## Domestic Medical Proton Test Facility (MPTF) Status

Update Due to COVID-10 Restrictions for Single Event Effects (SEE) Testing

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Science Systems and Applications, Inc.

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NASA Goddard Space Flight Center

**Abstract:** This poster is part of the ongoing tracking of access to MPTFs. This update is a snapshot of status on June 2, 2020 with known impacts due to the ongoing pandemic.

<table>
<thead>
<tr>
<th>Selling Time</th>
<th>Organization</th>
<th>Location</th>
<th>POC(s)</th>
<th>Email(s)</th>
<th>Current status</th>
<th>Through</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>James M. Slater MD Proton Treatment &amp; Research Center</td>
<td>Loma Linda, CA</td>
<td>Andrew Wroe</td>
<td><a href="mailto:awroe@llu.edu">awroe@llu.edu</a></td>
<td>Closed</td>
<td>TBD</td>
<td>No response due to current COVID-19 closure</td>
</tr>
<tr>
<td>Yes</td>
<td>Northwestern Medicine Chicago Proton Center</td>
<td>Warrenville, IL</td>
<td>Steven Laub</td>
<td><a href="mailto:steven.laub@nm.org">steven.laub@nm.org</a></td>
<td>Preparing to open</td>
<td>6/8/2020</td>
<td>Restrictions (mask use, screening, etc.)</td>
</tr>
<tr>
<td>Yes</td>
<td>The MGH Francis H. Burr Proton Beam Therapy Center</td>
<td>Boston, MA</td>
<td>Ethan Cascii</td>
<td><a href="mailto:ecascii@partners.org">ecascii@partners.org</a></td>
<td>Closed</td>
<td>TBD</td>
<td>Awaiting response as MGH is slowly reopening. Possibly open to users in July? User schedules being updated, but may only be moved into CY21.</td>
</tr>
<tr>
<td>Yes</td>
<td>Tri-University Meson Facility (TRIUMF) Proton Irradiation Facility</td>
<td>Vancouver, CAN</td>
<td>Ewart Blackmore, Mike Trinczek</td>
<td><a href="mailto:ewb@triumf.ca">ewb@triumf.ca</a>, <a href="mailto:trinczek@triumf.ca">trinczek@triumf.ca</a></td>
<td>Preparing to open</td>
<td>6/1/2020</td>
<td>Planning to start passive irradiations in June, but no decision on opening to outside users. Waiting on U.S.-Canada travel decision.</td>
</tr>
<tr>
<td>Yes</td>
<td>Provision CARES Proton Therapy Center</td>
<td>Knoxville, TN</td>
<td>Khal Lai</td>
<td><a href="mailto:khal.lai@provisionproton.com">khal.lai@provisionproton.com</a></td>
<td>Closed</td>
<td>6/10/2020</td>
<td>Tentatively opening for customers starting in July 2020. Re-evaluate in mid-June.</td>
</tr>
<tr>
<td>Yes</td>
<td>Proton Therapy at University of Cincinnati Medical Center</td>
<td>Liberty Township, OH</td>
<td>Abram Gordon, Anthony Masicca</td>
<td><a href="mailto:Abram.Gordon@chcm.org">Abram.Gordon@chcm.org</a>, <a href="mailto:Anthony.Masicca@chcm.org">Anthony.Masicca@chcm.org</a></td>
<td>Preparing to open</td>
<td>6/1/2020</td>
<td>Planning to start passive irradiations in June, but no decision on opening to outside users. Waiting on U.S.-Canada travel decision.</td>
</tr>
<tr>
<td>Limited</td>
<td>Hampton University Proton Therapy Institute (HUPIT)</td>
<td>Hampton, VA</td>
<td>Vahagn Nazaryan</td>
<td><a href="mailto:vahagn.nazaryan@hamptonu.edu">vahagn.nazaryan@hamptonu.edu</a></td>
<td>Closed</td>
<td>2021</td>
<td>Restrictions (mask use, screening, etc.)</td>
</tr>
<tr>
<td>Limited</td>
<td>Mayo Clinic Proton Beam Facility - Rochester</td>
<td>Rochester, MN</td>
<td>Nicholas Remmes</td>
<td><a href="mailto:Remmes.Nicholas@mayo.edu">Remmes.Nicholas@mayo.edu</a></td>
<td>Open - Limited</td>
<td>6/8/2020</td>
<td>Restrictions (mask use, screening, etc.)</td>
</tr>
<tr>
<td>Limited</td>
<td>MD Anderson Proton Therapy Center</td>
<td>Houston, TX</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Closed</td>
<td>6/10/2020</td>
<td>No response</td>
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<tr>
<td>Limited</td>
<td>Mayo Clinic Proton Beam Facility - Phoenix</td>
<td>Phoenix, AZ</td>
<td>Daniel Robertson</td>
<td><a href="mailto:Robertson.Daniel@mayo.edu">Robertson.Daniel@mayo.edu</a></td>
<td>Preparing to open</td>
<td>6/8/2020</td>
<td>Restrictions (mask use, screening, etc.)</td>
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<tr>
<td>Future interest</td>
<td>Ohio State University</td>
<td>Columbus, OH</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>Maryland Proton Therapy Center</td>
<td>Baltimore, MD</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>Miami Cancer Institute Proton Therapy Center</td>
<td>Miami, FL</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>ProCure Proton Therapy Center in Oklahoma City</td>
<td>Oklahoma City, OK</td>
<td>Andrew Knizley</td>
<td><a href="mailto:andrew@PriorityHealthMgmt.com">andrew@PriorityHealthMgmt.com</a></td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>Seattle Cancer Care Alliance (SCCA) Proton Therapy Center</td>
<td>Seattle, WA</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>University of Florida Health Proton Therapy Institute</td>
<td>Jacksonville, FL</td>
<td>Stuart Klein</td>
<td><a href="mailto:sklein@floridaprotgon.org">sklein@floridaprotgon.org</a></td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>Texas Center for Proton Therapy</td>
<td>Irving, TX</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Not at this time</td>
<td>Roberts Proton Therapy Center</td>
<td>Philadelphia, PA</td>
<td>Lei Dong</td>
<td><a href="mailto:Lei.Dong@buphs.upenn.edu">Lei.Dong@buphs.upenn.edu</a></td>
<td>Preparing for patient treatments</td>
<td>Indefinite</td>
<td>No electronics testing currently due to biology research load</td>
</tr>
<tr>
<td>Unknown</td>
<td>California Protons Cancer Therapy Center</td>
<td>San Diego, CA</td>
<td>Andrew Chang</td>
<td><a href="mailto:andrew.changmd@gmail.com">andrew.changmd@gmail.com</a></td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Unknown</td>
<td>Emory Proton Therapy Center</td>
<td>Atlanta, GA</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Unknown</td>
<td>Georgetown Lombardi Comprehensive Cancer Center</td>
<td>Washington, DC</td>
<td>Unknown</td>
<td>Unknown</td>
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<tr>
<td>Unknown</td>
<td>Inova Schar Cancer Institute</td>
<td>Fairfax, VA</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
<td>Unknown</td>
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