MEMORANDUM OF UNDERSTANDING
Between
Pakistan Health and Research Council and The Health Foundation (THF)

THIS MEMORANDUM of UNDERSTANDING (MOU) is made between Pakistan Health and Research Council (PHRC) located at opposite Ward No 20 Pakistan Health Research Council (PHRC) near Emergency Jinnah Hospital Karachi. Pakistan and The Health Foundation (THF-Pakistan) located at Office No 2, 10th Floor, Jason Trade Centre, and Main Shahrah-e-Faisal Karachi. Hereinafter referred to as PHRC and THF respectively, for the period of Two years commencing on 01-July-2019. To be extended after mutual agreement.

About Pakistan Health and Research Center - Karachi

The PHRC Research Centre at Jinnah Postgraduate Medical Centre, Karachi was established in 1968. The Director Jinnah Postgraduate Medical Centre is the Honorary Director of the center.

The center has its own building while the land was donated by the host institution while the building was constructed by a philanthropist who supports the janitorial services to maintain the hygiene and also providing medicine for outdoor patients. The center is designated as the specialized center for gastroenterology and hepatology. It has an OPD which can accommodate about 60 patients, 3 rooms for doctors to examine the patients, two computer stations for recording/data entry of the cases, it has an out patient’s department where patients with these ailments are referred from all over the country for diagnosis and treatment. Laboratory facilities are also provided to the patients to facilitate the services under one roof. A comprehensive clinical and research data on all cases is maintained at this center.

About The Health Foundation (THF-Pakistan)

THF is a non-profit public service organization. It is a group of likeminded individuals who are concerned about the general health of the marginalized and poor community. This group consists of successful entrepreneurs, experienced physicians, and academia and media personnel. Each member brings social consciousness and a wealth of experience in their respective fields. By working together on a common platform they all contribute towards achieving the organization vision of "striving for a healthier Pakistan". Initial focus of THF is Hepatitis Prevention and Control in Pakistan specifically working on awareness, prevention and treatment of Hepatitis B and Hepatitis C.
About the present MOU:

This MOU is to continue the invaluable and result based relationship between PHRC and THF for mutual support for Control and Prevention of Hepatitis B & C in Karachi. It is to be a center based project with PHRC, Karachi as the key sentinel site catering to the poorest of the poor Hepatitis B & C patients being provided services through them.

ROLES AND RESPONSIBILITIES OF THE PARTIES

With mutual understanding by all entities, it has been agreed as follows that;

Pakistan Health and Research Council - Karachi

- THF supported Hepatitis Clinic to be held on every Monday and Wednesday. Consultation to be provided by PHRC Gastroenterology department free of cost
- THF adopted patients to be dealt as “Non Commercial Corporate Patients”
- PHRC will provide Diagnostic services (special rates attached) on credit basis and will bill to THF on monthly basis. If THF doesn’t settle bills of diagnostic services within a period of 30 days, PHRC can suspend the provision of Diagnostic services
- PHRC will provide patient record to THF.
- PHRC will Display THF IEC material at OPD

Health Foundation

- Provision of requisite IEC materials
- Provision of Hepatitis B & C medicine to the non-affording patients
- Data collection, analysis and dissemination to relevant partners.
- Providing requisite funds for all diagnostic services as per Hepatitis B & C treatment protocols (SOP approved by THF treatment committee)
- Provide one HR person to support PHRC OPD from Monday to Saturday 9:00 AM to 1:00 PM
- Overall coordination and supervision of the project

General Terms and Conditions:

- Both Parties can terminate the MOU by giving one-month notice to other party
- Both Parties will enter into an agreement on signing this MOU

SIGNATORIES

On behalf of PHRC

Name: Dr. Waqar-ud-din Ahmed
Designation: Deputy Director (HSR)
Signature: [Signature]
Date: 10/7/19

On behalf of The Health Foundation

Name: Dr. Laila Rizvi
Designation: Executive Director
Signature: [Signature]
Date: 01-07-2019
List of Lab Rates offered by PHRC to THF

<table>
<thead>
<tr>
<th>S.No</th>
<th>LAB Test</th>
<th>PHRC</th>
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<tbody>
<tr>
<td>1</td>
<td>Anti HCV</td>
<td>250</td>
</tr>
<tr>
<td>2</td>
<td>HCV RNA Qualitative</td>
<td>2000</td>
</tr>
<tr>
<td>3</td>
<td>CBC</td>
<td>200</td>
</tr>
<tr>
<td>4</td>
<td>LFT</td>
<td>300</td>
</tr>
<tr>
<td>5</td>
<td>Serum Albumin</td>
<td>100</td>
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<tr>
<td>6</td>
<td>HBA1C</td>
<td>500</td>
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<tr>
<td>7</td>
<td>Alpha FETO Protein AFP</td>
<td>500</td>
</tr>
<tr>
<td>8</td>
<td>TSH</td>
<td>350</td>
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<tr>
<td>9</td>
<td>Creatinine</td>
<td>100</td>
</tr>
<tr>
<td>10</td>
<td>Ultrasound (Abdomen)</td>
<td>Free (JPMC)</td>
</tr>
<tr>
<td>11</td>
<td>HBV DNA (PCR) Viral Load Quantitative</td>
<td>2500</td>
</tr>
<tr>
<td>12</td>
<td>HBeAg</td>
<td>400</td>
</tr>
<tr>
<td>13</td>
<td>Anti-Delta</td>
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<tr>
<td>14</td>
<td>Anti HBe</td>
<td>550</td>
</tr>
<tr>
<td>15</td>
<td>S.Ferritin (thelesemic)</td>
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