CORONARY STENTS IN A REGIONAL HOSPITAL: EVOLUTION AND ANALYSIS FROM 2011 TO 2015

C. DAVOINE¹, A. GUIBERT¹, X. MARCHAND², A. DURAND¹
¹Centre Hospitalier Intercommunal de Poissy St Germain, Pharmacie, Poissy, France
²Centre Hospitalier Intercommunal de Poissy St Germain, Cardiologie, Poissy, France.

Objectives
One treatment of thromboembolic disease is transluminal angioplasty with stenting. There are currently two types of stents: bare-metal stent (BMS) and drug-eluting stent (DES).
⇒ Our objective is to analyse globally the evolution between 2011 and 2015 of number, kind and indications of implanted stents in the Centre Hospitalier Intercommunal of Poissy St-Germain (CHIPS).

Methods

Data from 2011 to 2015
Number of stents implanted
Annual cost
Number of patients

Results - Discussion

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of stents including DES</th>
<th>Number of patients</th>
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<tbody>
<tr>
<td>2011</td>
<td>635, including 38% DES</td>
<td>461</td>
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<tr>
<td>2015</td>
<td>864, including 76% DES</td>
<td>604</td>
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Analysis of indications has shown:
- Diabetic patients
- Intrastent restenosis
- Short stenosis

Evolution of the cost at CHIPS

Stents comparison: CHIPS vs national data (Fr)

Conclusions
In France and in our hospital:
- increase in the stenting number, in particular DES
- extension of the use of DES, leading to increased costs
- awareness on the respect for recommendations and indications by prescribers

IN THE FUTURE ⇒ new stents with bioabsorbable polymer and fully dissolving stents

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claire.davoine@hotmail.fr

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