### DISEASE ASPECTS

**Clostridium difficile**
- **Clostridium difficile colitis**, **pseudomembranous colitis**

**C.diff**

### MEDICAL SYSTEM "PRESSURES"

- **65%** of patients over age of 80 die within one month of diagnosis³
- **9%** of patients are not cured by treatment and will have a re-occurrence

### TESTING OPTIONS

**Laboratory Testing**
- **VAE**: Directly with NAAT
- **Other Causes of loose stool** (e.g. laxatives Rx) are discounted

**Doctors normally want results ASAP**

**Doctors normally prefer to "play it safe"**

### INFECTIOIN CONTROL

**WASH HANDS & CLEAN WITH BLEACH** to avoid spreading C. diff infection

### TESTING OPTIONS WITH AN ALGORITHM

<table>
<thead>
<tr>
<th>In-Hospital CDI</th>
<th>Recurrent CDI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg. Length of Stay</td>
<td>11%</td>
</tr>
<tr>
<td>Attritable Cost US Acute Care Cost</td>
<td>$5.9 Billion</td>
</tr>
<tr>
<td>Responsible for</td>
<td>500,000</td>
</tr>
</tbody>
</table>

### Why cobas C. diff?

- **Good Sensitivity** + **Specificity**
- **Right Answer = Right Treatment**

### Workflow Efficiency
- **Ease of Use** + **Confidence in Results**
- **Test Once**

### Laboratory Testing

- **Directly with NAAT**

### Why cobas C. diff?

- **Medical Values**
  - Good Sensitivity + Specificity = Right Answer = Right Treatment
- **Workflow Efficiency**
  - Ease of Use + Confidence in Results = Test Once

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³ Source: CDC, 2015.