Hospitalization and Alzheimer’s

Splaine Consulting
ADI 2014
San Juan Puerto Rico
Disclosures
Michael Splaine/Splaine Consulting

Consulting Agreements as of 4/15/2014

- Alzheimer’s Disease International
- Eli Lilly
- Bayer A.G. (non-U.S.)
- Alzheimer’s Association (US) Healthy Brain Initiative
- NCALL, Consumer Voice, Elder Justice Action
- Owner, Cognitive Solutions LLC
Conflict of Interest

- None of the views represented here are those of my clients nor have they had any control or input into this presentation.
Objectives

- Identify actionable intelligence about AD and hospitalization
- Strong focus on key steps in the hospital processes that could improve outcomes
- Examples of actions from national Alzheimer plans
- Q and A
People with ADRD don’t just have ADRD

75% have at least one additional chronic disease

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Percentages of Medicare Beneficiaries Aged 65 and Older with Alzheimer’s Disease and Other Dementias by Specified Coexisting Medical Conditions, 2004 Medicare Current Beneficiary Survey

<table>
<thead>
<tr>
<th>Coexisting Condition</th>
<th>Percentage with Alzheimer’s or Other Dementia and the Coexisting Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypertension</td>
<td>60%</td>
</tr>
<tr>
<td>Coronary heart disease</td>
<td>26%</td>
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<tr>
<td>Stroke—late effects</td>
<td>25%</td>
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<tr>
<td>Diabetes</td>
<td>23%</td>
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<tr>
<td>Osteoporosis</td>
<td>18%</td>
</tr>
<tr>
<td>Congestive heart failure</td>
<td>16%</td>
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<tr>
<td>Chronic obstructive pulmonary disease</td>
<td>15%</td>
</tr>
<tr>
<td>Cancer</td>
<td>13%</td>
</tr>
<tr>
<td>Parkinson’s disease</td>
<td>8%</td>
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</tbody>
</table>

Created from data from Alzheimer’s Association, Characteristics, Costs and Health Service Use for Medicare Beneficiaries with a Dementia Diagnosis: Report 1: Medicare Current Beneficiary Survey, 2009. (78)

Source: Alzheimer’s Association 2010 Alzheimer's Disease Facts and Figures.
Health system consequences

Alzheimer's Association Facts and Figures, 2011

Alzheimer's Association Facts and Figures, 2011 2
What are these costs?

- Re-hospitalization
- “preventable” hospitalization
- Prescription costs and added psychoactive drugs
- Poorly coordinated care
- Likely some end of life care
Undiagnosed Cases—The Norm

- Less than half of AD patients are *formally* diagnosed in developed countries
- Studies have shown that less than 50% of patients who met standard diagnostic criteria for dementia had a diagnosis of dementia in their medical record
Hospitalization and dementia: pressure points

• Admission
• During the stay
• Discharge
Admission

Medical Historian impaired
Confusion and acting out
Inability to express basic needs
Confusion
During the stay

- Negotiating treatment
- Added anti-cholinergic “treatments”
- Nutrition and hydration
- Accommodation for family carers
Discharge

- Family capacity for follow on care
- Handoff to General Practitioner? Family?
- Community resources
Initiatives from Alzheimer plans

- Environment change
- Dementia leaders
- Assessment in Emergency department
- Staff training
- Mental health consultation teams
- Partnerships with community agencies
- Training for all staff
Contact information

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