

# Safety and efficacy of biodegradable biliary and pancreatic stents

ACTRN12621001534875

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<b>Status</b>	RECRUITING
<b>Sponsor</b>	Royal Prince Alfred Hospital
<b>Enrollment</b>	60 participants

## Plain Language Summary

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When the bile duct or pancreatic duct becomes blocked — for example after a liver transplant or after keyhole surgery on the bile duct — doctors often place a stent to keep the duct open while it heals. Currently, these stents are made of plastic or metal and must be removed in a separate endoscopy procedure. This study is testing a brand-new type of stent made from biodegradable material that dissolves on its own over time, eliminating the need for a removal procedure.

The stent being tested is called ARCHIMEDES and will be used in three patient groups: those with bile duct narrowing after a liver transplant, those with narrowing after a surgical join between the bile duct and intestine, and those needing a temporary pancreatic stent to prevent complications after an ERCP procedure.

You may be eligible if you are 18 or older and need an ERCP procedure for bile duct or pancreatic duct problems, or require a pancreatic stent for preventive purposes. People who are pregnant, whose duct cannot be reached with a guidewire, have malignant (cancerous) strictures, or are on blood-thinning medications that cannot be paused are not eligible.

## Key Eligibility Criteria

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### Inclusion (8)

- Clinical criteria (1 required)
- A. Patients with clinical indication for ERCP with a duct to duct anastomotic stricture or Hepaticojejunal stricture
- Or
- B. Those requiring pancreatic duct stent placement for post ERCP pancreatitis prophylaxis.
- Other criteria:  
... and 3 more (see full listing online)

### Exclusion (8)

- Contra-indication for endoscopy
- Pregnancy
- Patients who had undergone any treatment to the stricture in the last 6 months
- Inability to pass a guidewire through stricture
- Malignant stricture  
... and 3 more (see full listing online)

## Locations (1 total)

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Royal Prince Alfred Hospital - Camperdown, NSW, Australia

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12621001534875>

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