Characterizing the Global Need for Plastic Surgery Service

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• How is the need for various plastic surgery domains distributed geographically?

• What countries are most in need of plastic surgery service?

• Which service modalities are most helpful?

• Are surgical personnel available in low-resource communities?
• 16-item survey

• 4550 ISAPS plastic surgeons

• 922 responses (20.3%)

• 96 countries
*countries with fewer than 3 responses excluded
Operating together with local surgeons (n=455)
Providing local educational opportunities for local surgeons (n=452)
Maximizing the number of operations performed (n=432)
Donating surgical supplies or equipment (n=444)

Service Modality Value

<table>
<thead>
<tr>
<th>Service Modality</th>
<th>Most Help</th>
<th>Some Help</th>
<th>No Help</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating together with local surgeons</td>
<td>58.9%</td>
<td>36.0%</td>
<td>5.1%</td>
</tr>
<tr>
<td>Providing local educational opportunities for local surgeons</td>
<td>53.3%</td>
<td>38.3%</td>
<td>8.4%</td>
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<tr>
<td>Maximizing the number of operations performed</td>
<td>42.1%</td>
<td>48.6%</td>
<td>9.4%</td>
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<tr>
<td>Donating surgical supplies or equipment</td>
<td>41.7%</td>
<td>42.8%</td>
<td>15.5%</td>
</tr>
</tbody>
</table>

Legend:
- Green: Most Help
- Yellow: Some Help
- Orange: No Help
Conclusions

• Significant need for plastic surgeons in Southeast Asia and Central America

• Neighboring countries often have different needs, reflecting both cultural and environmental differences

• Partnering with local surgeons may foster the greatest sustainable impact
Thank you!