P/E NTM: 213.78
- P/B: 5.98
- EV/Sales: 6.46
- P/Cash Flow: 31.24

Fundamentals are updated on a daily basis. The calculation is based on the median.

**Key Statistics**

- **Performance (eff.)**: 15.90% for 6 months, 27.91% for 1 year, and 1051.97% since 2008.
- **Performance (p.a.)**: 23.72%.
- **Volatility**: 38.46% for 6 months, 29.68% for 1 year, and 19.11% since 2008.
- **Sharpe Ratio**: 0.85 for 6 months, 1.15 for 1 year.

**Fundamentals**

- **P/E**: 39.99
- **P/E NTM**: 213.78
- **P/B**: 5.98
- **EV/Sales**: 6.46
- **P/Cash Flow**: 31.24

**Methodology**

The index methodology follows a modified factor weighting scheme and rebalances on a quarterly basis to more effectively respond to and capture changes in the technological and competitive landscapes while maintaining critical diversification. Including more than 80 stocks across 9 subsectors in 15 countries, the index is built to minimize risk by limiting reliance on the largest-cap players, and to capture the growth of rapidly developing healthcare technology companies around the globe.

**Index Facts**

- **Go Live Date**: 30th April 2019
- **Calculation Frequency**: Every 15 seconds 9am to 11.30pm GMT
- **Dividend Treatment**: Price and total return versions are available. The total return index is calculated with net dividends reinvested.
- **History Availability**: Daily back to 31 December 2008
- **Base Value / Base Date**: 1000 / 30 April 2019
- **Bloomberg / Reuters Ticker**: HTEC INDEX / HTEC

Each company in the ROBO Global® Industry Classification System is assigned a “HTEC Score” based on the company's level of revenues, market and technology leadership, and investments in the field of healthcare technology and innovation. These scores range from 1-100 with 100 representing significant levels of revenues and leadership. A company must have a minimum HTEC Score of 50 to be considered for inclusion in the index. Companies are weighted by dividing each individual company's HTEC Score by the sum of the total HTEC Scores among index constituents. To respond to new entrants and maintain the desired diversification, the index rebalances on a quarterly basis.

**Top 10 Holdings**

- **STAAR SURGICAL CO**: 1.76%
- **CELLECTIS SA**: 1.67%
- **INVITAE CORP**: 1.75%
- **INSULET CORP**: 1.67%
- **NATERA INC**: 1.69%
- **INCYTE CORP**: 1.59%
- **QUIDEL CORP**: 1.69%
- **PING AN HEALTHCARE AND TECHNOLOGY CO LTD**: 1.56%
- **NUANCE COMMUNICATIONS INC**: 1.68%
- **ABIOVED INC**: 1.51%

*Top 10 Holdings are updated on a daily basis.*
**COVERAGE TEAM**

The coverage team incorporates full-time financial and research professionals supported by industry entrepreneurs and academic leaders who specialize in global developments across the robotics, artificial intelligence, and healthcare technologies. The strategic advisory board, including more than 7 PhDs and some of the most highly respected technology visionaries, works closely with our management team to identify early key industry trends and associated companies.

**INDUSTRY CLASSIFICATION**

In the absence of a benchmark industry classification system specific to this emerging industry, in 2013 we created the ROBO Global® Industry Classification for the investment and research community. To date, we have identified 9 subsectors of suitable product and technology maturity to the Healthcare Technology and Innovation theme that carry high growth and earnings potential. On a regular basis, we screen our proprietary database of over 1,000 companies to identify those that are publicly traded, fit into these 9 sub-sectors, meet a minimum revenue threshold, are positioned as technology and growth leaders, and satisfy our ESG Policy.

- Medical Instruments 27%
- Precision Medicine 15%
- Diagnostics 15%
- Process Automation 13%
- Genomics 9%
- Data Analytics 7%
- Robotics 5%
- Telehealth 4%
- Regenerative Medicine 4%

**INDEX MEMBERS**

Index members are identified from the ROBO Global® Industry Classification in accordance with predetermined rules and objective criteria, including minimum market capitalization and average daily value traded.

**Geographic Breakdown**

- United States 78%
- Switzerland 5%
- United Kingdom 2%
- France 2%
- China 2%
- Others 12%

**Market Capitalization Breakdown**

- Large-Cap 51%
- Mid-Cap 28%
- Small-Cap 21%

*Charts are presented based on each company’s daily weightings in the index.*
GENERAL DISCLAIMER

Copyright © 2020 by ROBO Global, LLC. All rights reserved. ROBO Global® is a registered trademark of ROBO Global, LLC. ROBO Global, LLC is referred to as “ROBO.”

Redistribution, reproduction and/or photocopying in whole or in part are prohibited without written permission. This document does not constitute an offer of services in jurisdictions where ROBO does not have the necessary licenses. All information provided by ROBO is impersonal and not tailored to the needs of any person, entity or group of persons.

The ROBO Global® Healthcare Technology and Innovation Index and the ROBO Global® Healthcare Technology and Innovation Total Return Index (the “Indices”) are the property of ROBO who have contracted with Solactive AG to calculate and maintain the Indices. The Indices are not sponsored by Solactive AG or its affiliates. Neither Solactive AG, nor any of their affiliates will be liable for any errors or omissions in calculating the Indices. Closing prices for the Indices are calculated by Solactive AG based on the closing price of the individual constituents of the index as set by their primary exchange. Historical performance illustrations in the Indices are based on a backcast calculation. A backcast calculation can be materially different from a backtest analysis. Past performance of an index is not a guarantee of future results. The value of investments may go down as well as up and potential investors may not get back the amount originally invested. It is not possible to invest directly in an index. Exposure to an asset class represented by an index is available through investable instruments based on that index. ROBO makes no assurance that investment products based on the index will accurately track index performance or provide positive investment returns. A decision to invest in any such investment fund or other investment vehicle should not be made in reliance on any of the statements set forth in this document. ROBO is not in a position to give advice on the suitability of any investments for potential investors. Prospective investors are advised to make an investment in any such fund or other vehicle only after carefully considering the risks associated with investing in such funds, as detailed in an offering memorandum or similar document that is prepared by or on behalf of the issuer of the investment fund or other vehicle. Inclusion of a security within an index is not a recommendation by ROBO to buy, sell, or hold such security, nor is it considered to be investment advice.

It is not intended that anything stated in this factsheet should be construed as an offer or invitation to buy or sell any investment in any Investment Fund or other investment vehicle referred to in this website, or for potential investors to engage in any investment activity.

No Investment Fund or other investment vehicle based on the Indices is sponsored, promoted, sold or supported in any other manner by ROBO or Solactive AG (the “Index Parties”) nor do the Index Parties offer any express or implicit guarantee or assurance either with regard to the results of using the Indices and/or an Index trademark or an Index price at any time or in any other respect. The Index Parties use their best efforts to ensure that the Indices are calculated correctly. Irrespective of their obligations towards the Company, the Index Parties have no obligation to point out errors in the Indices to third parties including but not limited to investors in, and/or financial intermediaries of, any Investment Funds or other investment vehicles. Neither publication of the Indices by Solactive AG nor the licensing of the Indices or an Index trademark by ROBO for the purpose of use in connection with any Investment Fund or other investment vehicle based on the Indices constitutes a recommendation by the Index Parties to invest capital in any such fund or investment vehicle nor does it in any way represent an assurance or opinion of the Index Parties with regard to any investment in such fund or investment vehicle.

These materials have been prepared solely for informational purposes based upon information generally available to the public from sources believed to be reliable. No content contained in these materials (including index data, ratings, credit-related analyses and data, model, software or other application or output there from) or any part thereof of (Content) may be modified, reverse-engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of ROBO. The Content shall not be used for any unlawful or unauthorized purposes. ROBO and its third-party data providers and licensors (collectively “ROBO Parties”) do not guarantee the accuracy, completeness, timeliness or availability of the Content. ROBO Parties are not responsible for any errors or omissions, regardless of the cause, for the results obtained from the use of the Content. The content is provided on an “as is” basis.

ROBO Parties disclaim any and all express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use, freedom from bugs, software errors or defects, that the content's functioning will be uninterrupted or that the content will operate with any software or hardware configuration. In no event shall ROBO Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Content even if advised of the possibility of such damages. ROBO Parties and their respective employees, affiliates and partners hereby exclude, to the extent permitted by applicable law, all liability in connection with the use of this factsheet.