

Materials List for

Robotic Pancreatoduodenectomy for Pancreatic Head Cancer: a Case Report of a Standardized Technique

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Materials

Name	Company	Catalog Number	Comments
Sutures:			
Internal pancreatic duct stent (12cm) 4 Fr Hobbs stent	Hobbs medical		
PDS, RB-1, 8cm 5-0 x6; Z320: taper point. ½ circle 13/17mm	Ethicon	Z320	
Silk, SH, 18cm 2-0 x5; C016D: taper point, ½ circle 26mm	Ethicon	C016D	
Straight needle Monocryl	Ethicon	Y523H	For retraction lig. teres
Vicryl suture without needle 60cm	Ethicon	e.g. D7818	For measuring distance HJ-G
V-loc L0803: taper point, ½ circle 17mm, CV-23, 15cm 4-0	Medtronic	L0803	In case of thick wall, dilated bile duct x2
Instruments laparoscopy:			
Autosuture Endo Clip applier 5 mm	Covidien	176620	
ECHELON FLEX ENDOPATH 60mm Stapler	Ethicon		Powered surgical stapler with gripping surface technology
o White filling 60mm x2 (for transection of jejunum, gastroduodenal artery)	Ethicon	GST60W	
o Black filling 60mm (for transection of stomach)	Ethicon	GST60T	
Endo Catch II Pouch 15mm	Covidien	173049	Bag for specimen extraction. For single lymph node extractions a cut off finger surgical glove can be used.
LigaSure Dolphin Tip Laparoscopic Sealer/Divider	Medtronic	LS1500	Dolphin-nose tip sealer and divider, 37 cm shaft
Mediflex retractor liver	Mediflex		

Set of laparoscopic bulldog clamps	Aesculap		This set consists of several bulldog clamps (of different shape and size) with dedicated laparoscopic instruments to be used to apply and remove the clamps
Instruments robot:			
Cadiere x2 (470049)	Intuitive Surgical	470049	
Endoscope 30° (470026)	Intuitive Surgical	470026	
Fenestrated Bipolar Forceps (470205)	Intuitive Surgical	470205	
Hot Shears, Monopolar Curved Scissors (470179)	Intuitive Surgical	470179	
Large Needle Driver x 1 (470006)	Intuitive Surgical	470006	
Medium hem-o-lok Clip applier	Intuitive Surgical	470327	
Permanent Cautery Hook (470183)	Intuitive Surgical	470183	
Suture Cut Needle Driver x1 (470296)	Intuitive Surgical	470296	
Other:			
Hem-o-lok Clips MLX	Weck Surgical Instruments, Teleflex Medical, Durham, NC	544230	Vascular clip 3mm - 10mm Size Range
Hem-o-lok Clips XI	Weck Surgical Instruments, Teleflex Medical, Durham, NC	544250	Vascular clip 7mm - 16mm Size Range
Medium extraction port (double ring)			
Vessel loops	Omnia Drains	NVMR61	Disposable silicon rubber stripes, typically used to tag relevant anatomical structures