Key Points:

While the OptiNet assessment collects a wide range of data, there are a few key factors that drive the overall modality scores. In order for a site to receive a score of an A or a B, the following key factors need to be in place:

**Physician staffing: (25% of weighted modality score)**
There should be at least one Board-certified radiologist on-site at the facility. In addition to radiologists, other specialties are also recognized for specific modalities. In addition to board-certified specialties, certain modalities will also recognize interpretation volume, CME and training levels.

<table>
<thead>
<tr>
<th>Modality</th>
<th>Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT</td>
<td>Neurology, Neurosurgery</td>
</tr>
<tr>
<td>CCTA</td>
<td>Cardiology</td>
</tr>
<tr>
<td>MR</td>
<td>Neurology, Neurosurgery and Orthopedics</td>
</tr>
<tr>
<td>Nuc</td>
<td>Cardiology, Nuclear Medicine</td>
</tr>
<tr>
<td>PET</td>
<td>Hematology and Oncology</td>
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<tr>
<td>X-Ray and Ultrasound</td>
<td>Volume of interpreted images per year</td>
</tr>
<tr>
<td>X-Ray, Ultrasound and Echo</td>
<td>Interpreting Physician’s CME total relative to each specific modality</td>
</tr>
<tr>
<td>Echo</td>
<td>Interpreting physician’s training level</td>
</tr>
</tbody>
</table>

**Technologist staffing: (25% of weighted modality score)**
There should be at least one technologist with modality-specific certification. Technologists with basic radiology certification (ARRT(R) certification) earn zero points with the exception of the x-ray modality.

**Machine accreditation: (10% of weighted modality score)**
Machines should be certified by ACR, IAC or one of the other recognized accrediting bodies.

**Machine quality: (15% of weighted modality score)**
Machine quality does contribute to the overall score. The following attributes are key factors for equipment quality:

- **Age of Machine**
  - Machines more than 10 years old earn zero points
  - If an MR machine has undergone a major software upgrade the system will calculate the age based on the upgrade year, not manufacture date.

- **CT**
  - Non-helical machines do not score high
  - 16-slice and higher machines get the highest score; below 4-slice the lowest

- **CCTA**
  - 64-slice and higher or EBCT machines get the highest score; below 64-slice the lowest

- **MR**
  - Magnet strength of 1.5T or greater gets the highest score; below 1.0T the lowest
  - Dedicated coils are important

- **PET**
  - Full ring machines score highly while partial ring machines do not

- **X-Ray**
  - Digital machines receive the highest score while single-phase machines receive no credit

- **Ultrasound**
  - Transducer frequency ranges between 3.5 -10.0 will receive the highest scores

- **Echocardiography**
  - Transducer frequency ranges between 2.0 -7.5 will receive the highest scores
  - Interpreting volume, CME and training levels.