## 10069

Comparison of Angioscopic Findings between Biolimus-Eluting Stents and Sirolimus-Eluting Stents

**Purpose:** We compared angioscopic findings between biolimus-eluting stents (BES) and sirolimus-eluting stents (SES).

**Methods:** This study consisted of 16 patients with BES and 41 patients with SES. Angioscopic examination was performed 7.9 months after stent implantation.

**Results:** There was no significant difference in minimum and dominant grade of neointimal coverage between BES and SES. There was a tendency toward lower maximum grade in BES than SES  $(1.5\pm0.9 \text{ vs } 1.9\pm0.8, \text{ p=0.08})$ . Heterogeneity index was significantly lower in BES than SES  $(1.0\pm1.0 \text{ vs } 1.6\pm0.7, \text{ p=0.01})$ . Plaque color grade were significantly lower in BES than SES  $(1.3\pm0.7 \text{ vs } 2.0\pm0.8, \text{ p=0.01})$ . There was no significant difference in the incidence of thrombus formation between BES and SES (1.9% vs 29%, p=0.52).

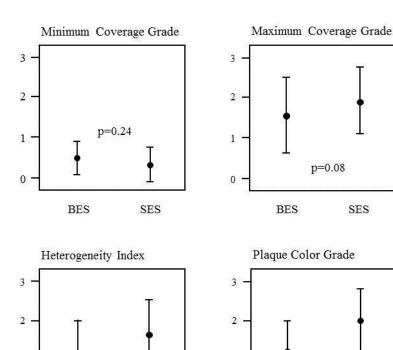
**Conclusions:** These findings suggested that BES was associated with more homogenious coverage and less yellowish plaque color.

1

p = 0.01

SES

BES



1

p = 0.01

SES

BES