Recent Temporal Trends in the Presentation, Management and Outcome of Women Hospitalized with Acute Coronary Syndromes
Real World Data from the Acute Coronary Syndrome Israeli Survey (ACSIS)

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Disclosures

• None
# Baseline characteristics

<table>
<thead>
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<tbody>
<tr>
<td>Age (±SD)</td>
<td>70 (±12)</td>
<td>70 (±13)</td>
<td>0.99</td>
</tr>
<tr>
<td>Hypertension</td>
<td>69%</td>
<td>76%</td>
<td>&lt;0.001</td>
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<tr>
<td>Dyslipidemia</td>
<td>56%</td>
<td>75%</td>
<td>&lt;0.001</td>
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<tr>
<td>Chronic Renal failure</td>
<td>7%</td>
<td>14%</td>
<td>&lt;0.001</td>
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<tr>
<td>Past PCI</td>
<td>16%</td>
<td>24%</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Obesity (BMI&gt;25)</td>
<td>27%</td>
<td>33%</td>
<td>0.002</td>
</tr>
<tr>
<td>Aspirin</td>
<td>46%</td>
<td>54%</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Beta blockers</td>
<td>40%</td>
<td>47%</td>
<td>0.001</td>
</tr>
<tr>
<td>Lipid lowering agents</td>
<td>26%</td>
<td>58%</td>
<td>&lt;0.001</td>
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</tbody>
</table>
Time intervals

Year | Symptome onset to ER | ER to Primary PCI
--- | --- | ---
2010 | 110 | 100
2008 | 110 | 100
2006 | 110 | 100
2004 | 110 | 100
2002 | 110 | 100
2000 | 110 | 100

P = 0.96
P = 0.85
Main outcomes

30 day MACE

1 year Mortality

Log rank <0.01
Conclusion

• Recent trends over the past decade in ACS women show:
  – Higher rates of co-morbidities
  – No significant improvement in time lags - suggest a persistent gap in ACS awareness in women
  – More intensive therapies
  – Improved outcomes - possibly due changes in management strategies