Q3 Medical GROUP

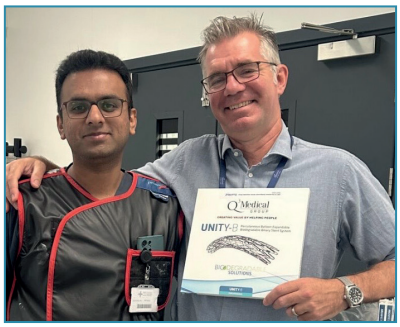
CREATING VALUE BY HELPING PEOPLE

Case Report

BIODEGRADABLE SOLUTIONS

Use of UNITY-B stent to manage Mirizzi Syndrome

Newport, Wales, United Kingdom



Dr Marek Czajkowski,
Aneuran Bevan University Health Board,
Royal Gwent Hospital, Newport, Wales

UNITY-B

Endoscopic Balloon Expandable Biodegradable Biliary Stent System

A 54 year old female patient had been admitted with jaundice secondary to Mirizzi syndrome approximately one year prior. ERCP initially failed to cross the stricture and she was taken to surgery. At laparoscopy a stent was placed across the stricture into the CBD but this did not cross the ampulla. Due to bleeding and bile leakage the patient was referred for cholangioscopy to remove the inwardly migrated stent and for management of the stricture at the common hepatic duct.

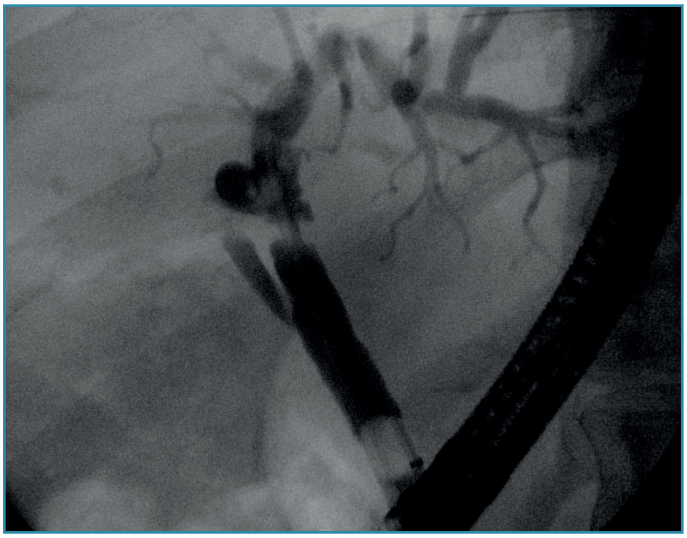


Image 1. Short stricture visible in CHD

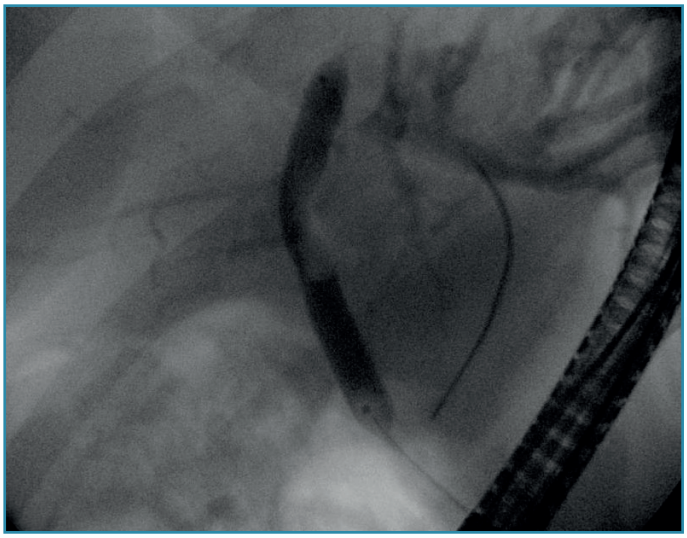


Image 2. Stricture post dilatation

TERCP and cholangioscopy was carried out. The inwardly migrated stent was removed. Cholangioscopy was used to image the stricture, take biopsies and exclude intrahepatic stones. THe stricture was dilated using an 8 mm biliary balloon to allow passage of the cholangioscope.

Case Report

Use of UNITY-B stent to manage Mirizzi Syndrome

Newport, Wales, United Kingdom

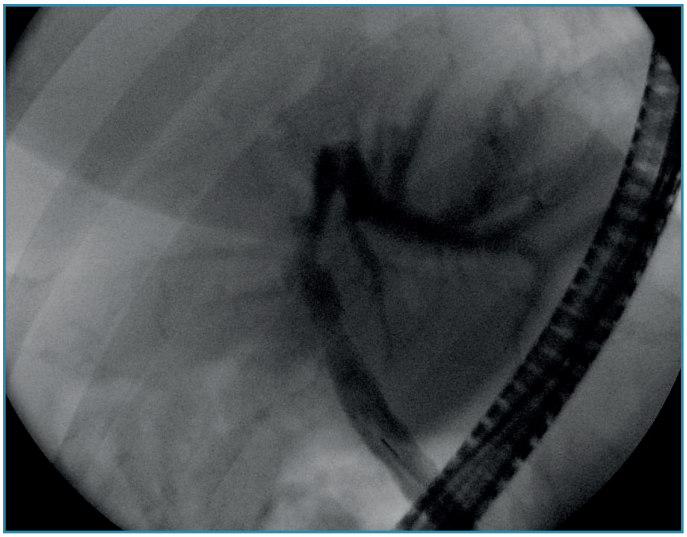


Image 3. Stricture resolution following deployment of UNITY-B into CHD

A fast degrading UNITY-B stent was placed through the endoscope under radiological guidance across a 2 cm stricture which had been pre-dilated using 8 mm intrabiliary dilatation balloon. Once in position the stent was dilated to 8 mm and held for 1 minute. Position was verified and further cholangioscopy confirmed the passage of contrast through the strictured segment.

Radiological images were suboptimal due to imaging equipment being used. Confirmation of position of UNITY-B stent was difficult as markers are small, however stent was placed correctly.

Patient was reviewed 3 months post procedure and has to date not been readmitted with jaundice 7 months post procedure.

Conclusion

The use of the UNITY-B biodegradable stent in this scenario, where the patient was transferred from a neighboring hospital, reduced (and may negate) the need for follow up procedures, transfers and organisational time.

GERMANY

CE 1434

Q3 Medical GROUP

Q3 MEDICAL GROUP
20 HOLLES STREET | DUBLIN 2 | IRELAND
PHONE +49 4171 6578 0 | WWW.Q3MEDICAL.COM

CREATING VALUE BY HELPING PEOPLE

CCR_BD_GI_UTB-E_013
- UNITY-B to manage Mirizzi Syndrome - 2026-04
Made in Germany