Telephone Survey of Antibiotic Stewardship Programs in Long-term Care Facilities (LTCFs) in Maryland

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WHAT WE LEARNED: most LTCFs have infection control protocols, track, and isolate infections, but a majority do NOT have antibiotic approval process or training on antibiotics prescribing.

INTRODUCTION

There are rigorous infection surveillance and control programs at acute care facilities but research in long-term care facilities’ (LTCFs) are lacking.

OBJECTIVES

To investigate the specifics of infection control and antibiotic stewardship programs in long-term care facilities in Maryland.

METHODS

Contacted each facilities’ designated infection control personnel via telephone to administer survey questions.

DATA

- 231 LTCFs in Maryland
- reached 97 LTCFs (41%)
- 88 (38%) facilities included in preliminary analysis
- 11,793 beds
- 207 infection control personnel

Infection Control Practices

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Do Not Know</th>
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</thead>
<tbody>
<tr>
<td>Urinary Catheter Protocol</td>
<td>88 (100%)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Impregnated Urinary Catheter</td>
<td>8 (9.5%)</td>
<td>76 (90.5%)</td>
<td>4</td>
</tr>
<tr>
<td>Track UTIs</td>
<td>84 (95.5%)</td>
<td>4 (4.5%)</td>
<td>0</td>
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<tr>
<td>Report Infections</td>
<td>20 to CDC (22.7%)</td>
<td>68 (77%) to health dept</td>
<td>0</td>
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Antibiotics Stewardship Programs

- Most LTCFs track infections on an organizational level but only report epidemics.
- Antibiotic guide could mean as little as providing sensitivities of organisms.
- Very few LTCFs have antibiotic approval and prescribing training.

CONSULTATION

Isolate patients with C. diff/MRSA/VRE
- isolate
- cohort
- do not isolate

Central Line Protocol Presence in LTCFs
- Central line protocol
- no protocol
- do not accept CLs

RESULTS