Transplant of smoker's lungs

Patient death (lung cancer)

Basic Level Cause Map

- Start with simple Why questions.

Impact to the Goals

<table>
<thead>
<tr>
<th>Patient Safety</th>
<th>Employee Impact</th>
<th>Compliance</th>
<th>Organization</th>
<th>Patient Services</th>
<th>Property, Equip, Mtls</th>
<th>Labor, Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient death</td>
<td>?</td>
<td>?</td>
<td>?</td>
<td>Patient given &quot;higher risk&quot; organs</td>
<td>Shortage of donated organs</td>
<td>?</td>
</tr>
</tbody>
</table>

Analysis

Basic Cause-and-Effect

A patient who had been on the transplant list finally received a new set of lungs after 18 months. The lungs she received belonged to a frequent smoker, a fact that was required to be disclosed and was not. Less than a year after the transplant, the patient was diagnosed with lung cancer.

More Detailed Cause Map - Add detail as information becomes available.

Solutions

1. Disclose medical history of donors prior to acceptance of organs
2. Increased outreach for organ donation
3. Advanced Medical Directives

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