





















	Presentation	Etiology	Procedure
Patient	Flank pain	Celiac artery	Aorto- to-hepatic bypass w Dacron graft and
1	(non-ruptured)	occlusion with MALS	resection of 2 PDA aneurysms
Patient 2	Abdominal pain (non- ruptured)	Celiac artery stenosis with MALS	PDA coiling with SMA stent graft exclusion via brachial approach
Patient 3	Abdominal pain (ruptured) Unstable	Celiac artery occlusion with MALS	Open ligation of PDA/GDA aneurysm
Patient 4	Asymptomatic (incidental finding on F/U Onc imaging surveillance)	Replaced R hepatic artery	Open ligation of aneurysm; SMA-to- Hepatie bypass w <u>Gelsoft</u> graft
Patient 5	Asymptomatic (Incidental finding on Chest CT for pulm symptoms)	Unclear etiology	PDA coil embolization via brachial artery approach
Patient 6	Abdominal pain (ruptured)	Unclear etiology	PDA coil embolization with SMA stent graft via brachial approach
Patient	Asymptomatic	Unclear etiology	Open inferior PDA aneurysm resection

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open bypass or stent graft maintain flow to hepatic artery	
ischemia if poor GD/PD artery collateral circulation -	
4) Selective revascularization: patients at high risk for	
3) Endovascular $Rx = first line option when possible$	
artery occlusion or stenosis secondary to MALS	
2) Majority (2/3) of patients with PDAs have celiac	
1) Any size should be repaired = propensity for rupture	
4 Teaching Points	
GDA (gastroduodenal aneurysm)	
PDA (pancreaticoduodenal aneurysm) =	