

FIRST@CIRSE 2019

Zilver[®] PTX[®] Drug-Eluting Peripheral Stent

Michael D. Dake, MD
University of Arizona Health Sciences
Tucson, AZ

Overview

▶ Actual Treatment

Analysis of mortality must consider known treatment with paclitaxel devices

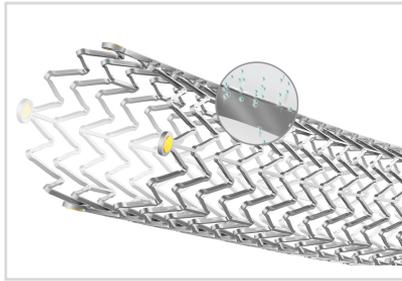
▶ Current Status

Cook will continue working collaboratively with regulatory authorities, clinicians, and our industry partners to provide the data needed to make informed decisions for patient treatment

▶ Patient Impact

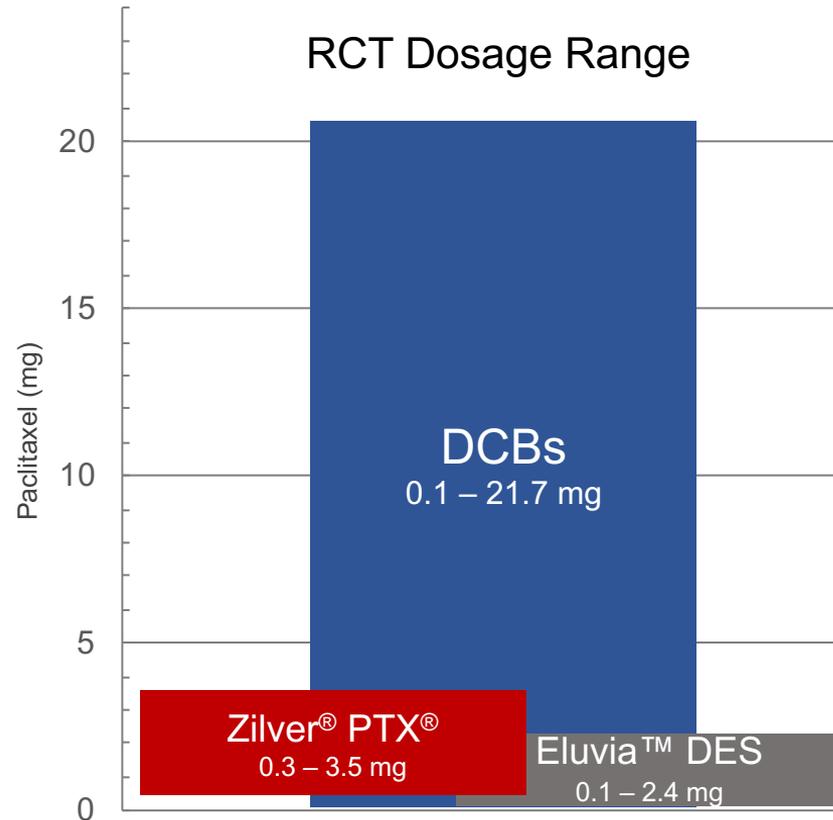
There is no mortality signal with Zilver PTX and the current situation is limiting patient access to the proven benefits of paclitaxel devices

Zilver PTX Stent Overview

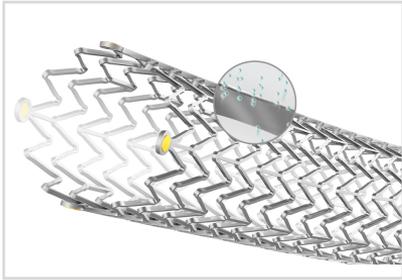


► Coating

Low dose, amorphous coating with no polymer or excipient

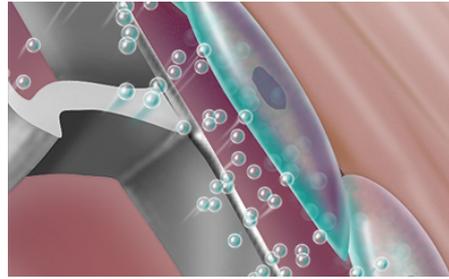


Zilver PTX Stent Overview



Coating

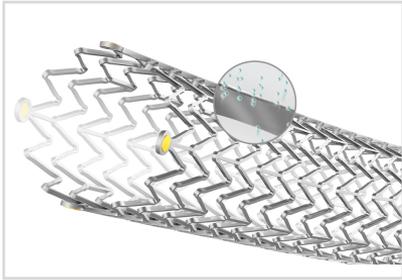
Low dose, amorphous coating with no polymer or excipient



▶ Local Drug Delivery

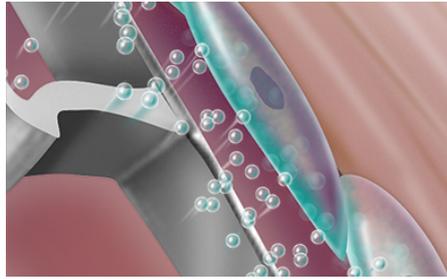
Short-term drug delivery, no long-term paclitaxel exposure, only BMS remains

Zilver PTX Stent Overview



Coating

Low dose, amorphous coating with no polymer or excipient



Local Drug Delivery

Short-term drug delivery, no long-term paclitaxel exposure, only BMS remains



▶ Long-term data

Only peripheral DES with long-term safety data

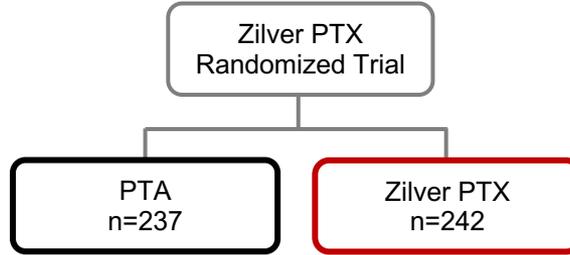
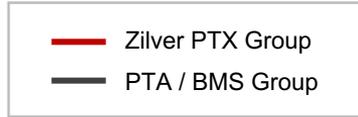
Zilver PTX Clinical Program

Study	Device	Follow-up	# of Patients
RCT	Zilver PTX	5 years	336
	PTA/BMS		143
Japan PMS	Zilver PTX	5 years	904
	BMS	3 years	190
EU BMS	BMS	5 years	110
US PAS	Zilver PTX	5 years ¹	200
Single-arm Study	Zilver PTX	2 years	787
French Reimbursement	Zilver PTX	2 years	119
China	Zilver PTX	1 year	178
REAL PTX	Zilver PTX	3 years	75
	DCB ²		75

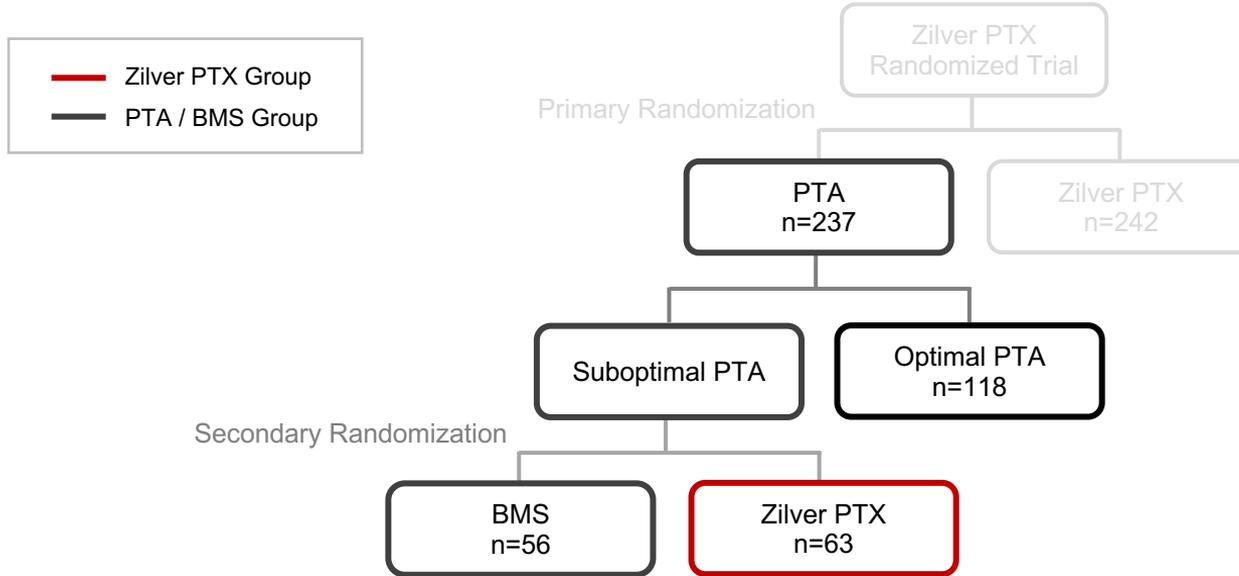
- ▶ Large studies
- ▶ Long-term follow-up
- ▶ Concurrent comparator groups

¹ Ongoing ² 77.3% INPact, 21.3% Lutonix, 1.4% Other.

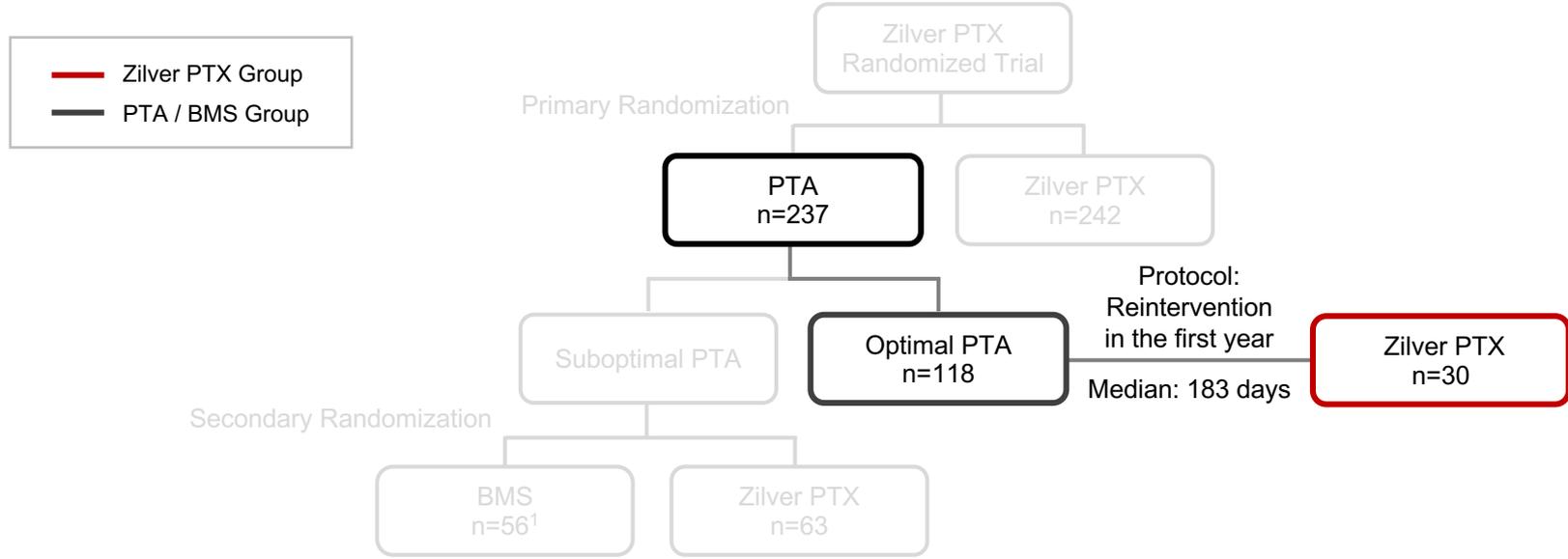
Primary Randomization



Secondary Randomization

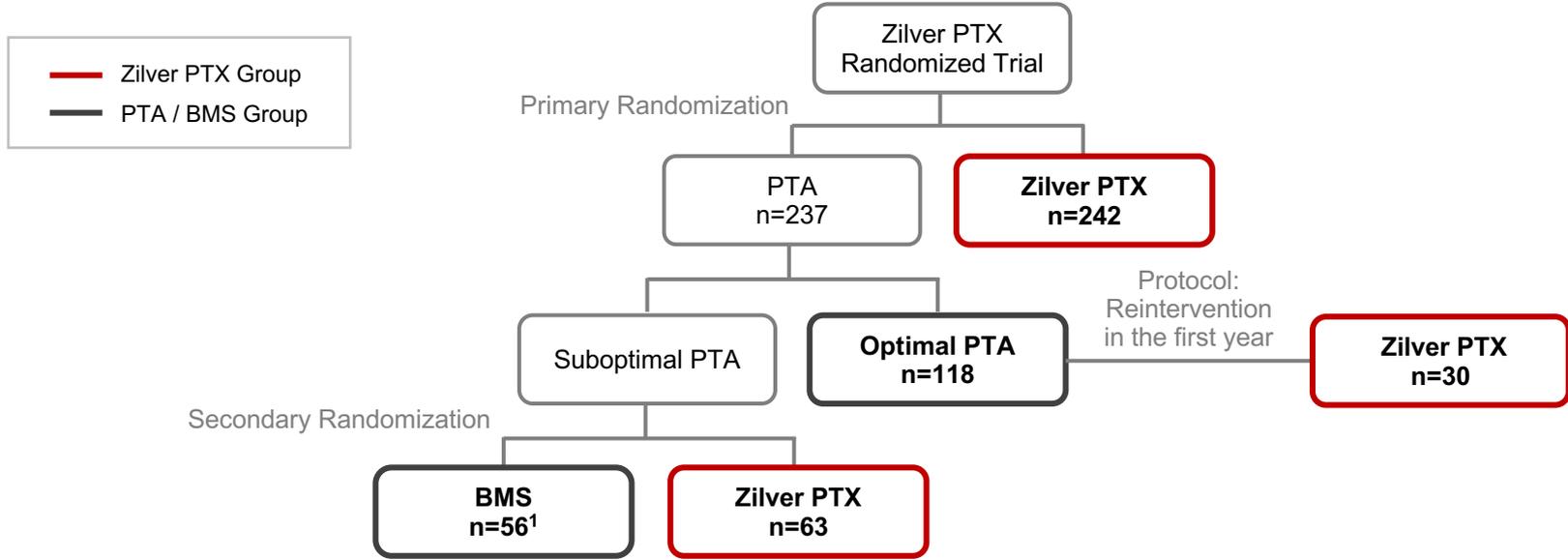


Early Crossover



¹ One BMS patient received Zilver PTX during reintervention within the first year.

Actual Treatment

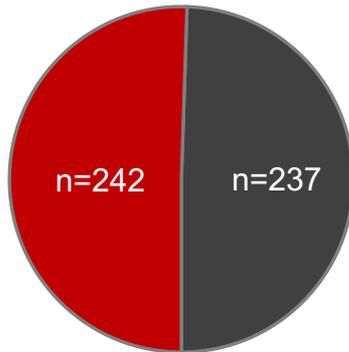


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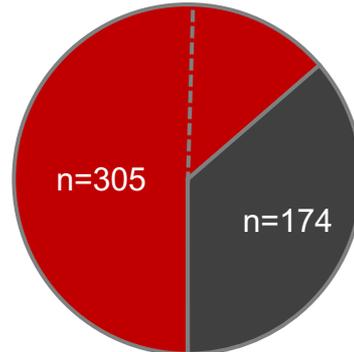
Treatment Results

- Zilver PTX
- PTA / BMS

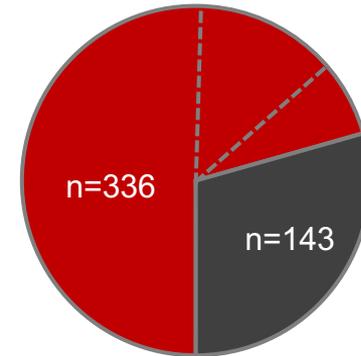
Primary
Randomization



Primary + Secondary
Randomization

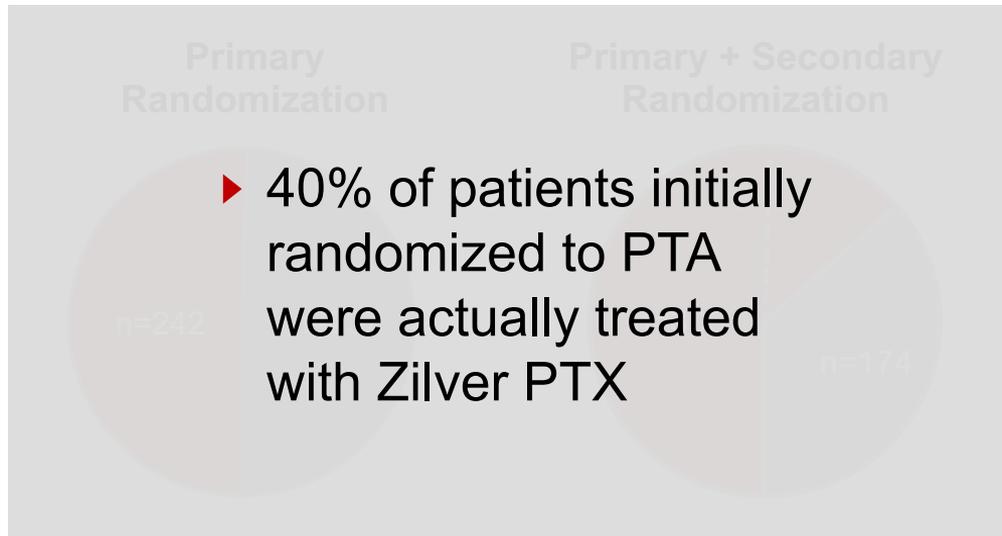


Actual Treatment =
Primary + Secondary + Crossover

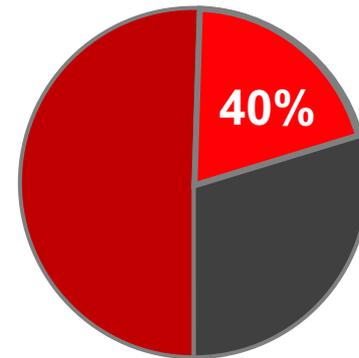


Treatment Results

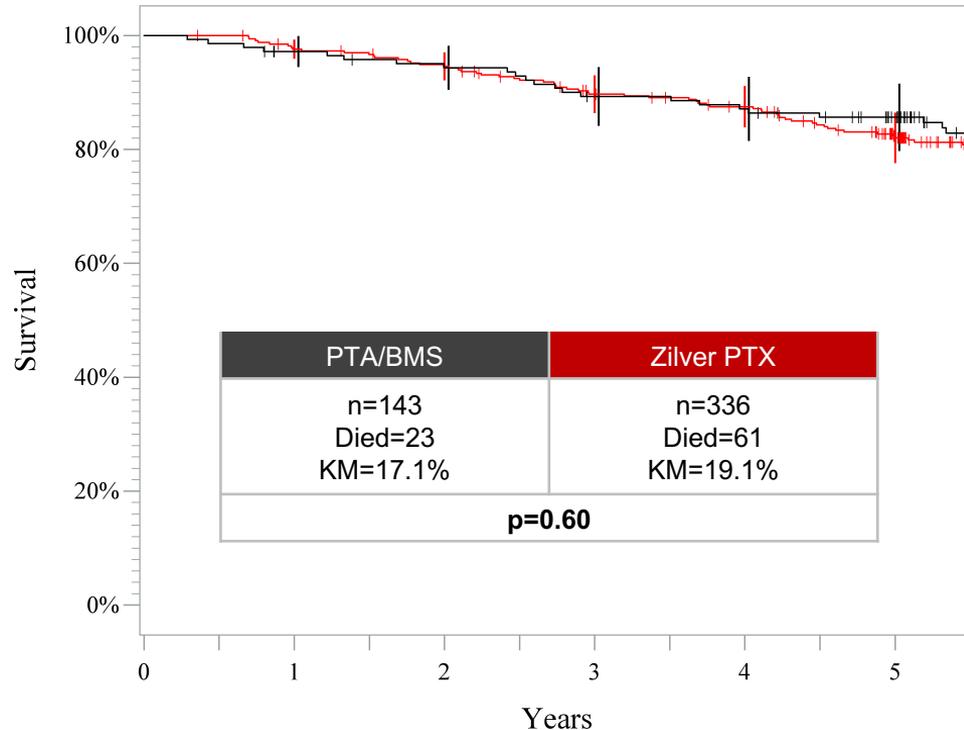
- Zilver PTX
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**Actual Treatment =
Primary + Secondary + Crossover**

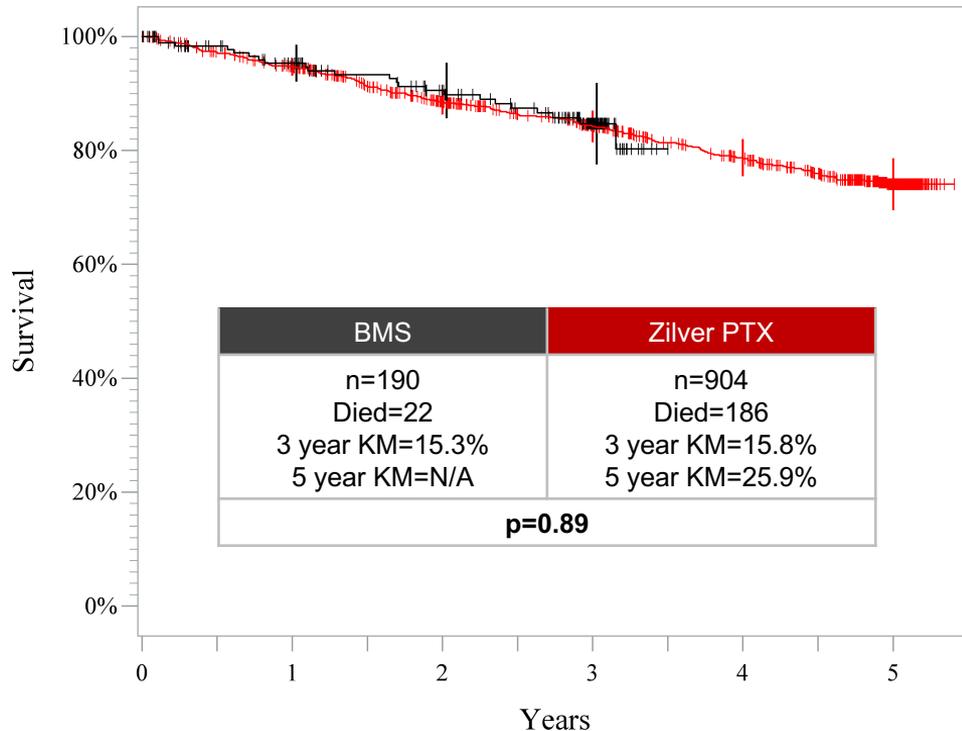


RCT Actual Treatment



- ▶ 5-year vital status for 94% of patients
- ▶ All patients analyzed by actual treatment
- ▶ No mortality signal

Japan Post-Market Studies

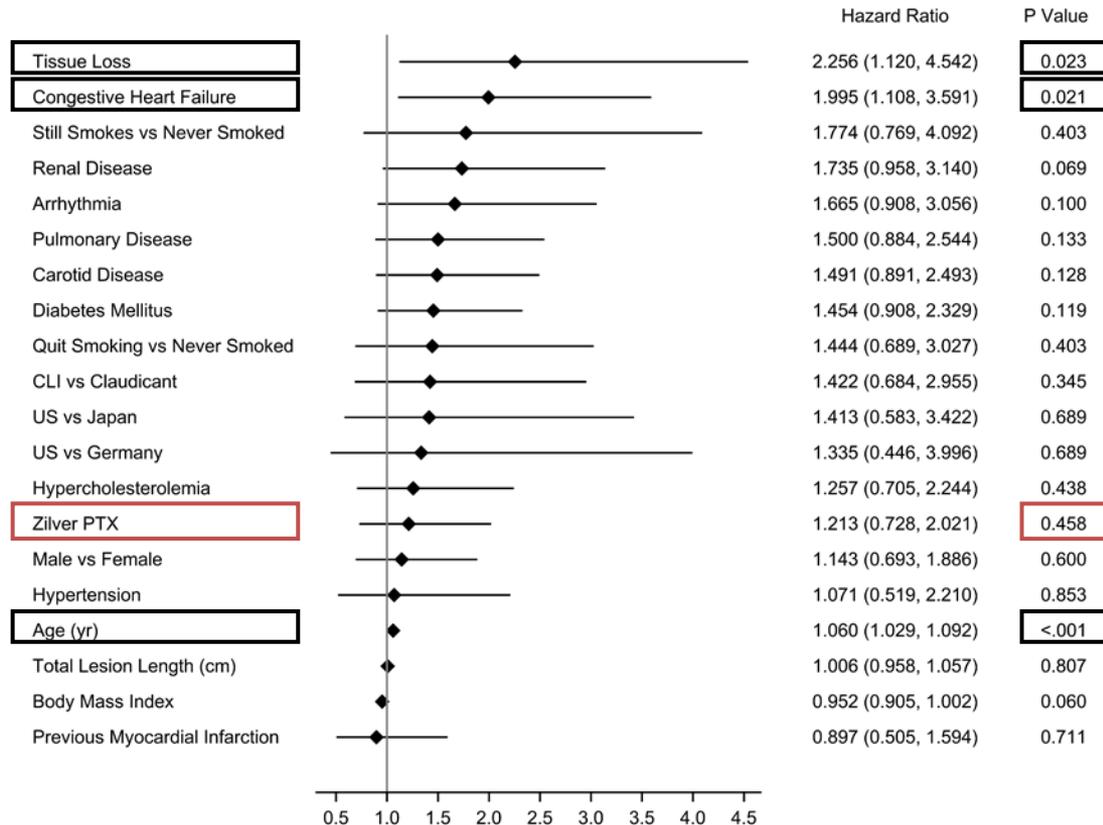


- ▶ Large, real-world; no exclusion criteria
- ▶ No increase in rate of mortality after 3 years
- ▶ No mortality signal

Covariate Analysis

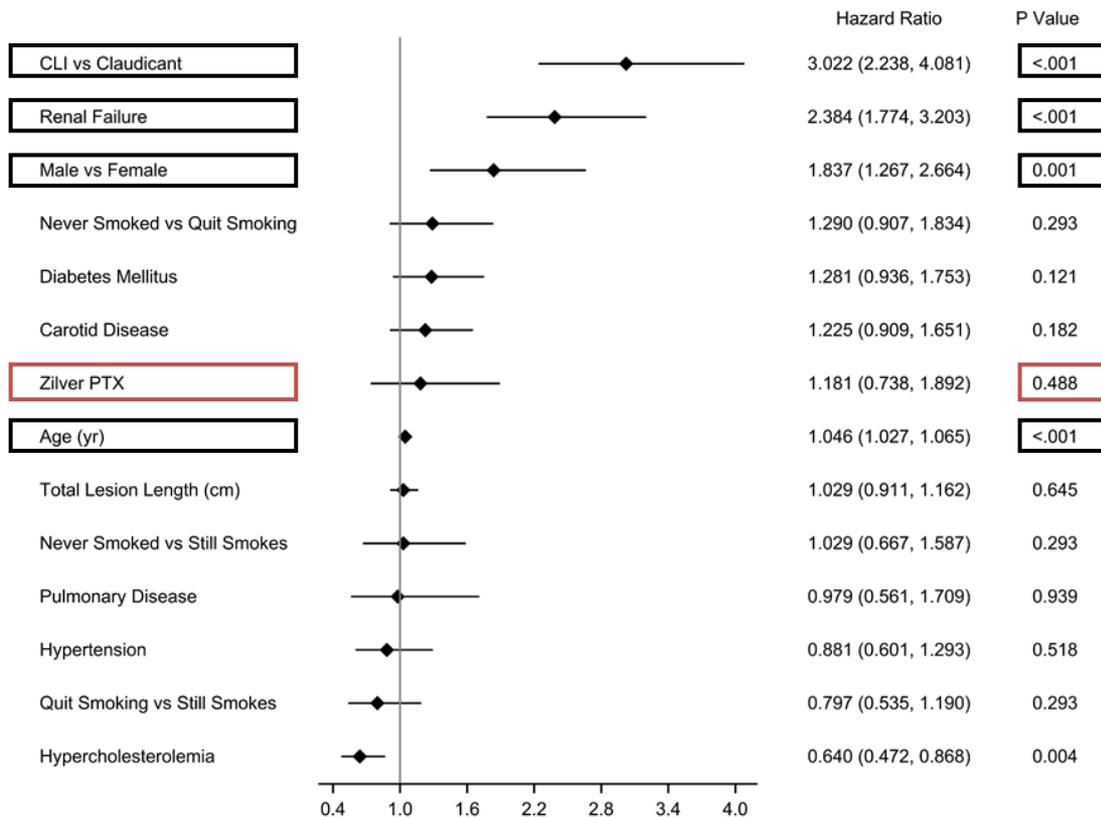
- No mortality signal for Zilver PTX when evaluating actual treatment
- What factors were associated with mortality?

Covariate Analysis



- ▶ Comorbidities common in PAD patients were the significant predictors of mortality
- ▶ Zilver PTX **not** a predictor of mortality

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Covariate Analysis: Dose

- Paclitaxel analyzed by dose (mg) per patient
- Significant predictors same as treatment arm analysis
 - RCT: Age, tissue loss, CHF
 - Japan: CLI, renal failure, gender, age, hypercholesterolemia

Study	Hazard Ratio	p-value
RCT	1.034 (0.718, 1.490)	0.86
Japan	1.201 (0.987, 1.461)	0.07

- ▶ Paclitaxel dose **not** a predictor of mortality

Conclusion

- ▶ **Analysis must be based on actual treatment**

Protocol defined secondary randomization and crossover must not be ignored

- ▶ **No mortality signal with Zilver PTX**

When data are appropriately analyzed

CLINICAL INVESTIGATION ARTERIAL INTERVENTIONS

Paclitaxel-Coated Zilver PTX Drug-Eluting Stent Treatment Does Not Result in Increased Long-Term All-Cause Mortality Compared to Uncoated Devices

Michael D. Dake¹ · Gary M. Ansel² · Marc Bosiers³ · Andrew Holden⁴ · Osamu Iida⁵ · Michael R. Jaff⁶ · Aaron E. Lottes⁷ · Erin E. O’Leary⁷ · Alan T. Saunders⁷ · Marc Schermerhorn⁸ · Hiroyoshi Yokoi⁹ · Thomas Zeller¹⁰

The patient-level data used for the analyses presented here is available on the following website:

<https://www.cookmedical.com/peripheral-intervention/paclitaxel/>

