

# Case Report

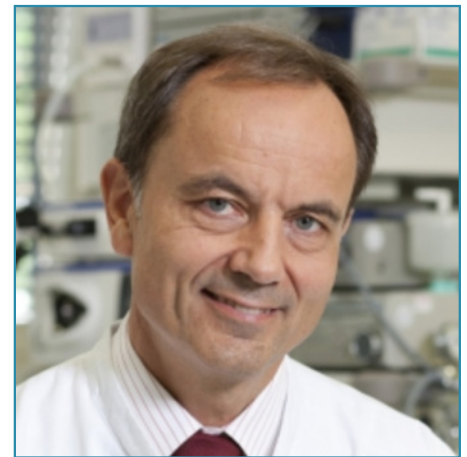
## Prophylaxis for PEP Post-Ampullectomy

IMAGE 2019 Live Endoscopy Course  
Milan, Italy

THE FUTURE IN  
**BIO**DEGRADABLE  
GI PRODUCTS

# ARCHIMEDES

Biodegradable Biliarv and Pancreatic Stent



27 y/o female patient with a history of familial polyposis and prior total colectomy presented with 30 mm papillary adenomatous lesion (image 2) with extension into the third portion of the duodenum.

**Image 1.** Prof. Horst Neuhaus, Director of Endoscopy at the Evangelisches Krankenhaus Düsseldorf

Professor Horst Neuhaus, the Director of Endoscopy at the Evangelisches Krankenhaus Düsseldorf, expertly performed a resection of the adenomatous lesion, as well as an ampullectomy (image 5). An 0.035" floppy tip guidewire was placed into the pancreatic duct without contrast in preparation for stent placement (image 4).



**Image 2.** Endoscopic view of the adenomatous lesion. The papillary orifice can be seen at the 12 o'clock position.



**Image 3.** Endoscopic view of the papillary orifice.



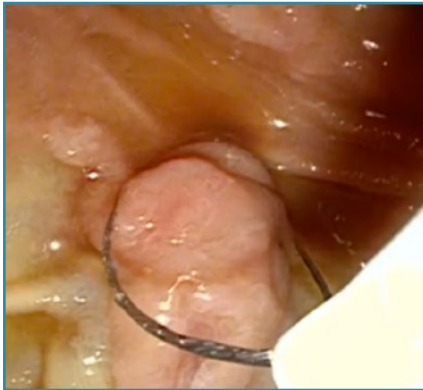
**Image 4.** Endoscopic view of resection of the distal portion of the adenomatous lesion using a snare.

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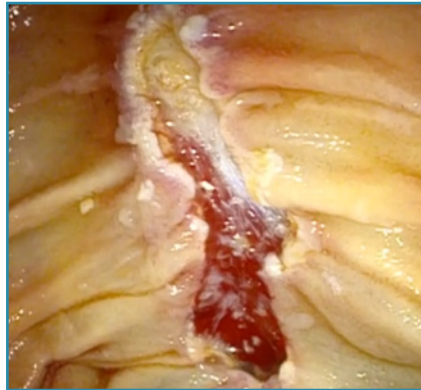
## Prophylaxis for PEP Post-Ampullectomy

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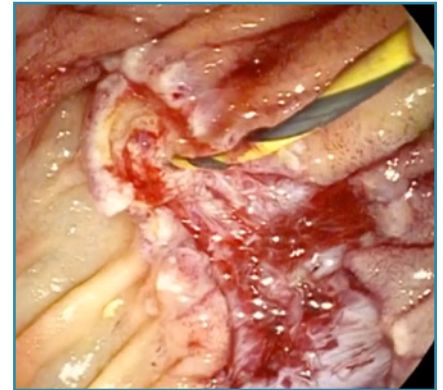
Prof. Neuhaus prepared an **ARCHIMEDES** biodegradable stent per the included instructions for use (IFU) and implanted a 6 F x 6 cm fast degrading pancreatic stent, over-the-wire, into the pancreatic duct with complete ease and technical success (image 8 & 9).



**Image 5.** Endoscopic view of the ampullectomy utilizing a snare.

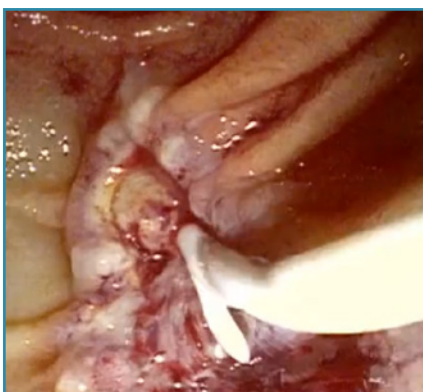


**Image 6.** Endoscopic view of the resected adenomatous lesion and ampulla.

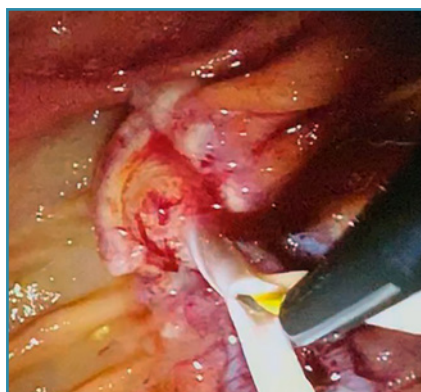


**Image 7.** Guidewire inserted into the pancreatic duct.

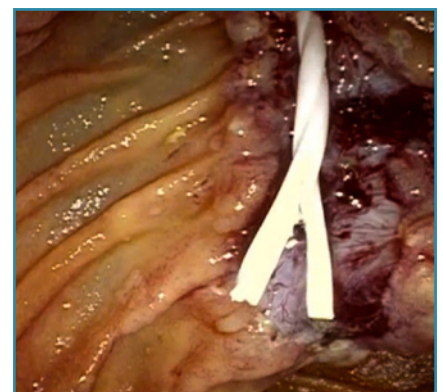
The distal (split tail) portion of the **ARCHIMEDES** full biodegradable pancreatic stent was left out in the duodenum (image 10) and the case was concluded without further issue.



**Image 8.** **ARCHIMEDES** biodegradable pancreatic stent being insert over-the-wire into the pancreatic duct.



**Image 9.** **ARCHIMEDES** biodegradable pancreatic stent seen being pushed into its final position. Note the split tail design of the 6 F pancreatic stent.



**Image 10.** **ARCHIMEDES** biodegradable pancreatic stent in final position. Note the helical design visible on the body of the stent.

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CCR\_ABS\_010  
Rev.01 02-2020