

Platinum Chromium Element™ Stent Series¹



PLATINUM CHROMIUM, A GENERATION BEYOND COBALT CHROMIUM

Introducing Platinum Chromium (PtCr), an entirely new alloy for coronary stenting engineered exclusively by Boston Scientific to provide greater strength, flexibility, and superior radiopacity compared to current market leading stent technologies.²

EVOLUTION OF ALLOY FOR CORONARY STENTING

Capability to Enable Stent Performance in Relation to:	Stainless Steel (316L)	Cobalt Chromium (L605)	Platinum Chromium (PtCr)
Biocompatibility	●	●	●
Visibility	●	●	●
High Radial Strength ³	●	●	●
Minimal Recoil ³	●	●	●
Conformability ³	●	●	●
Use for Thin Strut Design	●	●	●

● More capable
● Capable
● Less Capable

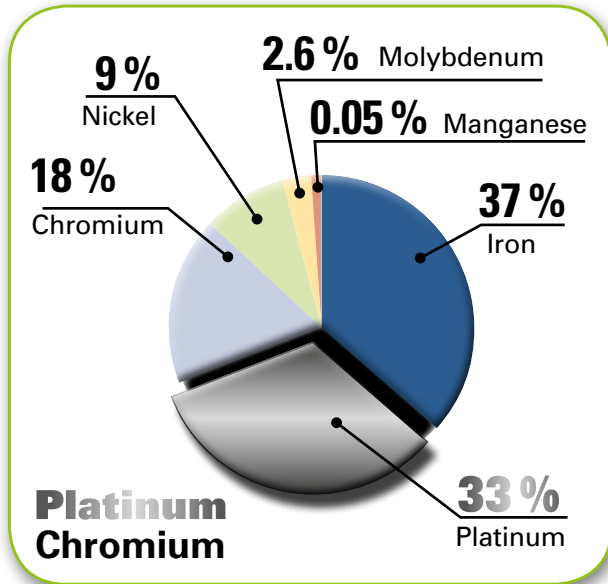
³ Stent material assessment based on TAXUS™ Liberté™ and XIENCE V™ Stents, TAXUS™ Element™ and PROMUS™ Element™ Stents

The Platinum Chromium alloy of the Element™ Stent Series is more flexible than Cobalt Chromium with the radial strength of Stainless Steel, surpassing the capabilities of first and second generation stent alloys.

The result of over eight years of research and development, Platinum Chromium enabled Boston Scientific to design a stent that is both strong and highly flexible compared to current market leading stent technologies.

Platinum Chromium Element™ Stent Series

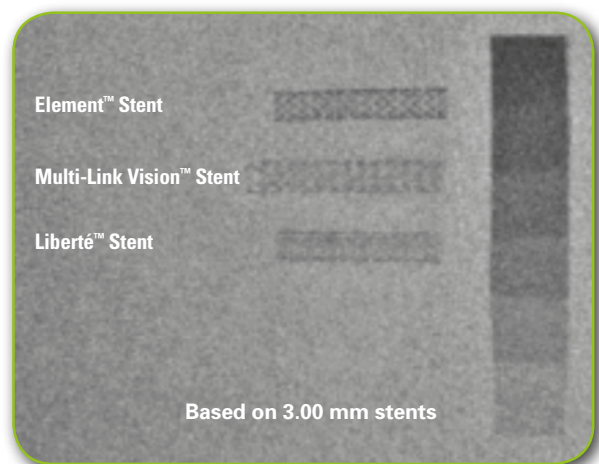
PROPERTIES OF PLATINUM CHROMIUM *



- **2x more dense** than Iron or Cobalt
- **Superior radiopacity** compared to Cobalt Chromium and 316L Stainless Steel⁴
- **Increases strength** when alloyed with 316L Stainless Steel
- **Malleable and corrosion resistant**

SEE THE PLATINUM CHROMIUM DIFFERENCE IN THE ELEMENT™ STENT SERIES

Due to the high density and high attenuation of Platinum Chromium, the Element™ Stent exhibits superior radiopacity for better stent placement⁵



* Technical Document 90353760, VAC, Element DV: Conform 90417995, Recoil 90408581, Comp Res 90413578

¹ Element™ Stent Series: TAXUS™ Element™ Paclitaxel-Eluting Stent and PROMUS™ Element™ Everolimus-Eluting Stent Systems are CE mark pending. Element™ Bare Metal Stent is under development. Not for sale in the EEA (European Economic Area), Japan and U.S.

² Compared to the TAXUS™ Liberté™, XIENCE V™ and Endeavor™ Stents. Testing by Boston Scientific. Source: Boston Scientific Research and Development. Data on File. 90353760, Version AC. Multi-Link Vision and XIENCE V are trademarks of Abbott Laboratories group of companies. Endeavor is a trademark of Medtronic Vascular, Inc.

³ Stent material assessment based on TAXUS™ Liberté™ and XIENCE V™ Stents, TAXUS™ Element™ and PROMUS™ Element™ Stents.

⁴ Based on alloy density.

⁵ Testing completed by Boston Scientific. Data on file. Image taken using a 1mm thick copper phantom.

To date (August 2009)

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