Endeavor® Sprint

ZOTAROLIMUS-ELUTING CORONARY STENT SYSTEM

ENDEAVOR III and ENDEAVOR Pooled Analysis at 5 Years – ACC 2010

Healing First, Results That Last

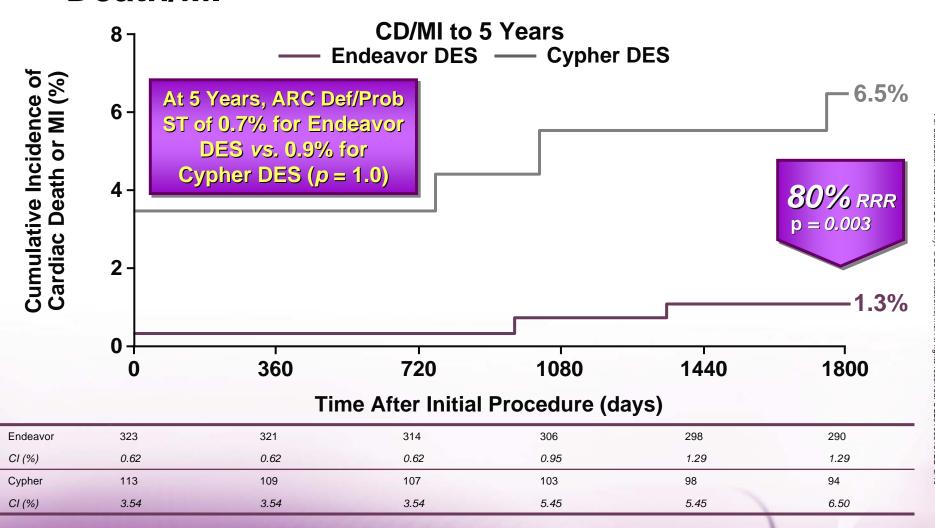
ENDEAVOR III – Significant Differences At 5 Years

- Significant differences in safety and composite endpoints:
 - 80% relative risk reduction in CD/MI (Endeavor DES 1.3% vs. Cypher DES 6.5%, $p = 0.003^{\circ}$)
 - 37% relative risk reduction in MACE (Endeavor DES 14.0% vs. Cypher DES 22.2%, $p = 0.0495^2$)
- Confirmation of late TLR catch up with Cypher DES
 - 86% increase in TLR with Cypher DES vs. 21% increase with Endeavor DES from years 1–5 drives similar TLR rate at 5 years (Endeavor DES 8.0% vs. Cypher DES 6.5%, p = 0.547¹)
- Primary endpoint: In-segment late lumen loss by QCA at 8 months, 0.36 for Endeavor vs. 0.13 for Cypher (p<0.001)

¹ p-Value was calculated by logrank test. p-Values are unadjusted for multiple comparisons.

² p-Value was calculated by Fisher Exact test.

80% Significant Risk Reduction in Cardiac Death/MI

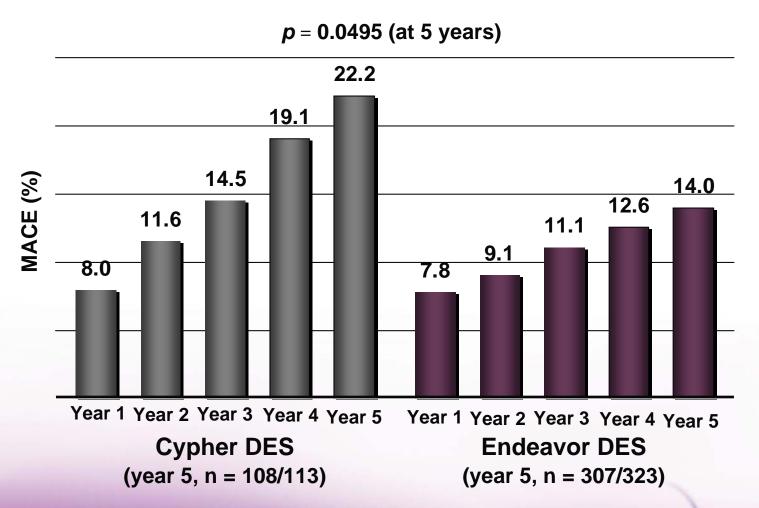


p-Values are unadjusted for multiple comparisons. *p*-Values were calculated by logrank test. ENDEAVOR III was not specifically designed or powered to individually compare CD/MI or ST. RRR = relative risk reduction.

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ENDEAVOR III primary endpoint: In-segment late lumen loss by QCA at 8 months. 0.36 for Endeavor vs 0.13 for Cypher (p<0.001).

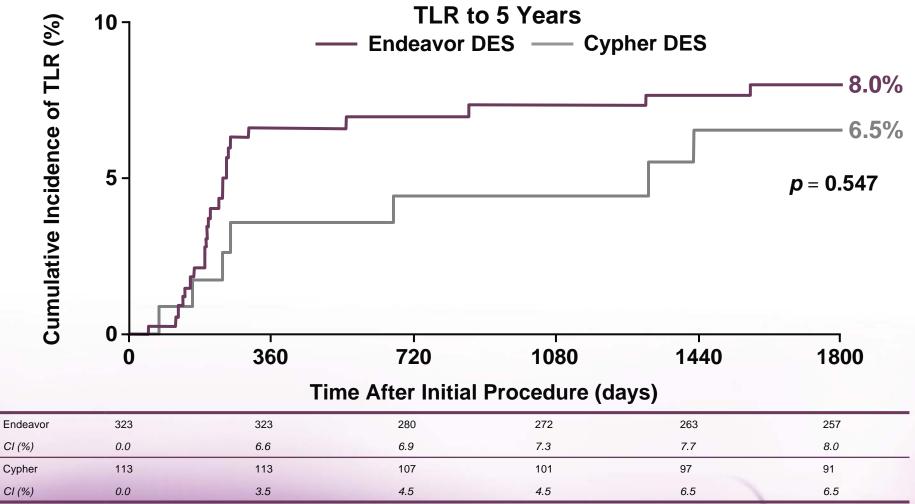
37% Significant Risk Reduction in MACE



p-Value was calculated by Fisher Exact test. *p*-Values for outcome differences are unadjusted for multiple comparisons. ENDEAVOR III was not specifically designed or powered to individually compare MACE. MACE is composed of Death, MI, Emergent CABG, TLR.

ENDEAVOR III primary endpoint: In-segment late lumen loss by QCA at 8 months. 0.36 for Endeavor vs 0.13 for Cypher (p<0.001).

Endeavor DES Displayed Low And Sustained TLR Rates



p-Values are unadjusted for multiple comparisons.

p-Values were calculated by logrank test.

ENDEAVOR III was not specifically designed or powered to individually compare TLR.

ENDEAVOR III primary endpoint: In-segment late lumen loss by QCA at 8 months. 0.36 for Endeavor vs 0.13 for Cypher (p<0.001)

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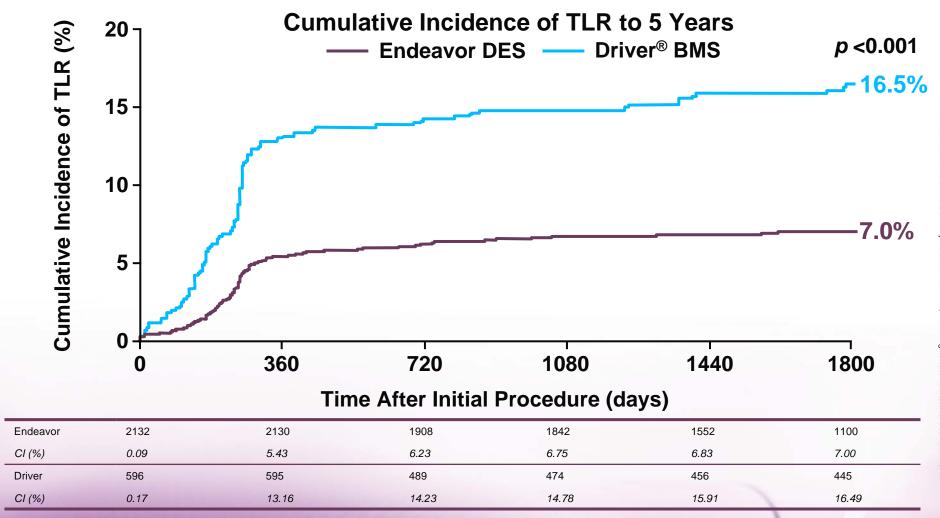
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ENDEAVOR III Consistent With ENDEAVOR Pooled Analysis

ENDEAVOR III: Results Consistent with The Pooled Analysis

- Endeavor has robust, long-term clinical proof:
 - More than 2100 patients studied with over 1100 patients now out to 5 years in pooled analysis
- Low 7% TLR at 5 years in more than 1100 patients in ENDEAVOR Pooled Analysis
- Despite only 39% of patients on DAPT at 1 year in ENDEAVOR Pooled Analysis:¹
 - Observed reduction in ST² to 5 years: Endeavor 0.8% vs. BMS 1.7%, p = 0.051)
 - Extremely low 0.2% VLST² for Endeavor DES after 1 year through 5 years
 - Significant reduction in CD/MI vs. BMS at 5 years (Endeavor 5.2% vs. BMS 8.4%, p = 0.003)

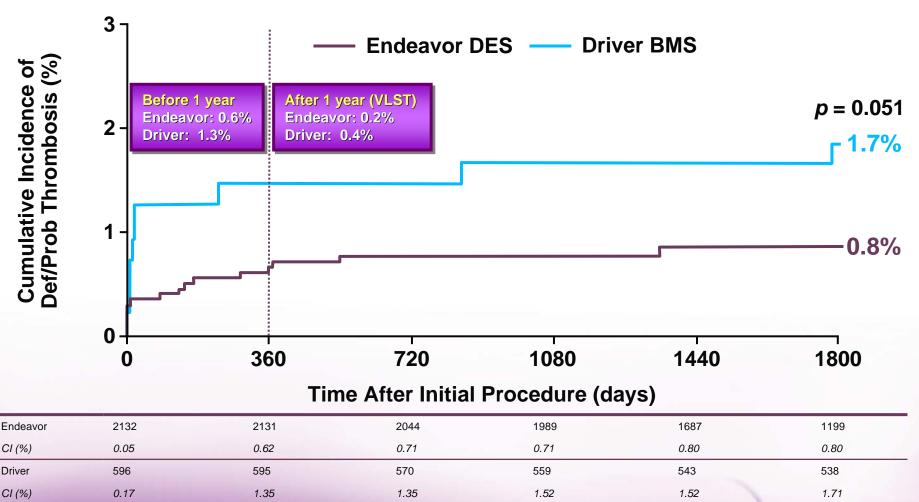
Endeavor DES Demonstrated a Significant TLR Reduction in Pooled Analysis



p-Values are unadjusted for multiple comparisons.
 p-Values were calculated by logrank test.
 ENDEAVOR Pooled Analysis: E I 5-year, E II 5-year, E II CA 5-year, E III 5-year, E IV 3-year, E pK 3-year.

Observed Reduction in ST vs. BMS at 5 Years in Pooled Analysis

0.2% ARC definite/probable VLST in more than 1100 patients to 5 years



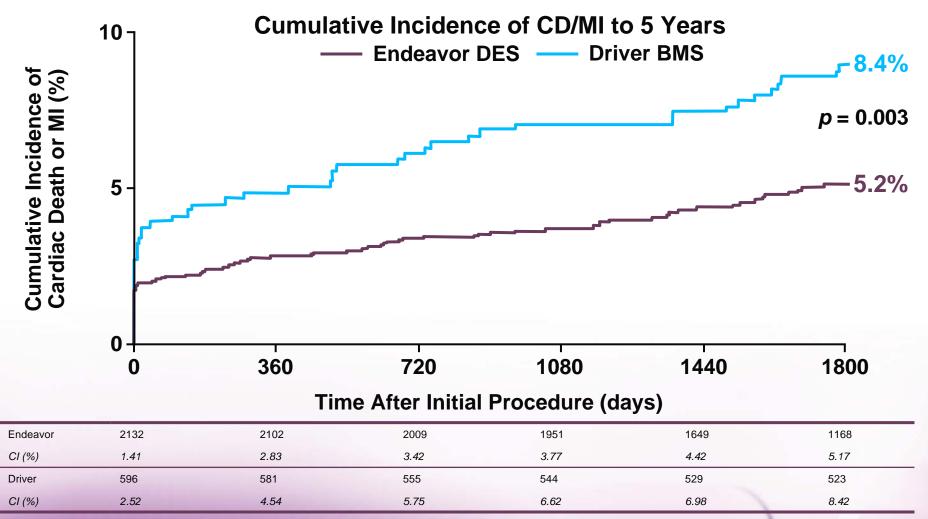
ENDEAVOR Pooled Analysis: E I 5-year, E II 5-year, E II 5-year, E II 5-year, E IV 3-year, E pK 3-year. By intention to treat (ITT), an Endeavor patient in E III had an ST at 1349 days. Per ARC definition, this uncensored event is included in the primary ITT analysis, although the event may not have been related to the Endeavor stent.

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p-Values are unadjusted for multiple comparisons. *p*-Values were calculated by logrank test.

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Significant Reduction in CD/MI vs. BMS at 5 Years in Pooled Analysis



p-Values are unadjusted for multiple comparisons. *p*-Values were calculated by logrank test.

ENDEAVOR Pooled Analysis: E I 5-year, E II 5-year, E II CA 5-year, E III 5-year, E IV 3-year, E pK 3-year.



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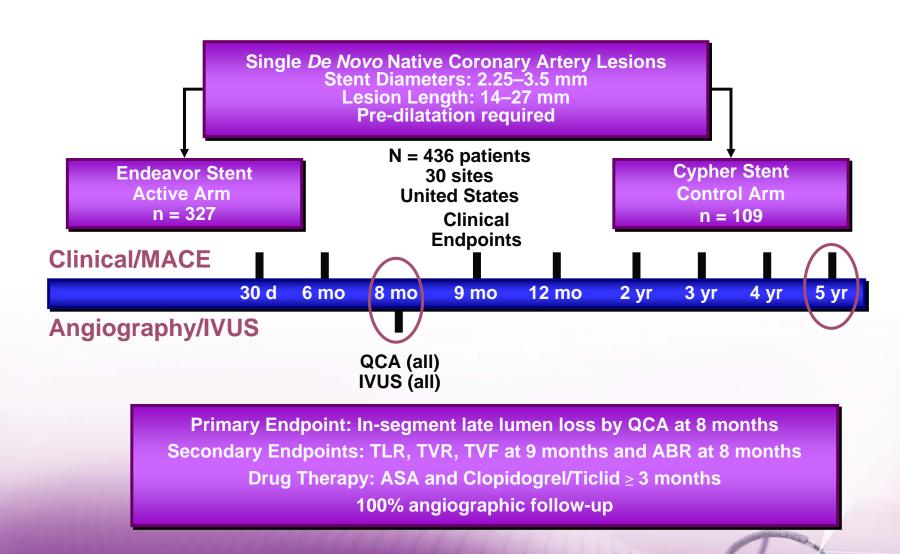
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Appendix

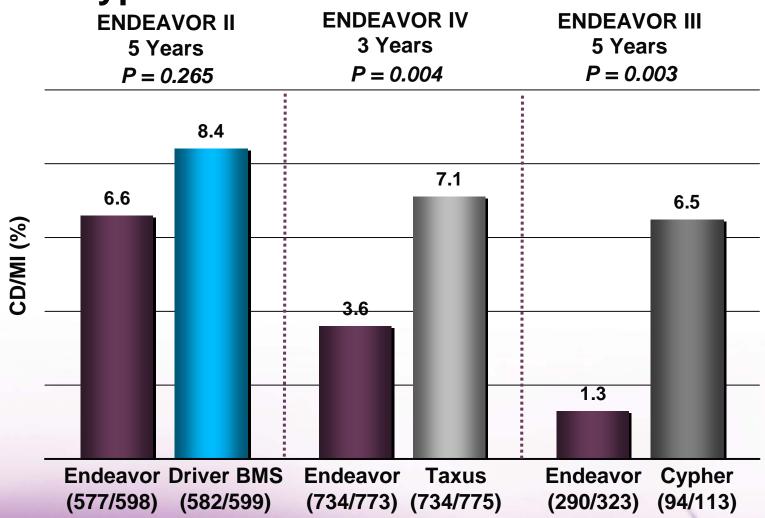


ENDEAVOR III

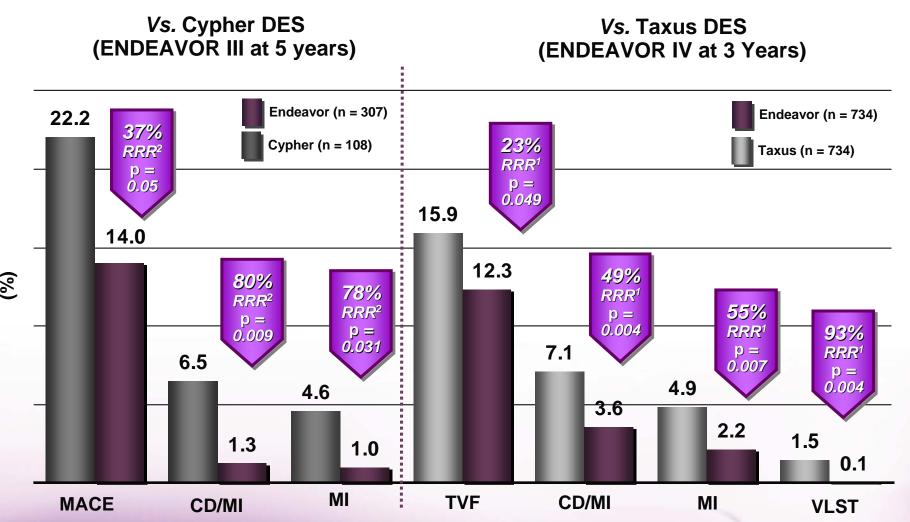
Randomized, controlled trial design; Pl Dr. M. Leon



Significant Reductions in CD/MI vs. Taxus® and Cypher DES



Endeavor DES Showed Statistically Significant Reductions in Event Rates *vs.* Cypher <u>AND</u> Taxus DES



p-Values for outcome differences are unadjusted for multiple comparisons.

¹p-Values were calculated by logrank test.

²*p*-Values were calculated by Fisher's exact test.

ENDEAVOR III was not specifically designed or powered to individually compare MACE, CD/MI or MI.

ENDEAVOR IV was not specifically designed or powered to individually compare TLR, MI, CD/MI or VLST.

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