The BADFORM Technique

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Disclosure

Speaker name: Nobuhito Kaneko

I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

I do not have any potential conflict of interest
Japanese Patients’ Characteristics

- Diabetes: 10,000,000 Pts.
- Hemodialysis: 325,000 Pts.

<table>
<thead>
<tr>
<th>Risk factors</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypertension</td>
<td>248 (79)</td>
</tr>
<tr>
<td>Diabetes mellitus</td>
<td>223 (71)</td>
</tr>
<tr>
<td>HbA1c</td>
<td>6.2 ± 1.2 (291)</td>
</tr>
<tr>
<td>Dyslipidemia</td>
<td>127 (41)</td>
</tr>
<tr>
<td>On statin treatment</td>
<td>81 (26)</td>
</tr>
<tr>
<td>History of smoking, past/current</td>
<td>123 (39)/37 (12)</td>
</tr>
<tr>
<td>Renal failure (serum creatinine &gt;1.5 mg/dl)</td>
<td>189 (61)</td>
</tr>
<tr>
<td>Hemodialysis</td>
<td>163 (52)</td>
</tr>
</tbody>
</table>

OLIVE Registry
Severely Calcified Artery

Problem

✓ Crossing the lesion
  - Hard GW/ Tapered GW
  - Bidirectional approach (DP or TCA)

✓ Delivering the next device
  - Low-profile device
  - Support catheter (GuideLiner/ GuideZilla etc.)

Sometimes not Enough
Q: Why do we have the Difficulty in Delivering the Device?

A: Force Transmission

Soft & Flexible Shaft
The BADFORM Technique

BALloon Deployment using FORcible Manner
Devices for BADFORM

• OTW Balloon Catheter
• Micro catheter
• Penetration catheter
CASE

80’s Female
Hemodialysis for >20y
R5 Toe Ulcer
Sleek 2.0*40mm
JADE 1.5*40mm
CROSSER
BADFORM Technique

OTW Coyote
1.5*20mm
The Downside

• Damage the Artery
• Damage the Device
Summary

Japanese Docs have to Struggle with Severely Calcified Lesion.

The BADFORM Technique is very Useful Technique when we treat severely Calcified Lesion.

This Technique is sometimes so Dangerous that we have to well Consider about the Indication.
Thank you for your attention

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