In the future, given the effectiveness of LA, this method could be translated into other fields of communication sciences, Technical University Berlin, 2003.

The Living Atlas (LA) is to improve patient care by reducing the biopsy to malignant rate (BMR) and gain knowledge more rapidly in the diagnosis and treatment of breast masses by using a real-time methodology on our digital medical information system.

We acquired an IRB (Project Number: STU 11: The Living Atlas) on January 1, 2011 and agreed to the Living Atlas to bring ideas through digital medical information and apply recommendations. This sequential analysis of a patient's care is crucial to the success of LA in bringing about improvement in outcomes.

Table 1. Results from 4DMAM:

<table>
<thead>
<tr>
<th>Entity</th>
<th>Number of Biopsies</th>
<th>Sistem</th>
<th>Upgrade to malignant in % (Number of all)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>250</td>
<td>34</td>
<td>15% (9/64)</td>
</tr>
<tr>
<td>FIB</td>
<td>70</td>
<td>4</td>
<td>15% (3/19)</td>
</tr>
<tr>
<td>ADH</td>
<td>27</td>
<td>3</td>
<td>15% (4/29)</td>
</tr>
<tr>
<td>LN</td>
<td>22</td>
<td>3</td>
<td>15% (4/29)</td>
</tr>
<tr>
<td>Pseudoh 62</td>
<td>2 (1/19)</td>
<td>15% (1/6)</td>
<td>15% (1/6)</td>
</tr>
</tbody>
</table>

The Living Atlas system is designed to build an interventional radiology and breast cancer database. To reduce the diagnostic and treatment time for breast cancer, we developed a database using a real-time method of entry into the Living Atlas (LA) system and a real-time feedback system. This database was uniquely developed for the LA system (see figure 1). Different from other databases, such as the ECR database, only a structured and accessible database was developed by the postgraduate, techniques used in the LA system. The system uses statistical analysis to compare the entry of data in the LA system with the output of the database. We can also compare the result with the output of the database. If a result is obtained from the database, an intuitive decision is made to evaluate the accuracy of the result. To ensure the data the server was implemented in the NMH datacenter. Comprehensive data protection using the new LA methodology. The database is intended to change the way of gaining knowledge in breast cancer treatment and medicine. After completion and implementation, LA will retain the potential to identify quality management and research goals in Northwestern. We are involved in the important clinical project directed at patient quality and safety of care as well as advancements of clinical knowledge.

References


