BIODEGRADABLE

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CREATING VALUE BY HELPING PEOPLE

ARCHIMEDES

Biodegradable Biliary and Pancreatic Stent

BIODEGRADABLE SOLUTIONS

REDUCE PLASTIC WASTE

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Endotherapeutics
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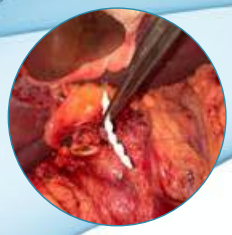
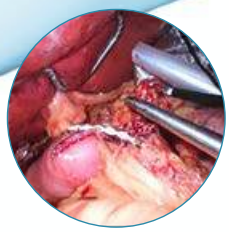
CE MARK APPROVED

Endoscopic

Percutaneous

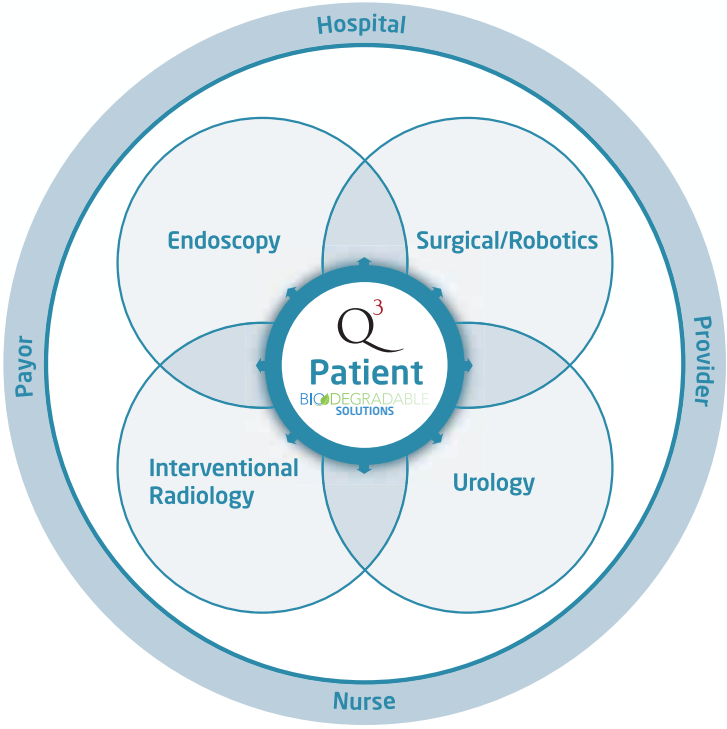


Open Hepatobiliary & Transplant Surgery



Laparoscopic Surgery

Robotic Surgery



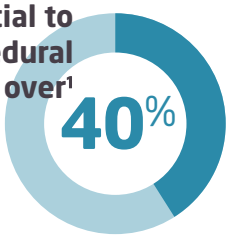
ARCHIMEDES

Biodegradable Biliary and Pancreatic Stent

The **ARCHIMEDES** stent is a **Biodegradable Biliary** and **Pancreatic** stent intended to be used to drain obstructed biliary or pancreatic ducts. The patented **Dual Drainage Design** Helical of the stent **allows for bile to flow** on the outer surface of the device while supporting the opening of the lumen.

Developed and designed to be placed **endoscopically**, **percutaneously**, or **surgically**, either open or **laparscopic surgery**, the **ARCHIMEDES** provides a flexible and innovative solution that can **help reduce complications and the costs associated with them** by **removing the need for unnecessary additional clinical interventions**.

Potential to reduce procedural costs by over[1]

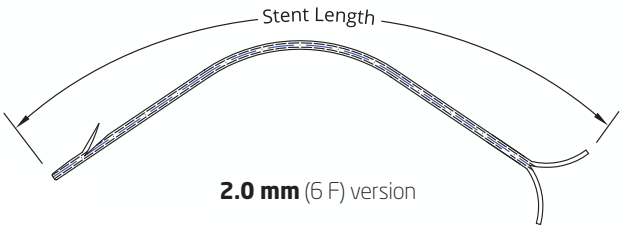


1. *2019 Frost & Sullivan Independent Market Research Report.*
2. *The different degradation profiles are designed for obstructed biliary or pancreatic ducts with various underlying diseases.*
3. ***Minimal Strength Retention** is defined by the presence of **at least 10% of an initial strength parameter**. The Stent remains **intact** with **no breaks**, tested in a simulated degradation model.*

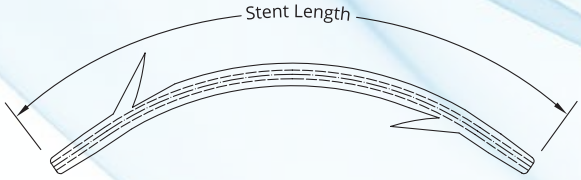
DEGRADATION PROFILES

Recommendation for the use of ARCHIMEDES stent degradation profiles to potential underlying diseases

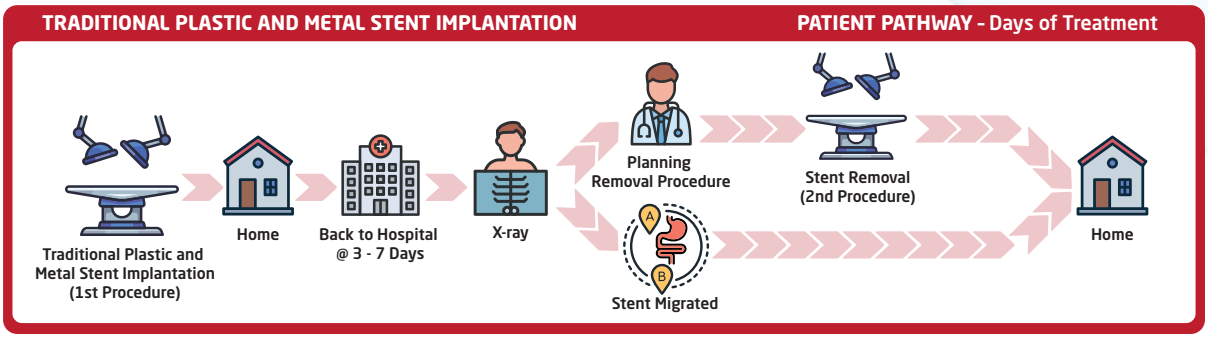
Stent Degradation Profiles[2]	Minimal Strength Retention[3]	Underlying diseases with obstructed biliary duct	Underlying diseases with obstructed pancreatic duct
FAST degrading stent	**12 days**	• Cholelithiasis / Choledocholithiasis • Acute biliary pancreatitis • Cholangitis • Modified anatomy procedures involving biliary and pancreatic ducts such as liver transplants, Whipples and alike	• Post ERCP pancreatitis • Acute pancreatitis
SLOW degrading stent	**11 weeks**	• Cholelithiasis / Choledocholithiasis • Benign biliary strictures • Malignant strictures • Biliary leaks • Cholangitis • Modified anatomy procedures involving biliary and pancreatic ducts such as liver transplants, Whipples and alike	• Chronic pancreatitis • Pancreatic duct strictures

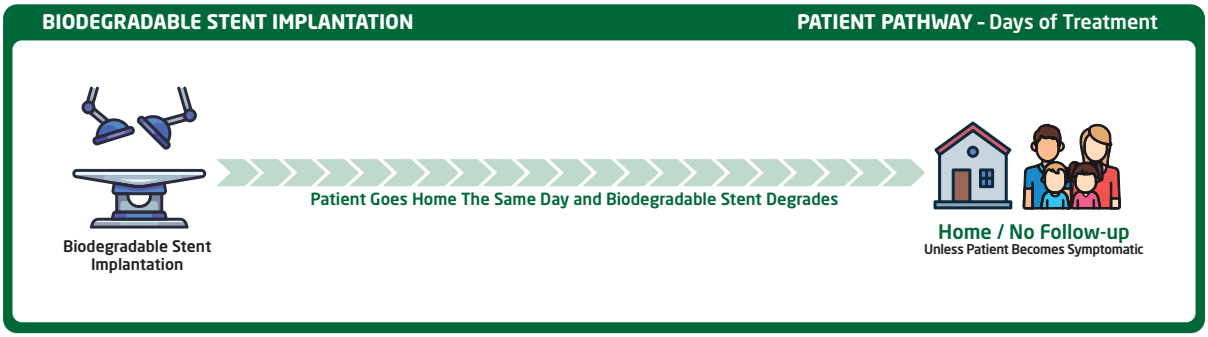


2.0 mm (6 F) version



2.6 mm (~8 F) and **3.4 mm** (~10 F) version





Indication: **Pancreatic Stent For PEP Prophylaxis**. Data from Dr. Andreas Maieron report at https://www.sciencedirect.com/science/article/pii/S1590865822008593

BIODEGRADABLE SOLUTIONS

ARCHIMEDES Biodegradable Biliary and Pancreatic Stent

NOW FULLY REBATED

Fast degrading stent* 12 days

Suggested Indications

Underlying diseases with obstructed biliary duct
- Cholelithiasis / Choledocholithiasis
- Acute biliary pancreatitis
- Cholangitis

Underlying diseases with obstructed pancreatic duct
- Post ERCP pancreatitis
- Acute pancreatitis

2 mm Diameter (6 F)

Product code	Length (mm)
BPS20040F#	40
BPS20060F#	60
BPS20080F#	80
BPS20100F#	100

2.6 mm Diameter (~8 F)

Product code	Length (mm)
BPS26040F^	40
BPS26060F^	60
BPS26080F^	80
BPS26100F^	100
BPS26125F^	125

3.4 mm Diameter (~10 F)

Product code	Length (mm)
BPS34040F^	40
BPS34060F^	60
BPS34080F^	80
BPS34100F^	100
BPS34125F^	125

Slow degrading stent* 11 weeks

Suggested Indications

Underlying diseases with obstructed biliary duct
- Cholelithiasis / Choledocholithiasis
- Benign biliary strictures
- Malignant strictures
- Biliary leaks
- Cholangitis

Underlying diseases with obstructed pancreatic duct
- Chronic pancreatitis
- Pancreatic duct strictures

2 mm Diameter (6 F)

Product code	Length (mm)
BPS20040S#	40
BPS20060S^	60
BPS20080S^	80
BPS20100S^	100

2.6 mm Diameter (~8 F)

Product code	Length (mm)
BPS26040S#	40
BPS26060S#	60
BPS26080S#	80
BPS26100S#	100
BPS26125S^	125

3.4 mm Diameter (~10 F)

Product code	Length (mm)
BPS34040S^	40
BPS34060S#	60
BPS34080S#	80
BPS34100S#	100
BPS34125S#	125

** PLEASE NOTE that the suitable degradation profile of the stent to treat the obstructed biliary or pancreatic duct must be chosen by a clinical professional, always taking the underlying disease and the condition of the individual patient into account.*

The product official name is ARCHIMEDES BPS Biodegradable Pancreaticobiliary Stent

 # Stock item

^ 5-6 week minimum lead time

INTENDED USE / INDICATION: This device is used to drain obstructed biliary or pancreatic ducts and is indicated for obstructed biliary or pancreatic ducts.

Instructions For Use:

1. Ensure full extension of anti-migration struts.
2. Load introducer sleeve over one end of stent.
3. Introduce introducer sleeve and stent onto a pre-positioned guidewire advancing pushing catheter in 1-2 cm increments until the stent is in desired position. For modified anatomy procedures intraoperatively, position stent manually.
4. Fluoroscopically, radiographically and or endoscopically confirm desired stent position. Inject contrast, if desired, to fluoroscopically visualize stent position.
5. After confirming stent position, gently remove guidewire from endoscope, if applicable, while maintaining position of the stent with pushing catheter.
6. Gently remove pushing catheter from accessory channel, if applicable.

CHECK OUT OUR BIODEGRADABLE VIDEO

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