

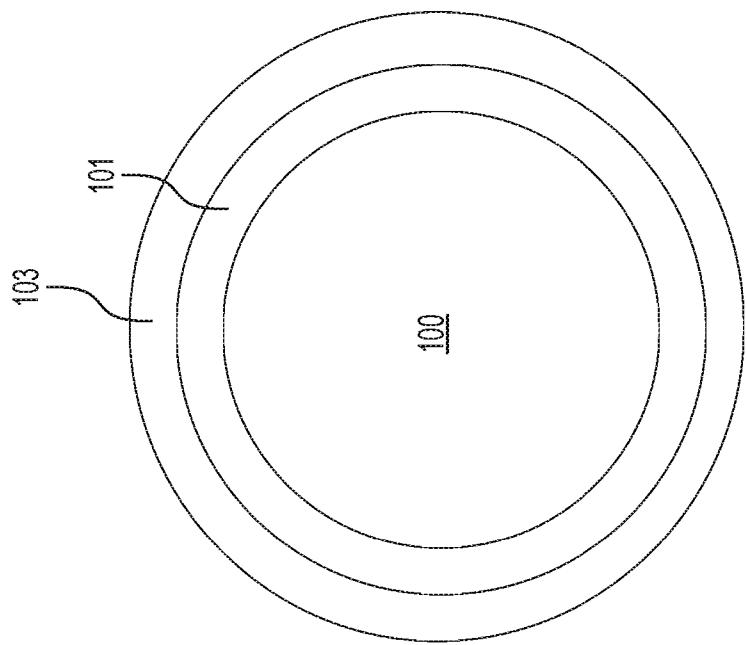


FIG. 1A

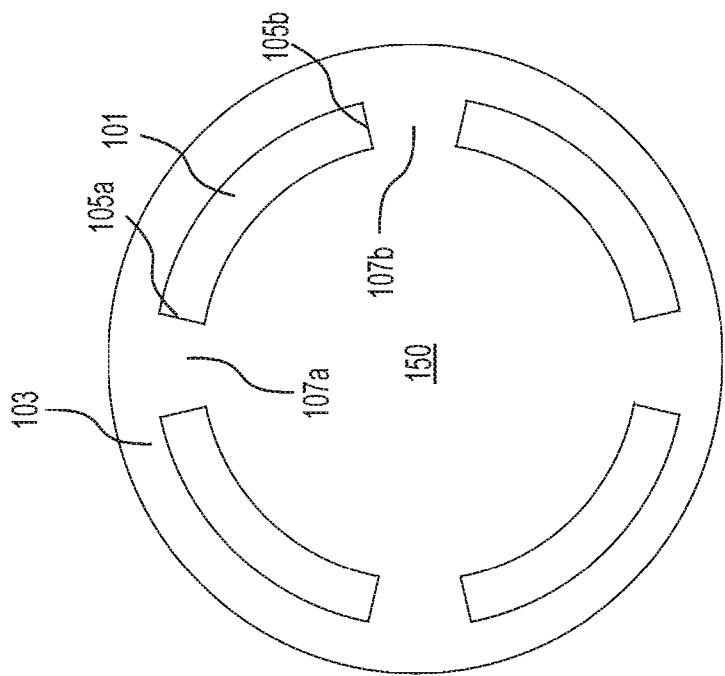


FIG. 1B

#1224 (CV38061) Left Iliac – Xience Xpediton

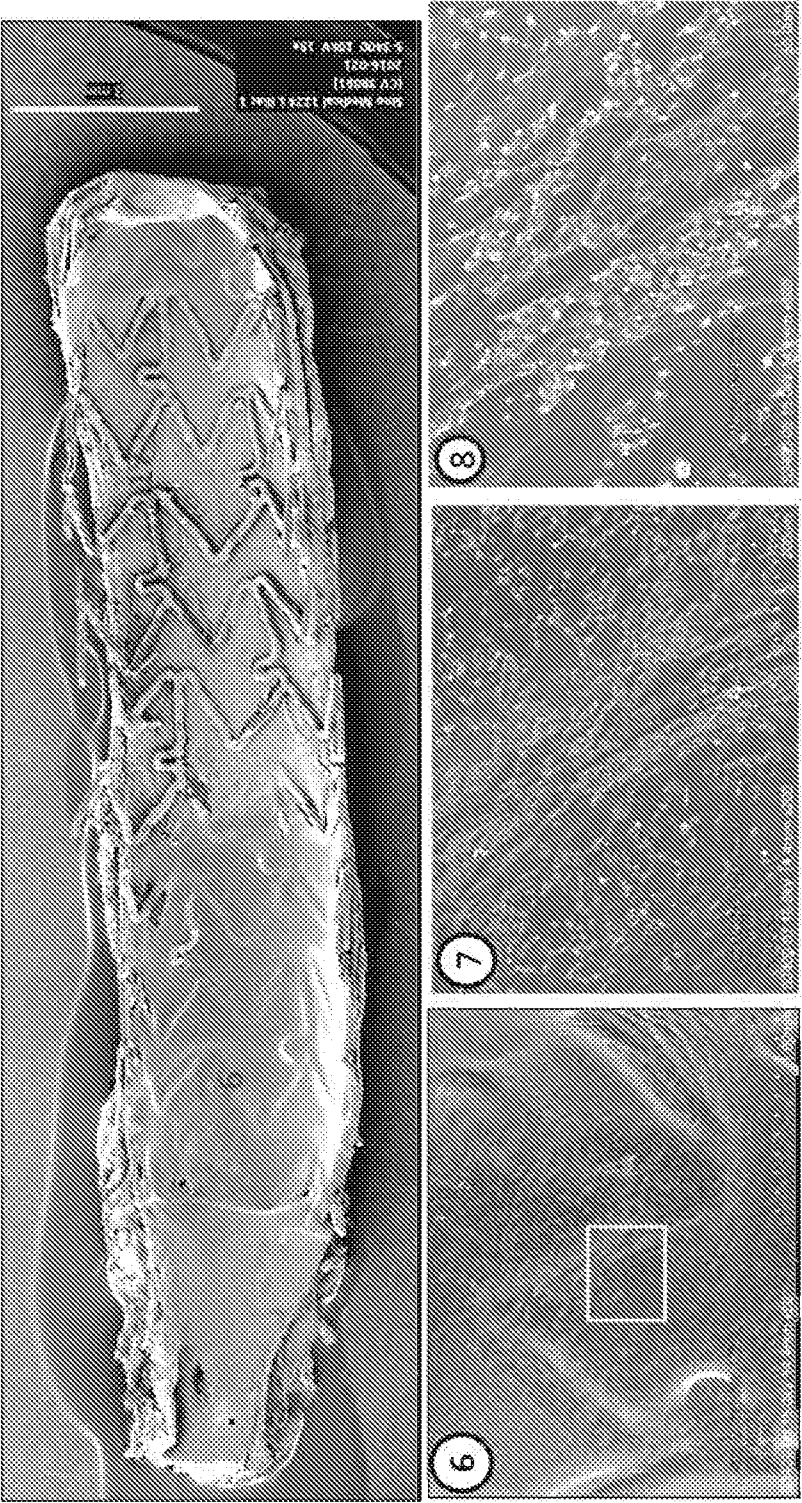


FIG. 2

#1224 (CV38061) Right Iliac – BuMA Supreme

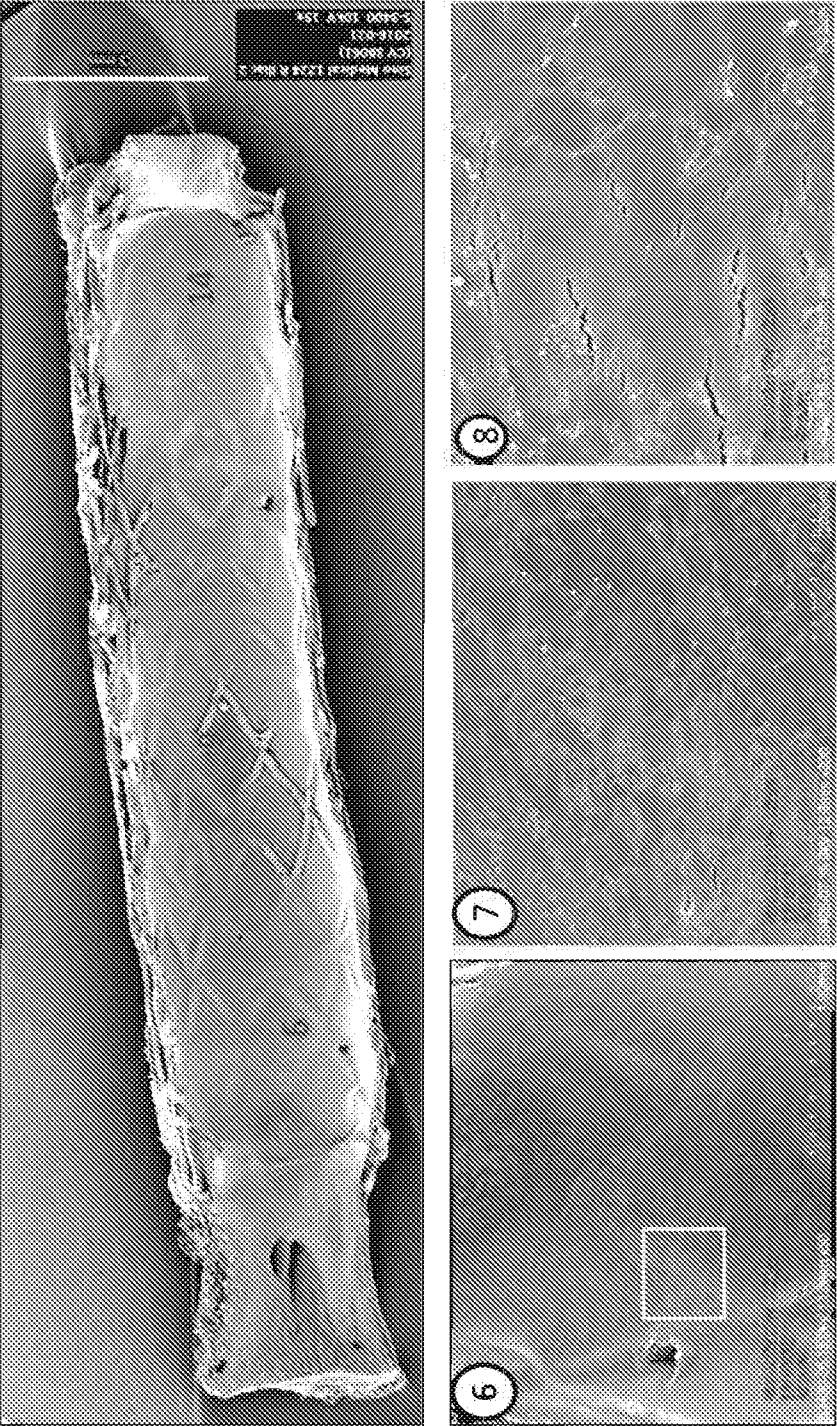


FIG. 3

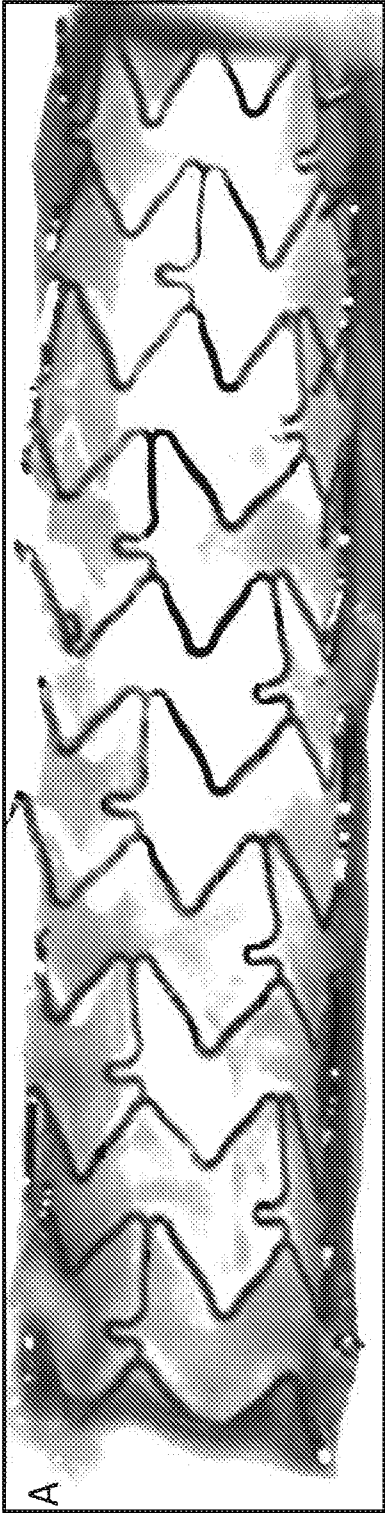


FIG. 4A



FIG. 4B

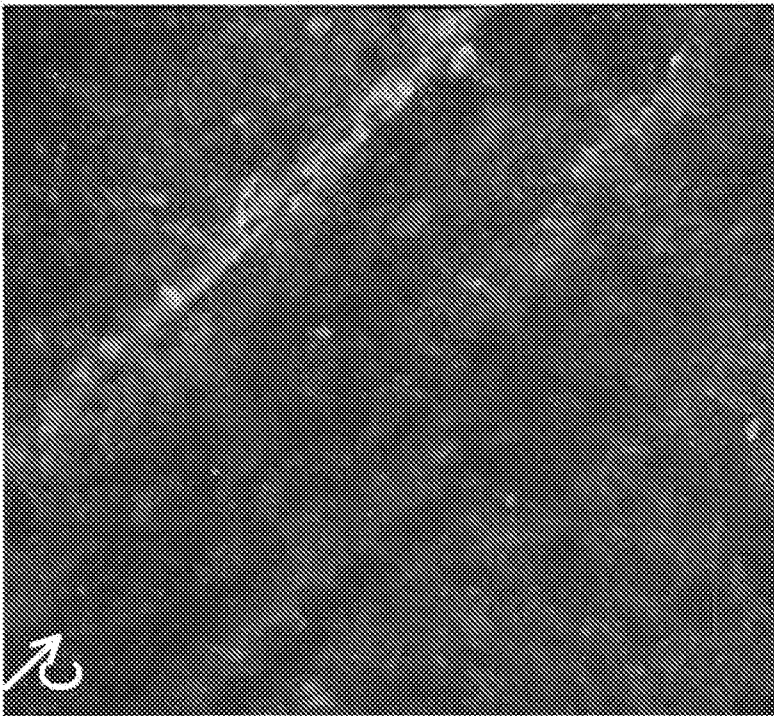


FIG. 4C



FIG. 4D

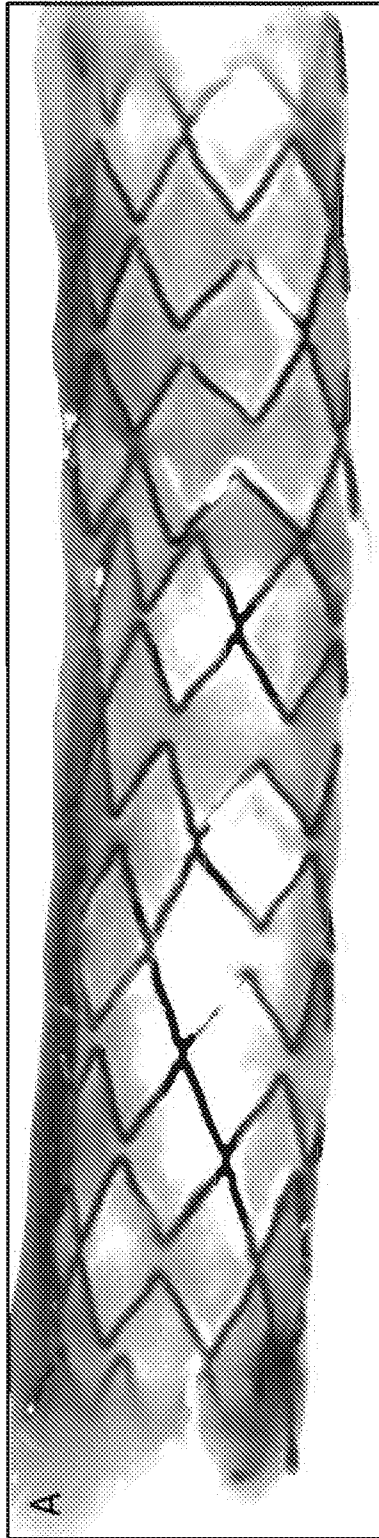


FIG. 5A

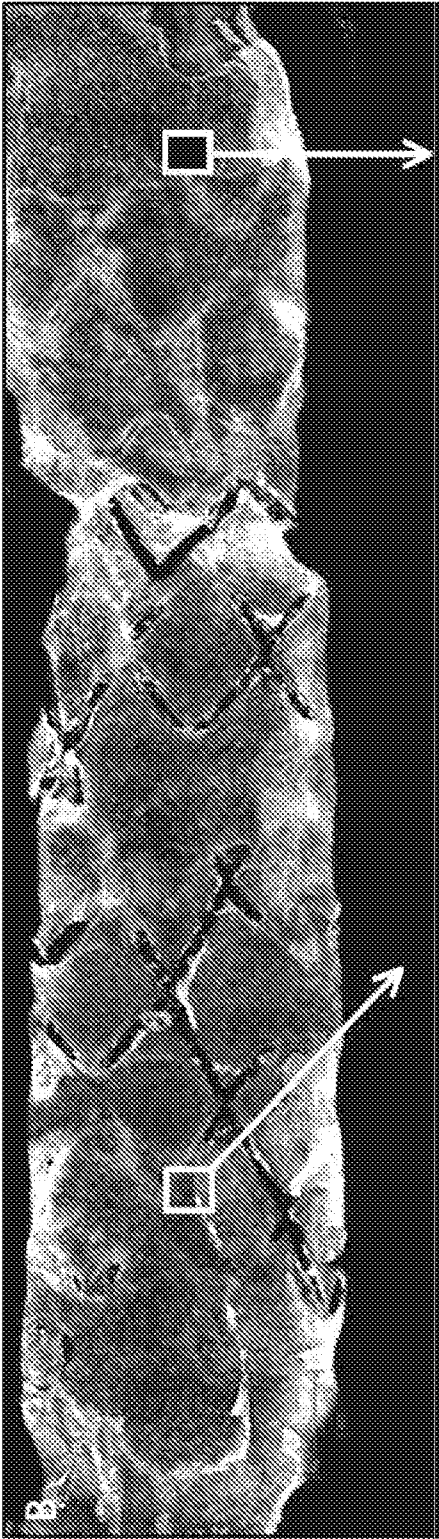


FIG. 5B

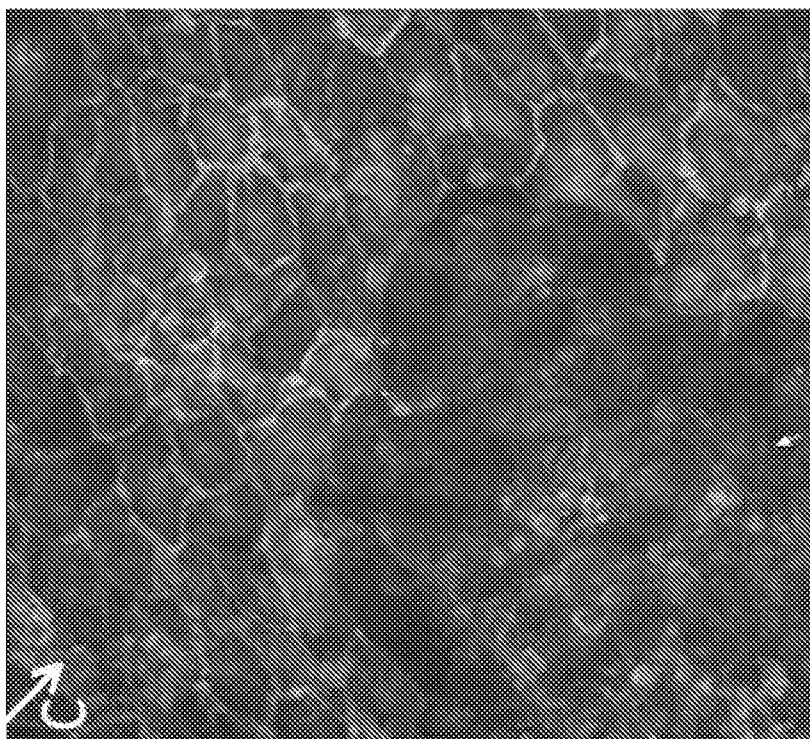


FIG. 5C

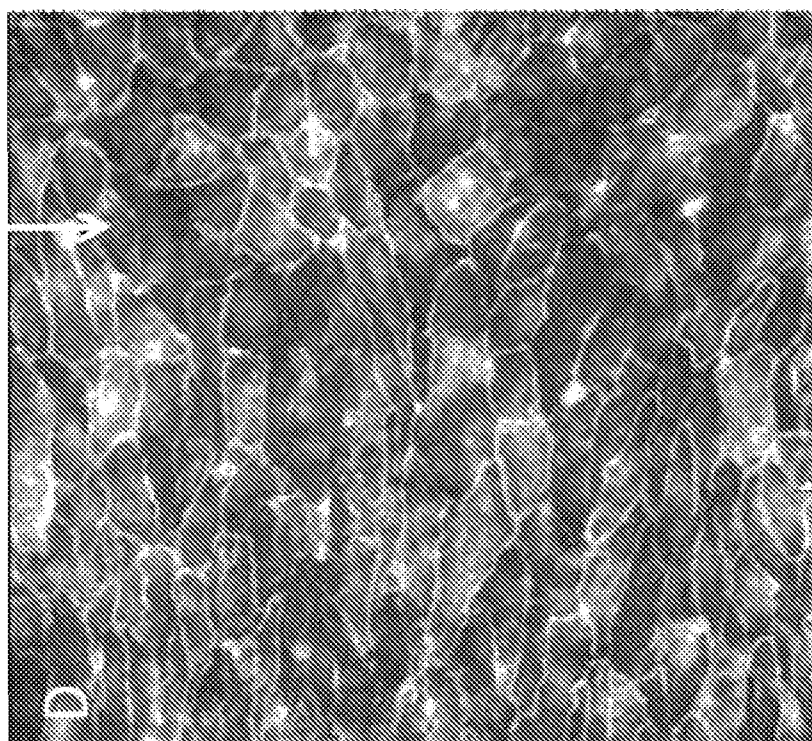


FIG. 5D

#1227 (CV38232) Right Iliac – Xience Xpedition

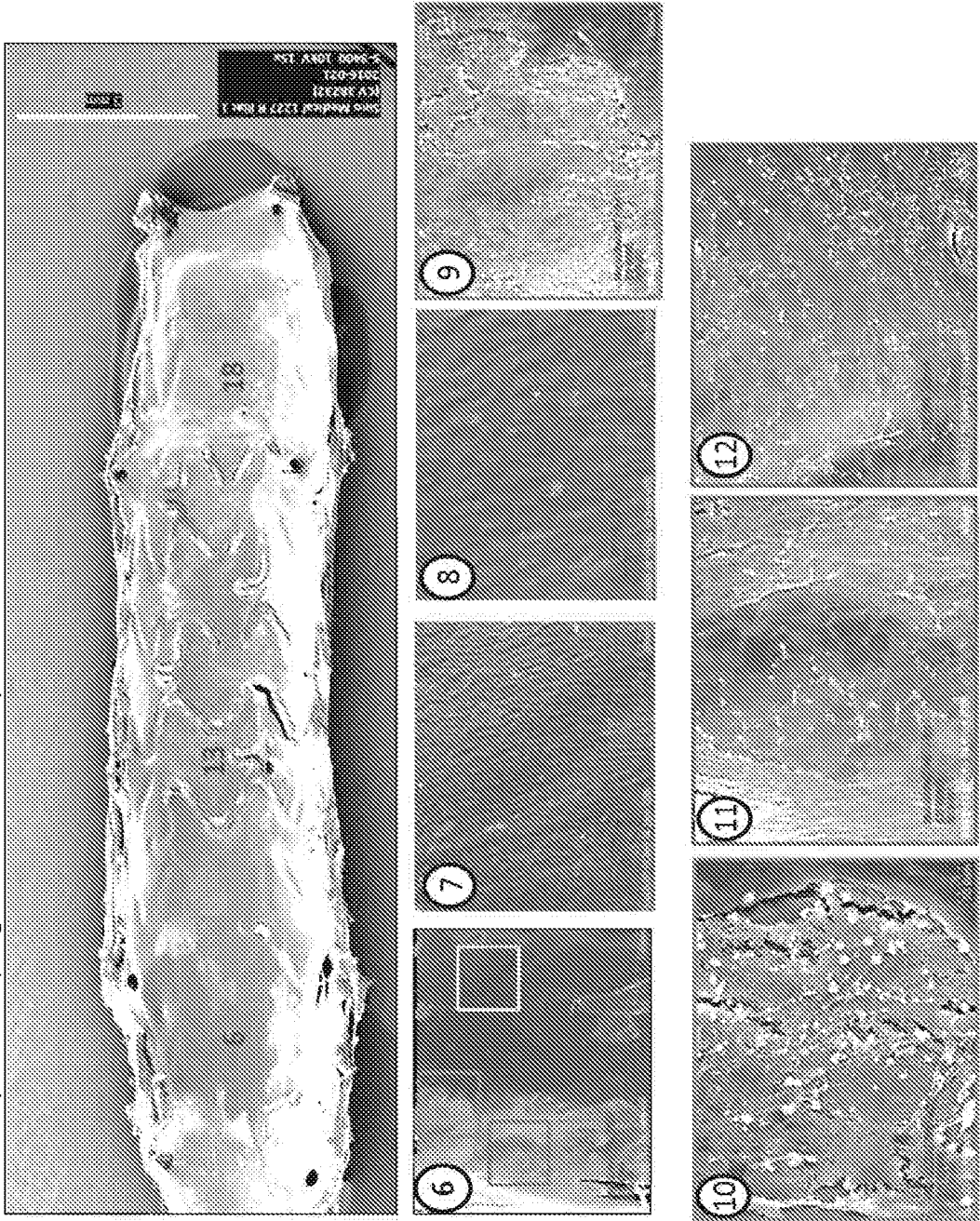


FIG. 6

#1227 (CV38232) Left Iliac – BuMA Supreme

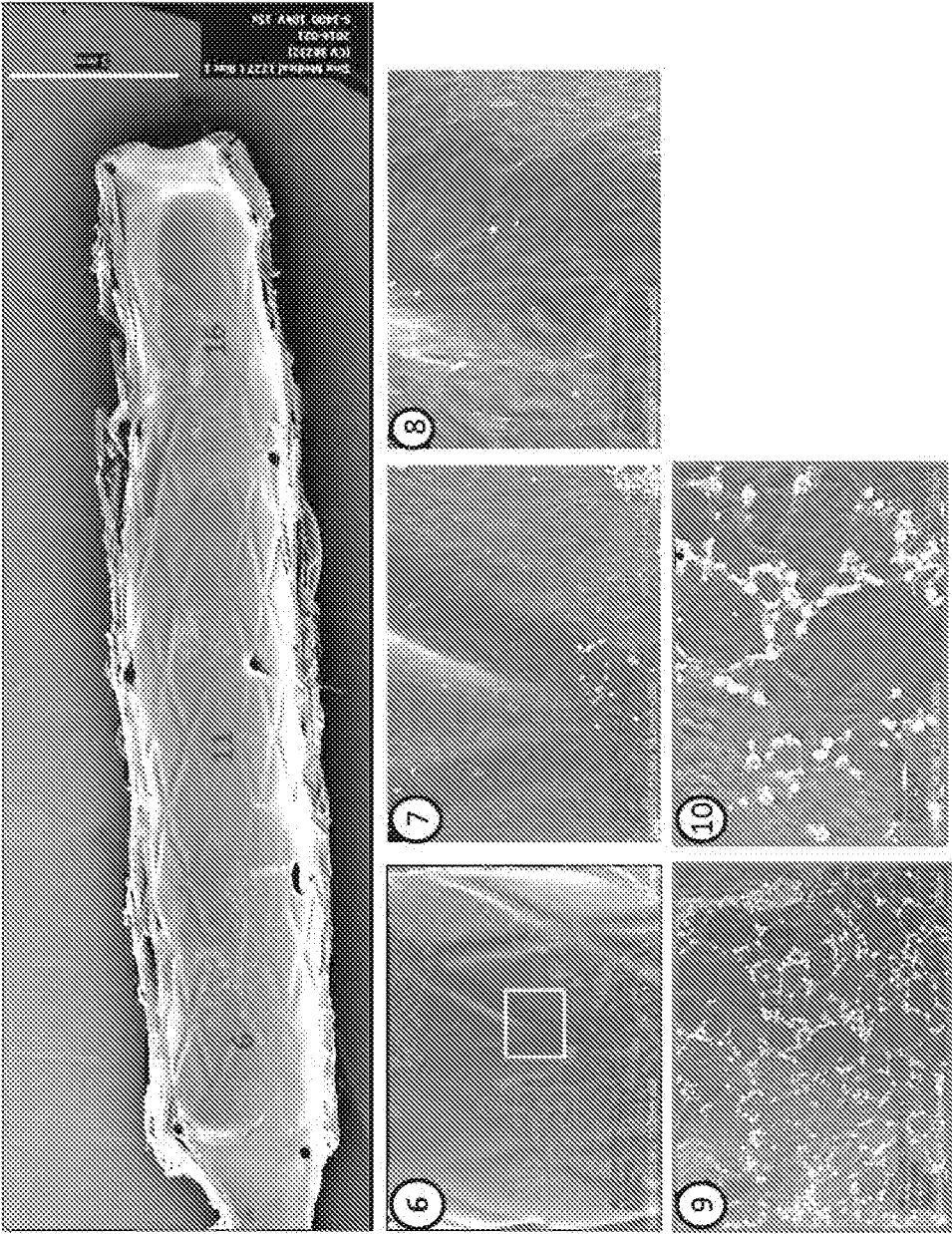


FIG. 7

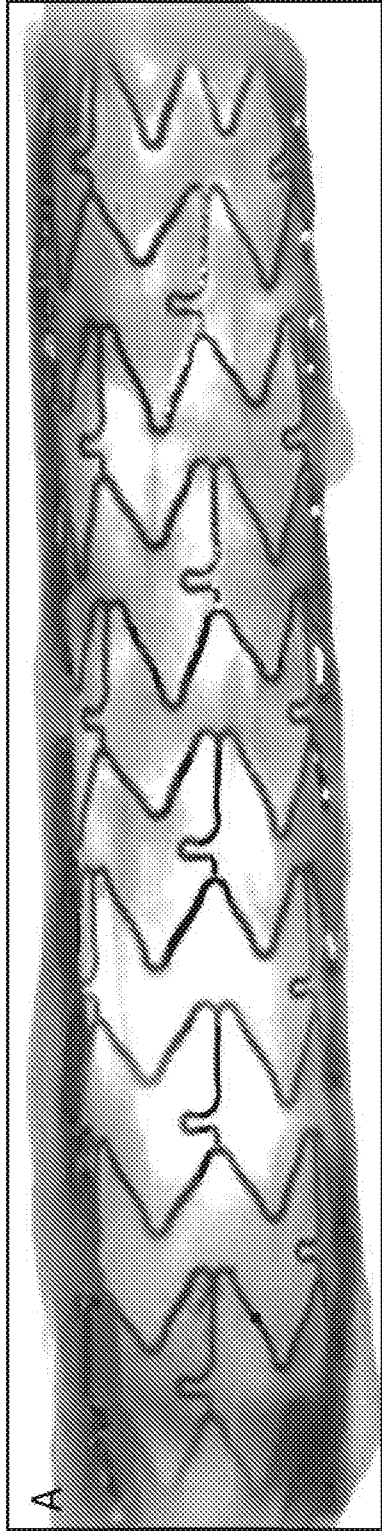


FIG. 8A

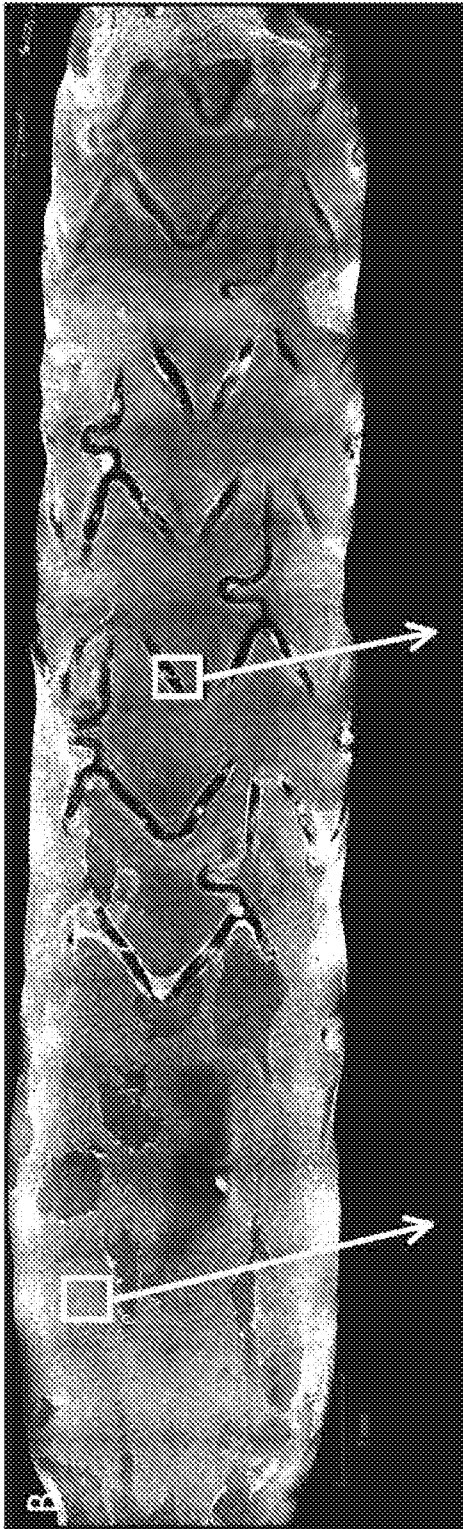


FIG. 8B

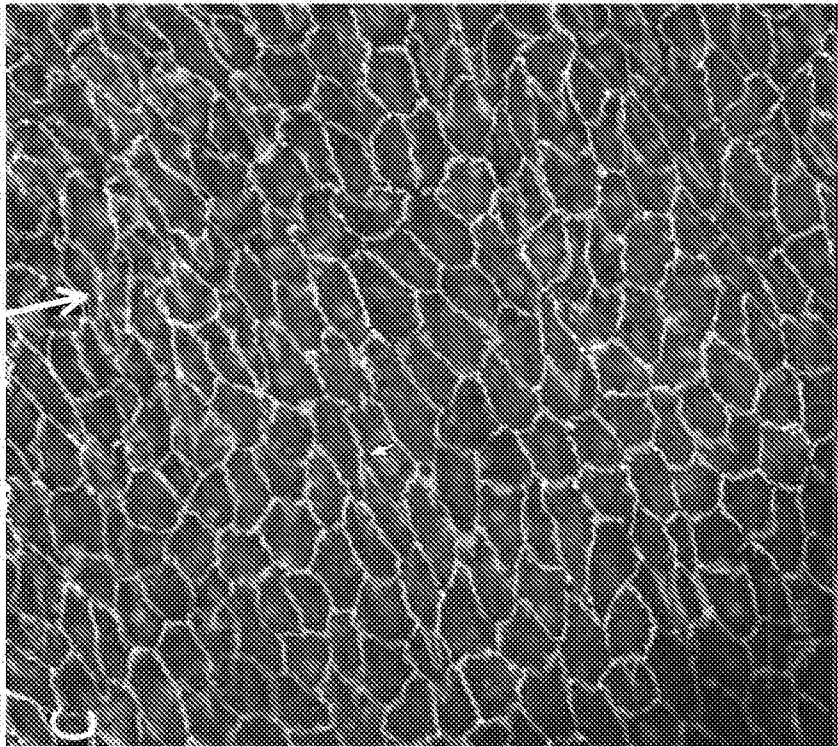


FIG. 8C

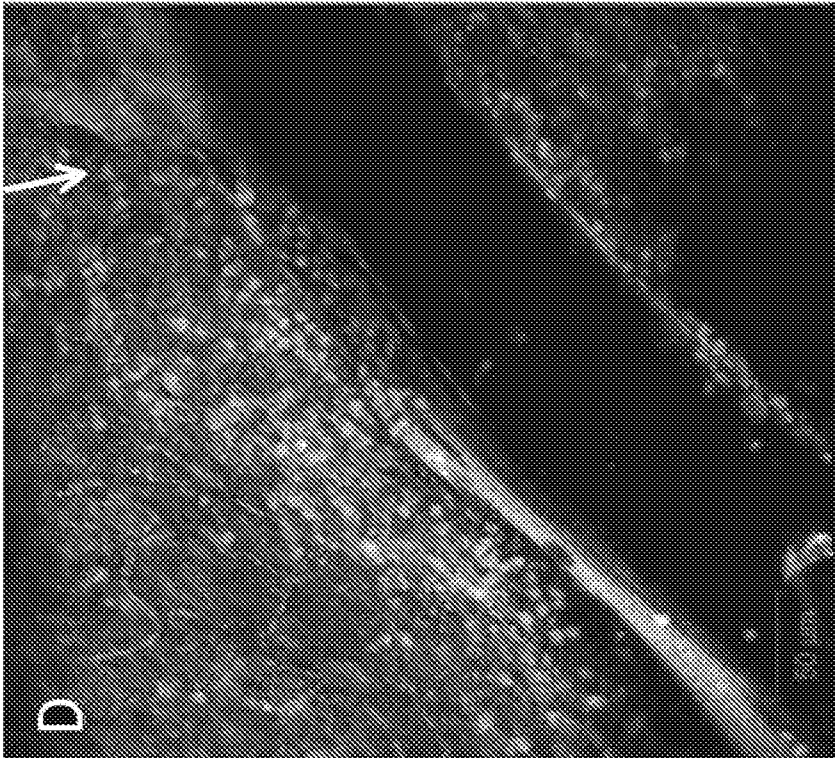


FIG. 8D

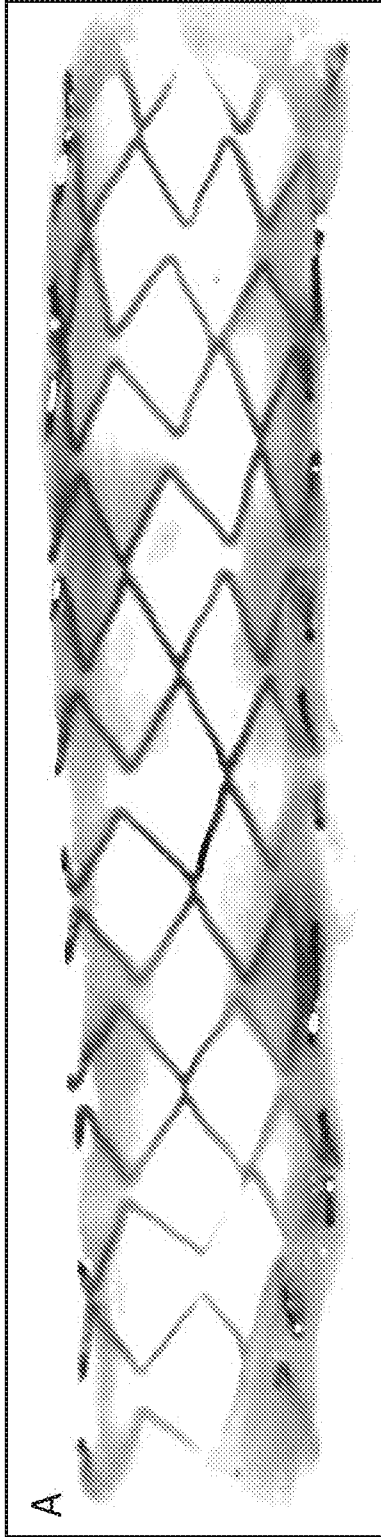


FIG. 9A

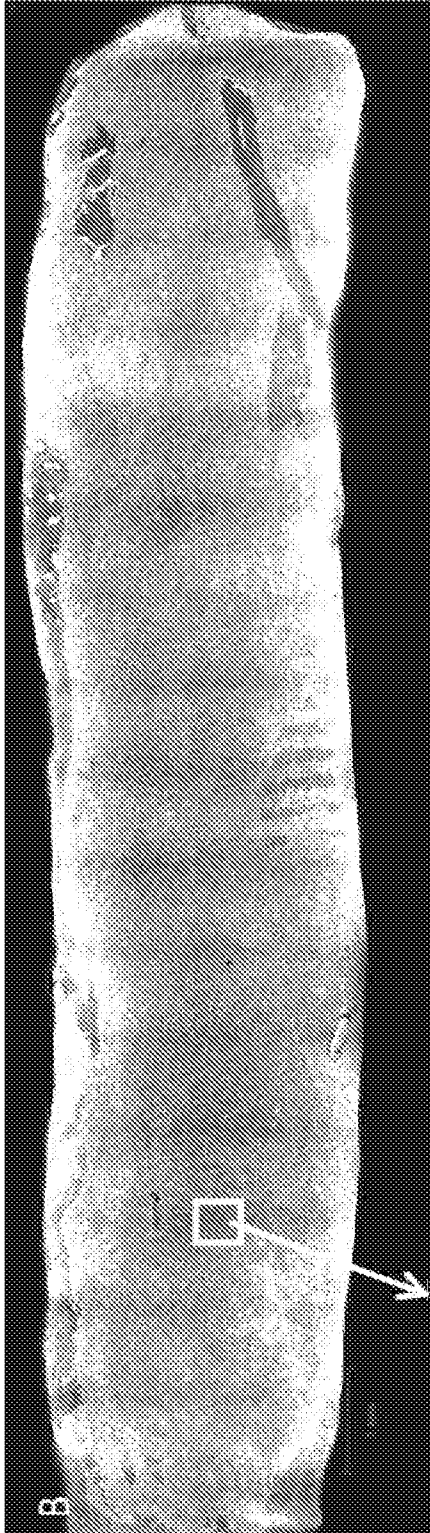


FIG. 9B

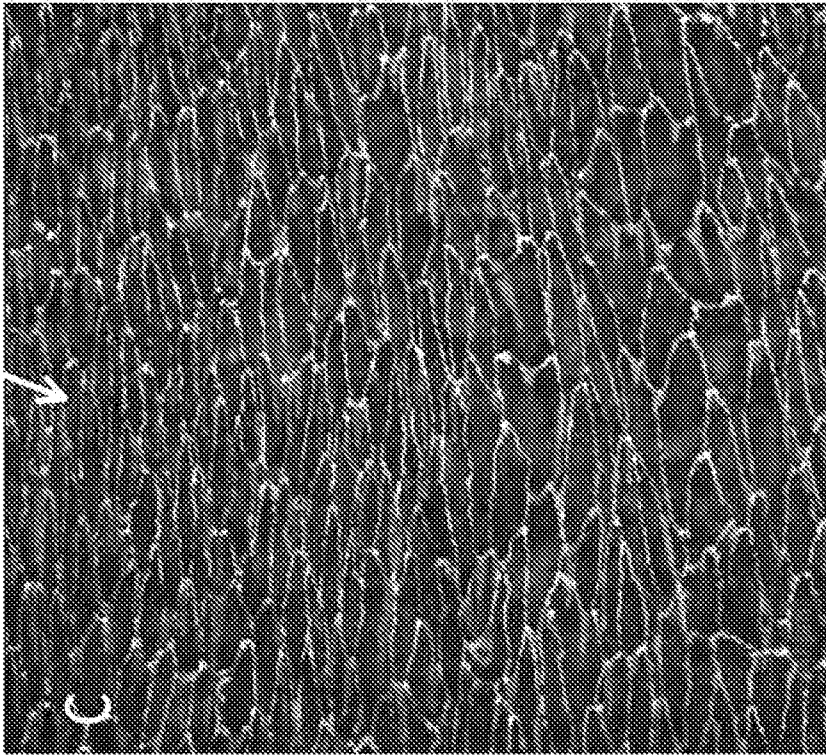


FIG. 9C

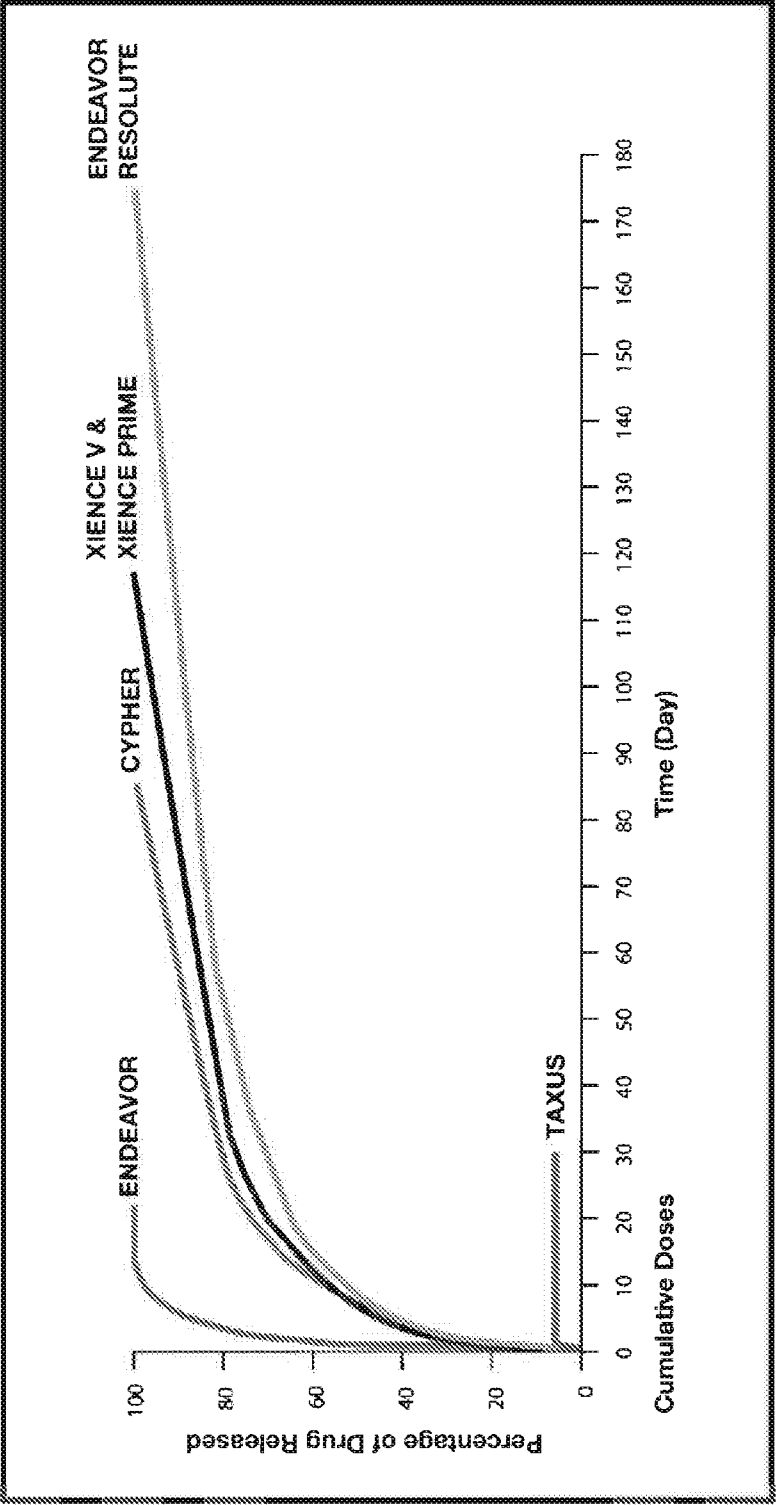


FIG. 10

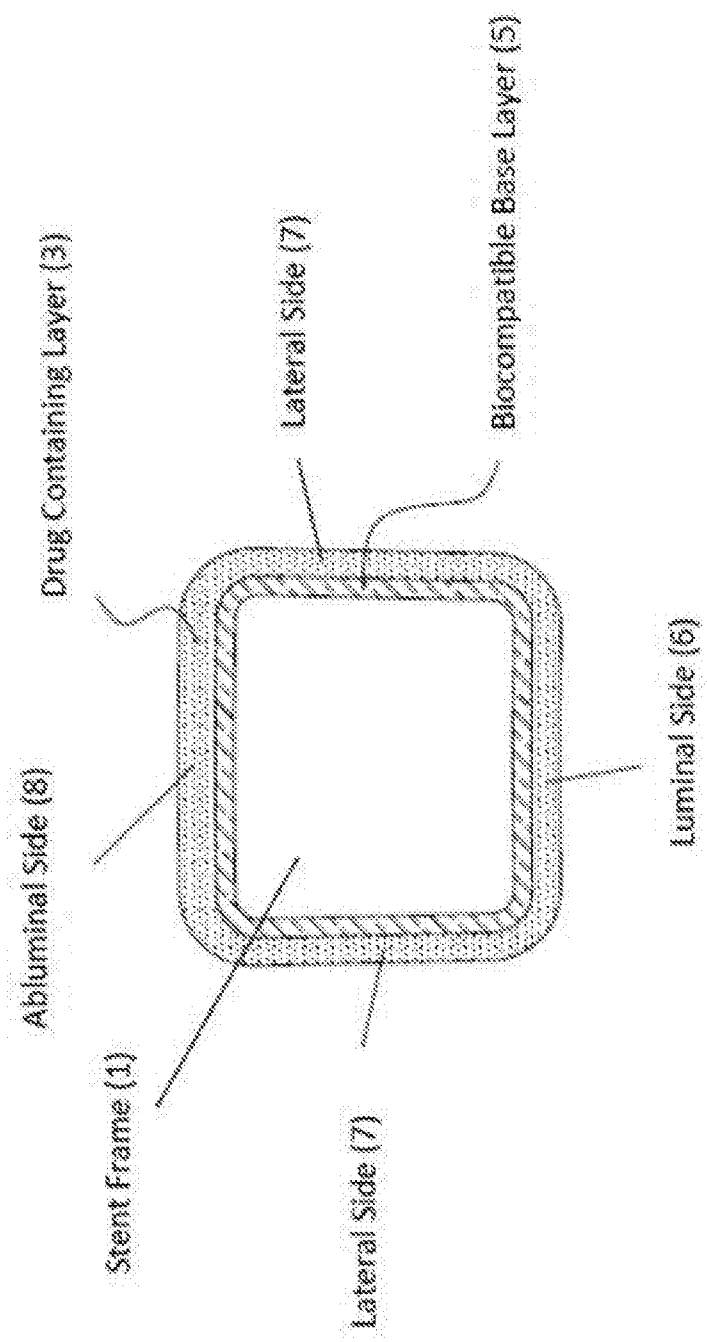
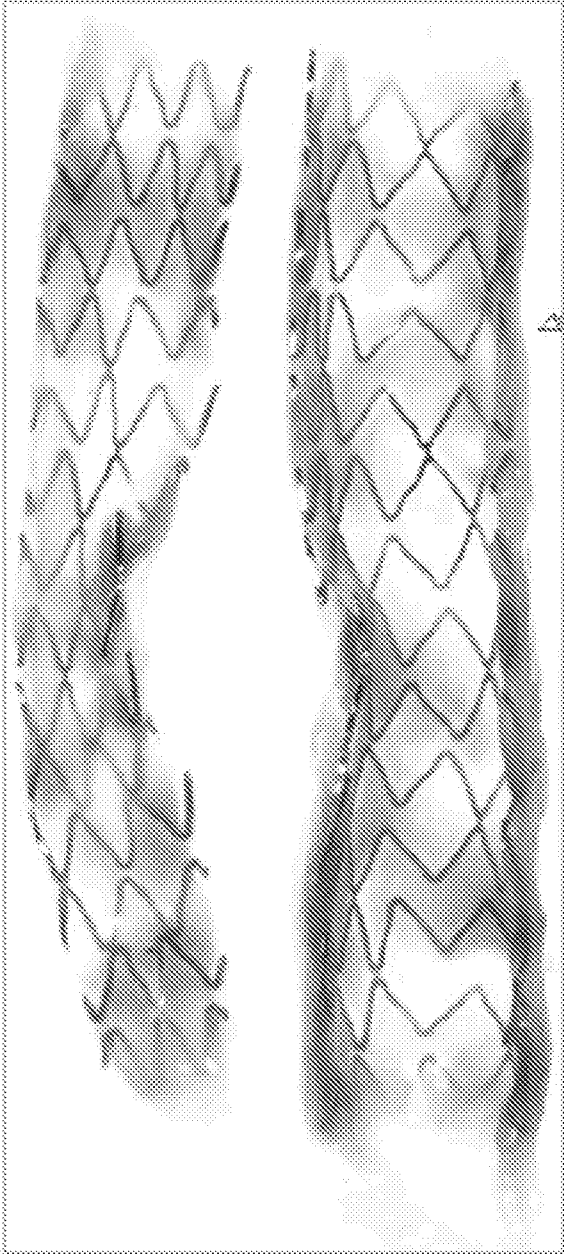


FIG. 11

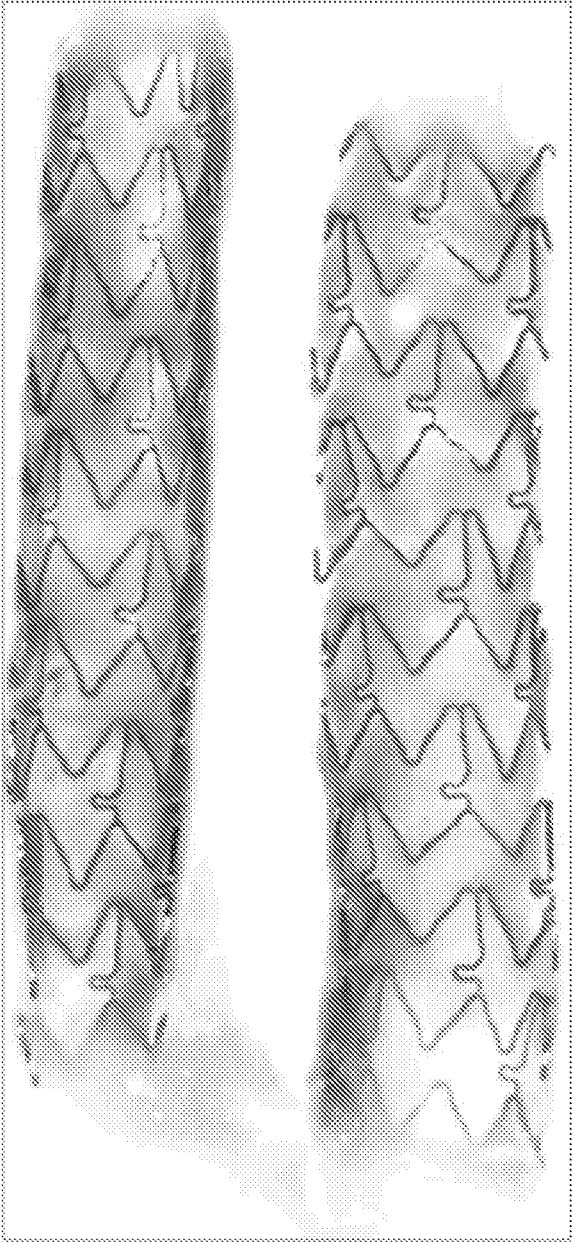
GROSS IMAGES OF EVAN'S BLUE UPTAKE



#1322 Lt iliac – BuMA
Percentage (%) of Evan's Blue
positive area = 28.57

FIG. 12A

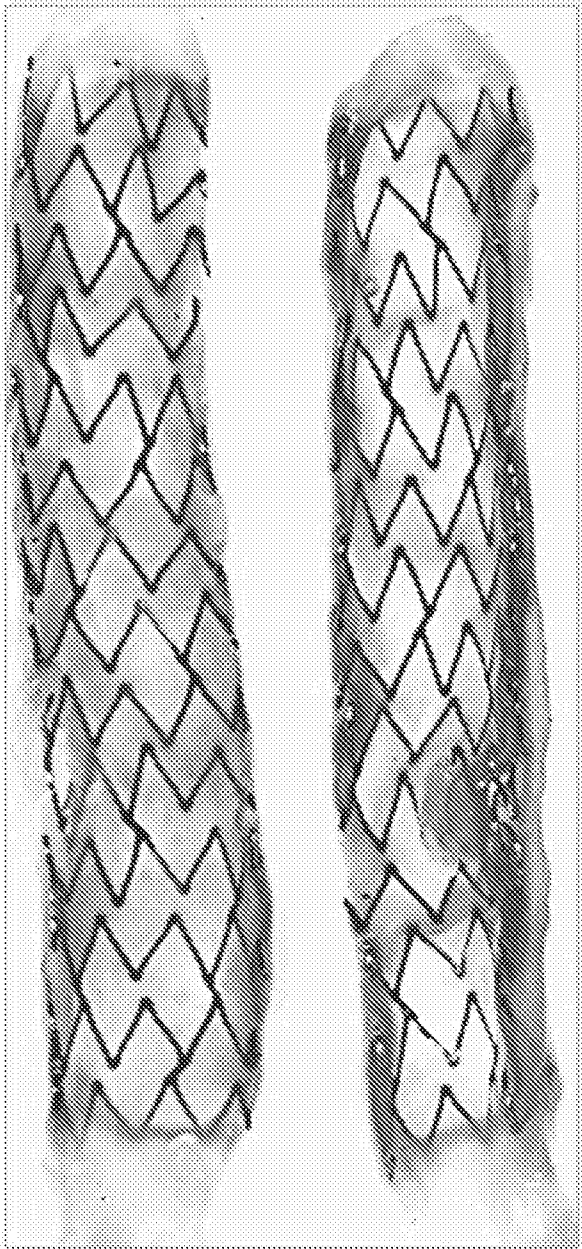
GROSS IMAGES OF EVAN'S BLUE UPTAKE



#1324 Lt iliac – Xience
Percentage (%) of Evan's Blue
positive area = 55.0

FIG. 12B

GROSS IMAGES OF EVAN'S BLUE UPTAKE



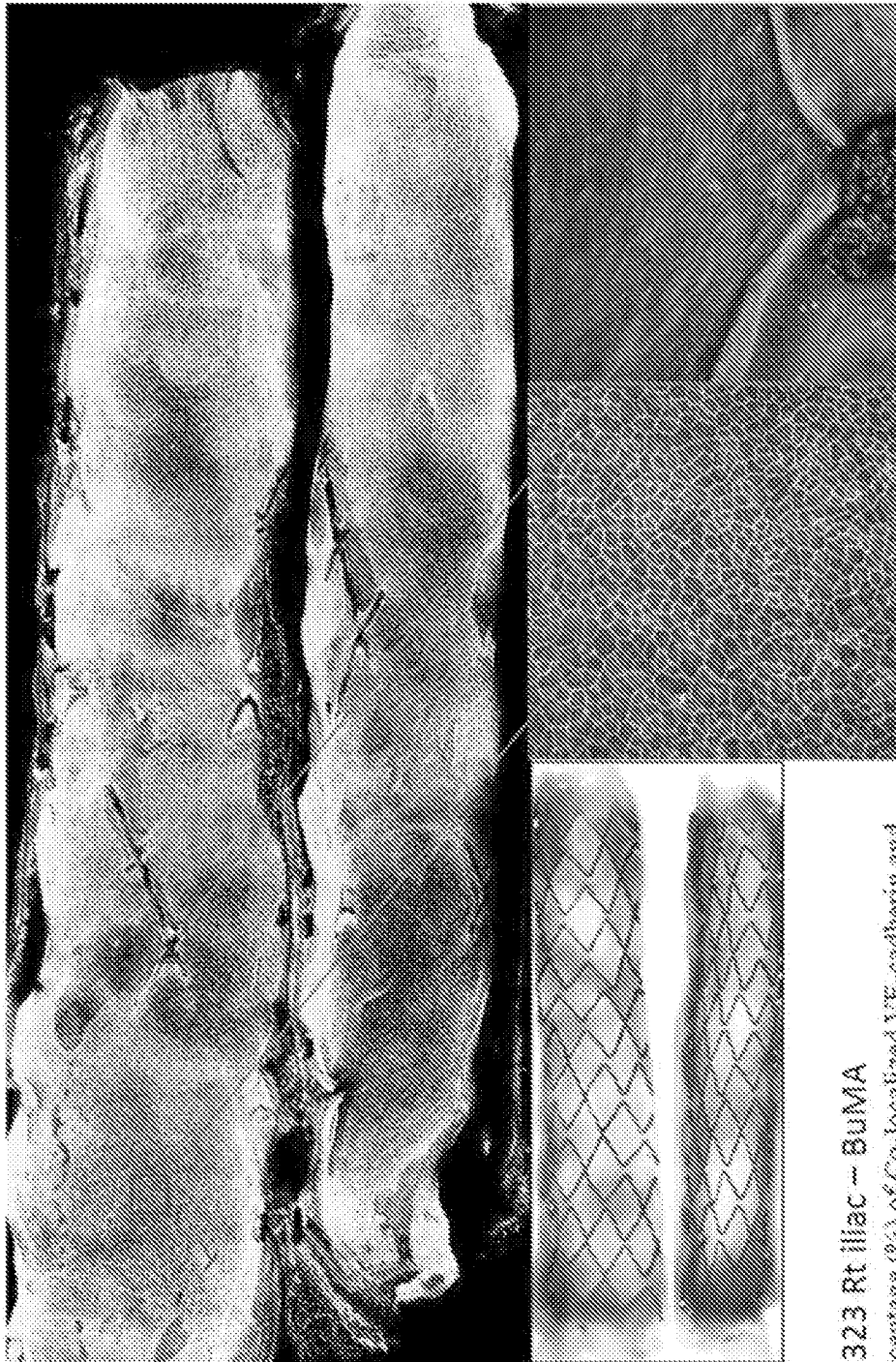
#1325 Lt iliac – Synergy
Percentage (%) of Evan's Blue
positive area = 56.79

FIG. 12C

**45 Day Evans Blue
Evan's Blue Uptake Data**

Stent Type	Combined stent halves [Evan's Blue Uptake %]
BuMA Supreme N = 5	35.36 ± 15.91
Xience N = 4	54.71 ± 1.74
Synergy N = 5	42.84 ± 13.93
Vision N = 4	11.2 ± 12.09

FIG. 12D



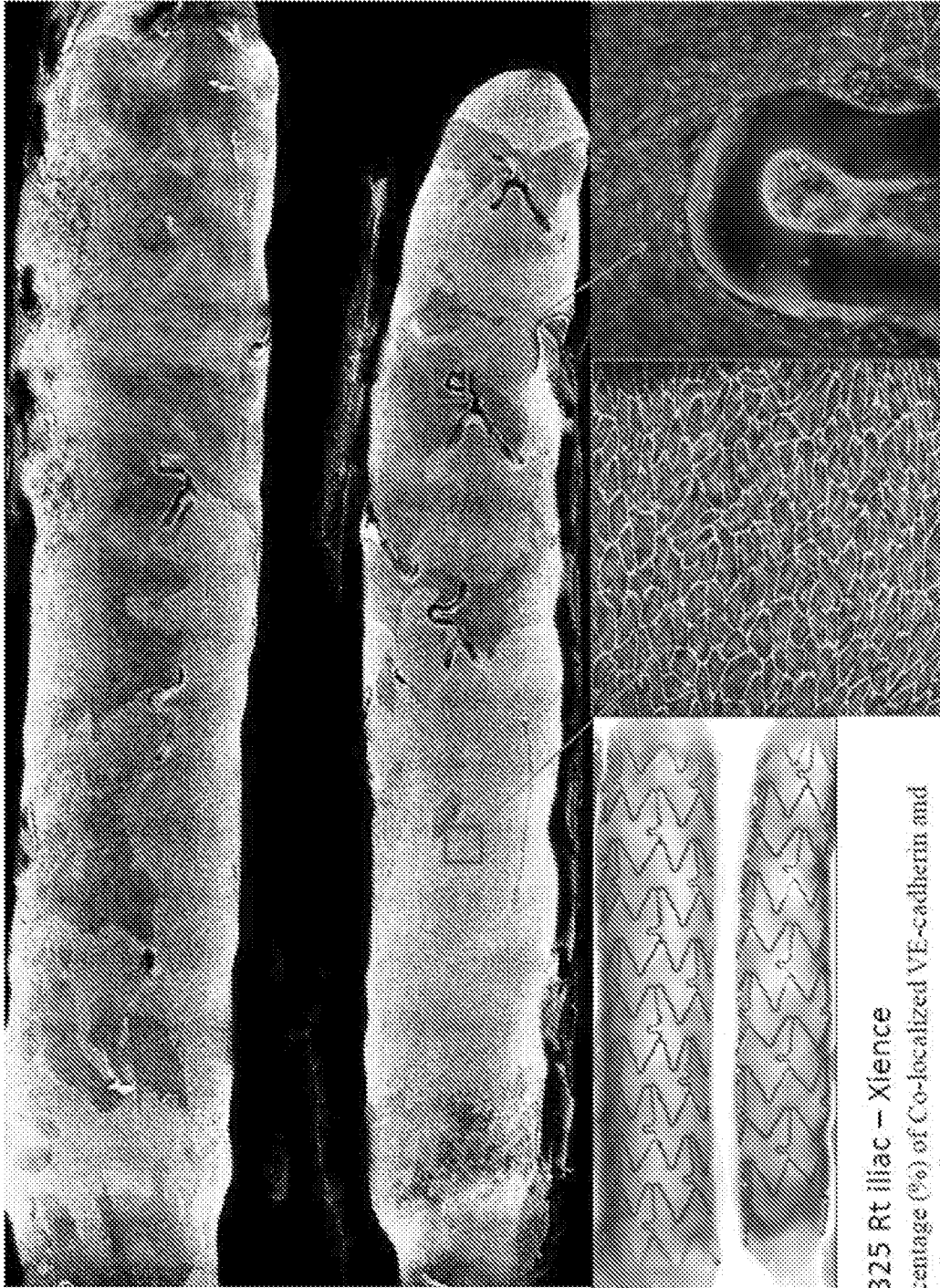
#1323 Rt iliac — BuMA

Percentage (%) of Co-localized VE-cadherin and
P120 immunofluorescence area:

Above Strut = 83.42, Between Strut = 83.08.

Percentage (%) of Evan's Blue positive area = 38.39

FIG. 13A

**FIG. 13B****#1325 Rt Iliac – Xience**

Percentage (%) of Co-localized VE-cadherin and P120 immunofluorescence area:

Above Strut = 48.37, Between Strut = 48.14,

Percentage (%) of Evan's Blue positive area = 55.23

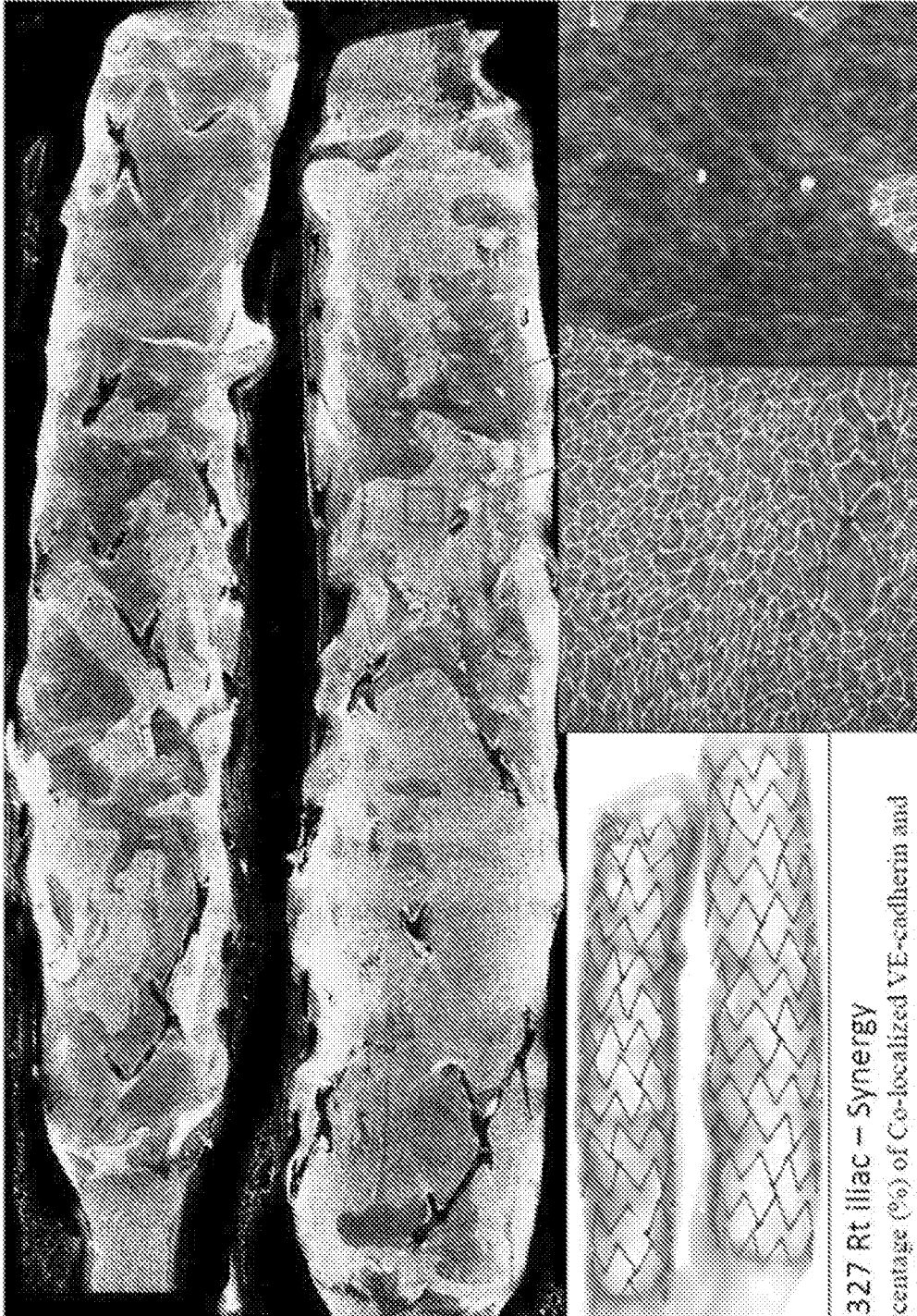


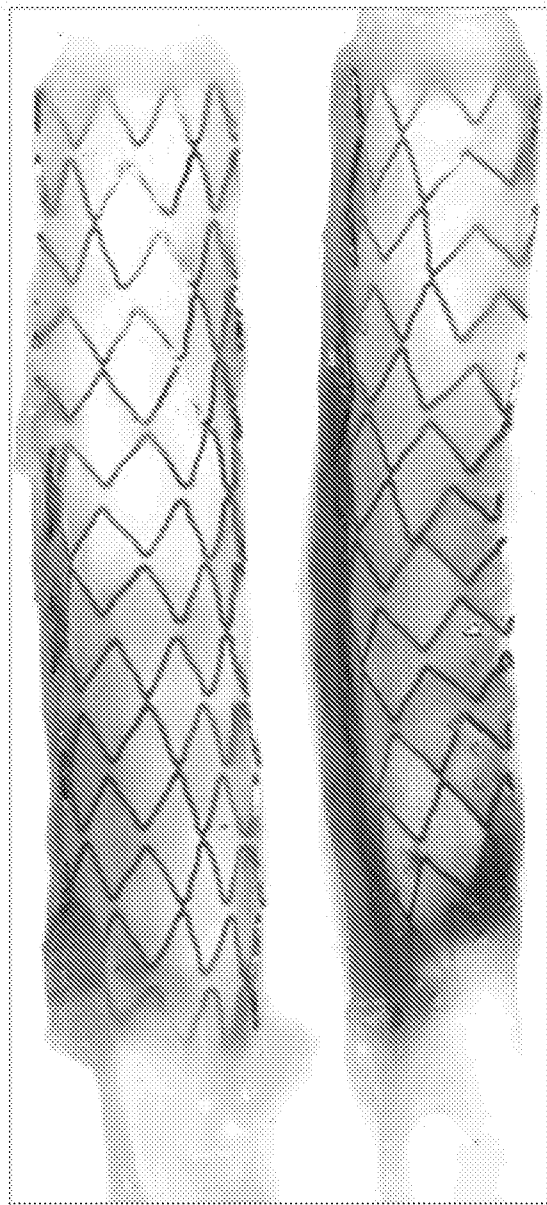
FIG. 13C

**45 Day VE-cadherin
VE-Cadherin and P120 Immunofluorescence Staining**

Percentage of EC Barrier Protein Expression			
Stent Type	Above Struts	P Value	Between Struts
BuMA Supreme N = 5	60.77 ± 34.46	0.014	59.35 ± 34.27
Xience N = 4	37.09 ± 21.88		36.46 ± 20.7
Synergy N = 5	42.99 ± 23.75		46.29 ± 24.39
Vision N = 4	97.81 ± 3.74		98.07 ± 2.88

FIG. 13D

GROSS IMAGES OF EVAN'S BLUE UPTAKE

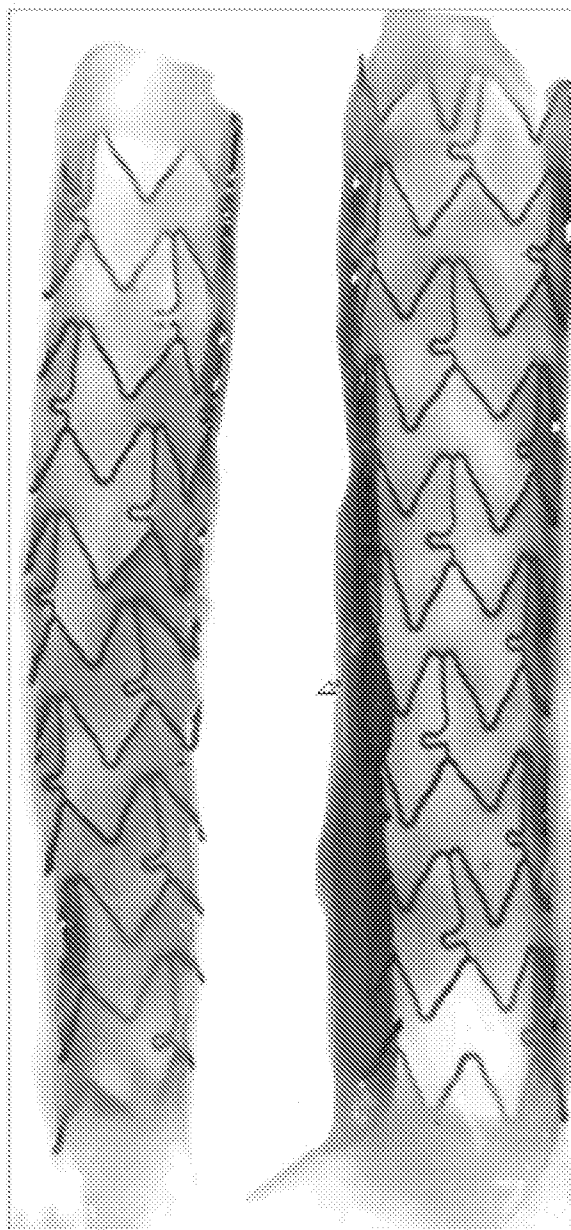


#1313 Rt iliac ~ BuMA

Percentage (%) of Evan's Blue
positive area = 23.21

FIG. 14A

GROSS IMAGES OF EVAN'S BLUE UPTAKE

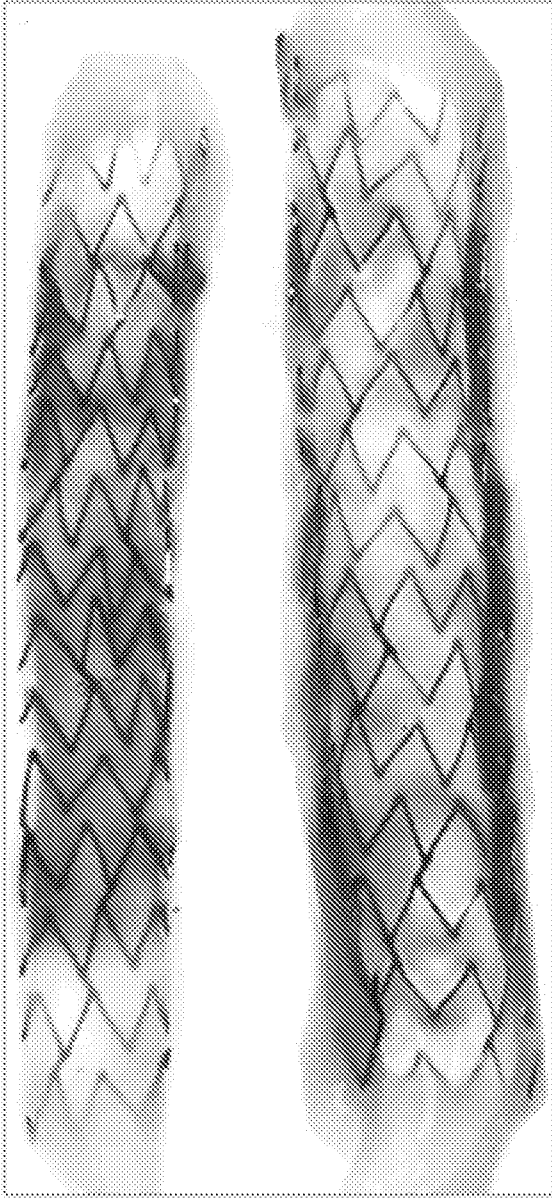


#1313 Lt lilac -- Xience

Percentage (%) of Evan's Blue
positive area = 42.95

FIG. 14B

GROSS IMAGES OF EVAN’S BLUE UPTAKE



#1314 Rt Iliac – Synergy
Percentage (%) of Evan’s Blue
positive area = 41.79

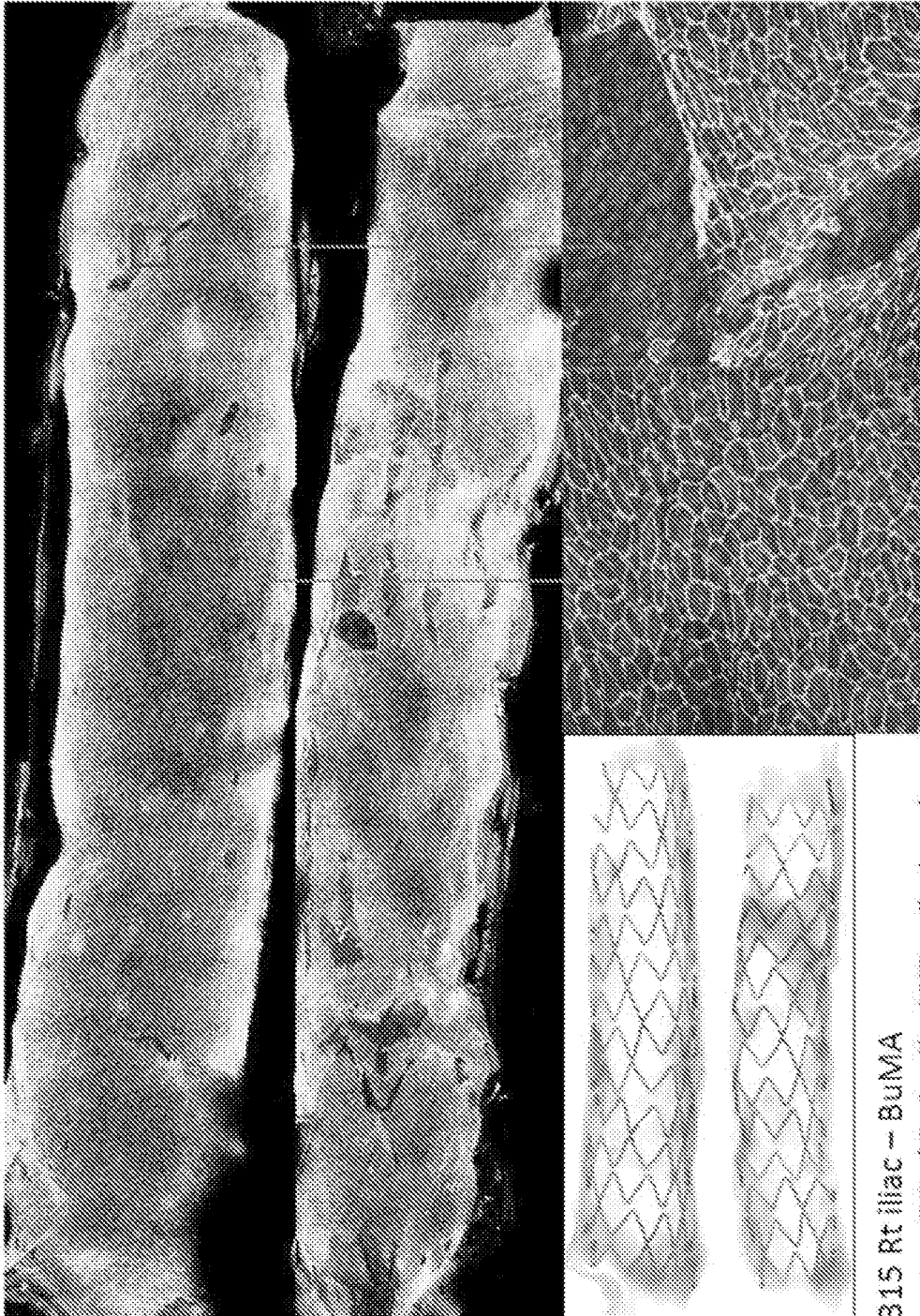
FIG. 14C

Assessment of Endothelial Barrier Function – Evan’s Blue Uptake

Table 3. Mean percentage (%) of Evan’s Blue positive area by visual examination from both stent halves, normalized to total stented area (90 days)

Stent Type	Combined stent halves [Evan’s Blue Uptake %]
BuMA Supreme N = 6	22.89 ± 8.25
Xience N = 5	39.41 ± 12.5
Synergy N = 5	31.11 ± 20.62
Vision N = 6	6.6 ± 4.67

FIG. 14D

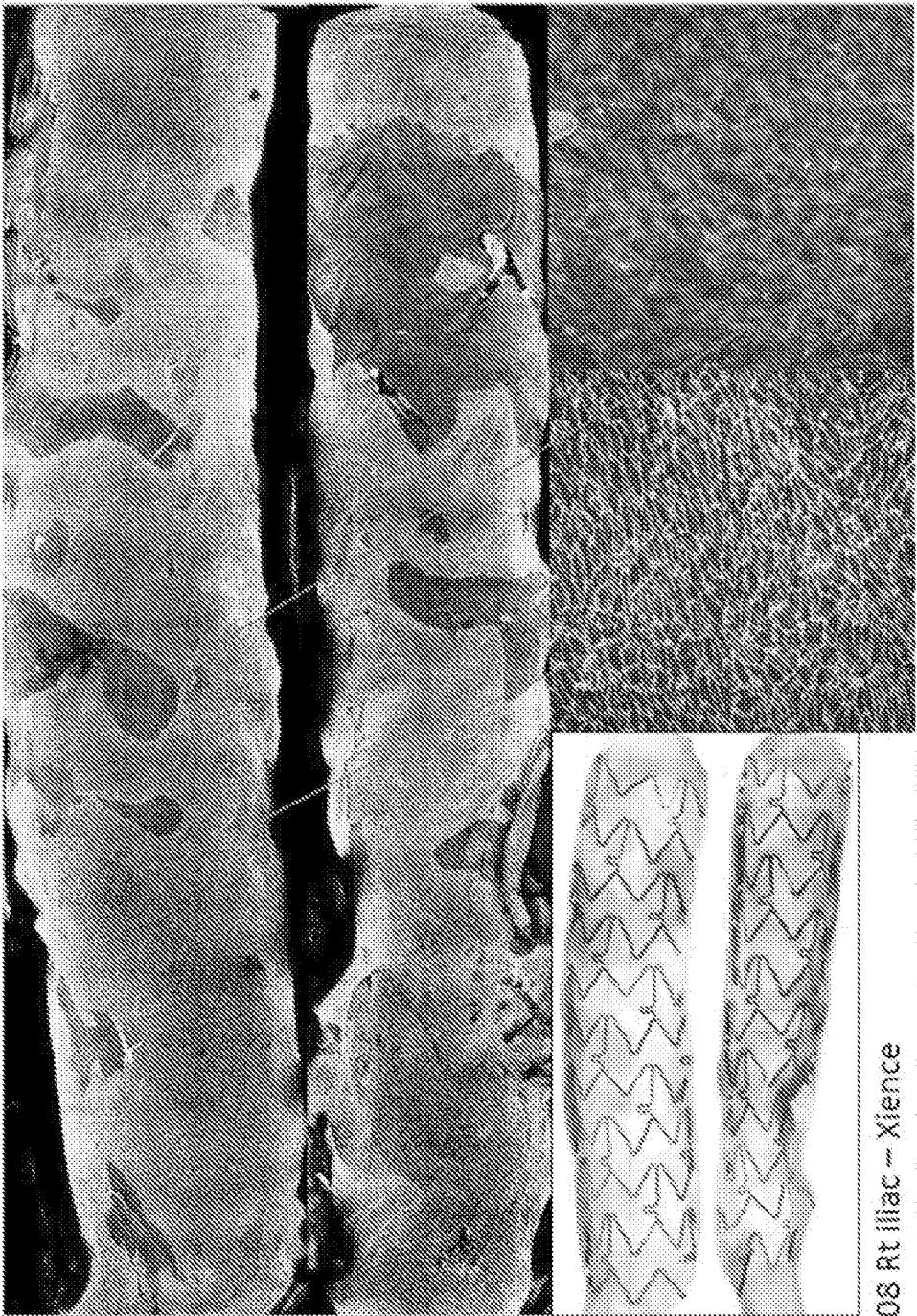
**#1315 Rt iliac – BuMA**

Percentage (%) of Co-localized VE-cadherin and P120 immunofluorescence area:

Above Strut = 98.78, Between Strut = 98.58.

Percentage (%) of Evan's Blue positive area = 10.0

FIG. 15A



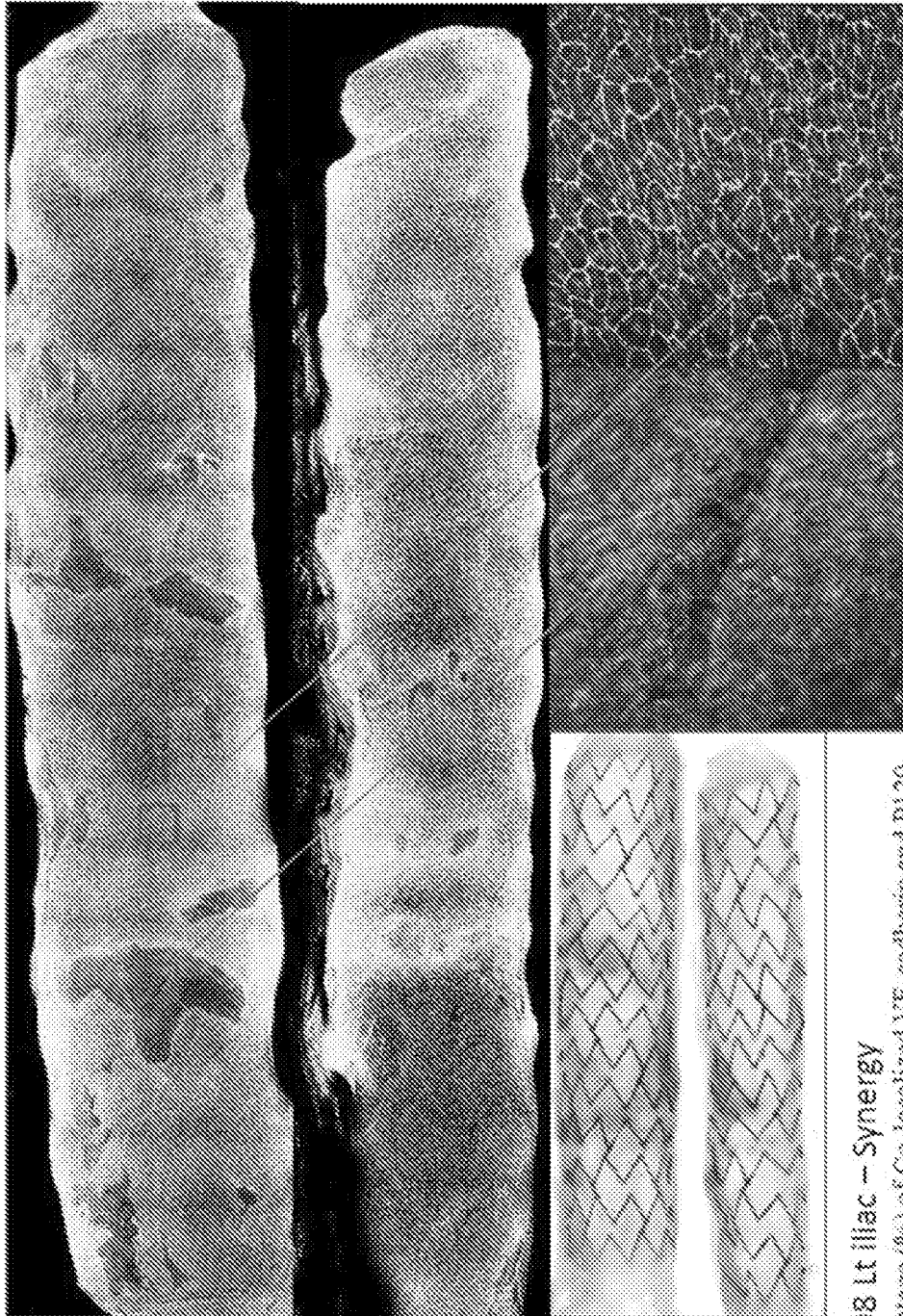
#1308 Rt iliac – Xience

Percentage (%) of Co-localized VE-cadherin and P120 immunofluorescence area:

Above Strut = 79.7, Between Strut = 79.95.

Percentage (%) of Evan's Blue positive area = 18.18

FIG. 15B

**#1308 Lt iliac – Synergy**

Percentage (%) of Co-localized VE-cadherin and P120 immunofluorescence area:

Above Strut = 95.07, Between Strut = 95.34.

Percentage (%) of Evan's Blue positive area = 6.96

FIG. 15C

Dual IHC for Endothelial Coverage with Confocal Microscopy Analysis

Assessment Endothelial Cell Barrier Function by VE-cadherin and P120

Immunofluorescence Staining (90 days)

Table 3. Mean percentage (%) of Co-localized VE-cadherin and P120 immunofluorescence area (μm2) above and between struts relative to total stented area (μm2). Data collected from both halves of each stent

	Percentage of EC Barrier Protein Expression		
Stent Type	Above Struts	Between Struts	
BuMA Supreme N = 6	82.54 ± 20.76	81.56 ± 22.17	
Xience N = 5	55.73 ± 24.32	56.38 ± 25.79	
Synergy N = 5	80.73 ± 21.62	82.36 ± 20.08	

FIG. 15D