

Understanding Pancreatic Diseases Using Animated Pancreas Patient

Informing Patients for Better Health Outcomes With Visual Formats of Learning

SUPPLEMENTAL DIGITAL CONTENT

SUPPLEMENTARY TABLE 1. Educational Content by Module, Sub-section, Video Type, and Video Title				
Module	Sub-section	Video Type	Video Title	
Understanding Pancreatitis	The Role and Anatomy of the Pancreas	Animations	The Role and Anatomy of the Pancreas	
		Expert Videos	What is the pancreas and what does it do? How can you keep the pancreas healthy?	
		Patient Videos	What did you know about the pancreas before your diagnosis, and what do you know now? What support have you found helpful?	
	Acute Pancreatitis	Animations	Acute Pancreatitis	
		Expert Videos	What is acute pancreatitis and what are its causes and symptoms? How is acute pancreatitis diagnosed? What are some of the consequences of acute pancreatitis?	
		Patient Videos	What is the link between alcohol and acute pancreatitis? What symptoms did you experience that lead to your diagnosis of acute pancreatitis? How was your acute pancreatitis diagnosed? How do you explain acute pancreatitis to your family and friends? After your initial acute pancreatitis attack, did you go back to being symptom free?	
			Animations	Chronic Pancreatitis
			Expert Videos	What is chronic pancreatitis and what are its causes and symptoms? How is chronic pancreatitis diagnosed? What is the link between alcohol, tobacco and chronic pancreatitis?
		Chronic Pancreatitis	Patient Videos	What symptoms lead to your diagnosis of chronic pancreatitis? How was it diagnosed? How do you explain your chronic pancreatitis to family and friends?
	Animations			Exocrine Pancreatic Insufficiency*
	Expert Videos			What is exocrine pancreatic insufficiency (EPI) and what are its causes and symptoms?*
	Exocrine Pancreatic Insufficiency (EPI)		Patient Videos	How is exocrine pancreatic insufficiency (EPI) diagnosed?*
				How is exocrine pancreatic insufficiency (EPI) treated?*
			What were your symptoms of EPI? How was it diagnosed?*	
			How is your EPI treated?*	

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SUPPLEMENTARY TABLE 1. *(Continued)*

Module	Sub-section	Video Type	Video Title		
Management of Pancreatitis	Management and Treatment of Acute Pancreatitis	Animations	Management and Treatment of Acute Pancreatitis		
		Expert Videos	How is acute pancreatitis treated? What are pancreatic cysts and how are they treated? How likely is it that I will have another attack of acute pancreatitis? What can I expect following an attack of acute pancreatitis? Acute Pancreatitis: What foods and beverages should I avoid?		
		Patient Videos	How is your acute pancreatitis treated? What recovery process did you experience following an attack of acute pancreatitis? After an episode of acute pancreatitis, what food and beverages do you eat or try to avoid?		
		Animations	Management and Treatment of Chronic Pancreatitis		
	Management and Treatment of Chronic Pancreatitis	Expert Videos	How is chronic pancreatitis treated? How will I know if I'm not absorbing nutrients well? What is pancreatic enzyme replacement therapy (PERT)? What can I expect following diagnosis of chronic pancreatitis? What are pancreatic stones and how are they treated? Chronic Pancreatitis: What foods and beverages should I avoid?		
		Patient Videos	Why are we seeing increases in pediatric pancreatitis? How is your chronic pancreatitis managed and treated? What role does medication play in your life? What disease progression did you experience after your diagnosis of chronic pancreatitis? What lifestyle modifications did you make? What nutritional changes did you make after your diagnosis of chronic pancreatitis?		
		Signs, Symptoms and Risk Factors	Animations	Pancreatic Cancer: Signs, Symptoms and Risk Factors	
			Expert Videos	What are the symptoms of pancreatic cancer? How can I reduce my risk for developing pancreatic cancer?	
		Pancreatic Cancer	Pathophysiology, Diagnosis and Staging	Patient Videos	
				Animations	Pancreatic Cancer: Pathophysiology, Diagnosis and Staging
Treatment and Outcomes	Expert Videos		How is pancreatic cancer diagnosed? What are the different stages of pancreatic cancer?		
	Patient Videos Animations Expert Videos		Pancreatic Cancer: Treatment and Outcomes How is pancreatic cancer treated? What is "curative treatment" for pancreatic cancer? What is "palliative treatment" for pancreatic cancer? What kinds of surgeries are performed to remove malignant pancreatic cancer tumors?		

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SUPPLEMENTARY TABLE 1. (Continued)

Module	Sub-section	Video Type	Video Title
			What should I expect following surgery to remove a malignant pancreatic cancer tumor? Should I participate in a clinical trial? What new advances are there in the treatment of pancreatic cancer?
	Clinical Trials	Patient Videos Animations Expert Videos	Understanding Clinical Trials What is a clinical trial? Why are clinical trials important? How do clinical trials work? How are they conducted? What are the phases of clinical trials? Who can participate in a clinical trial? Why should a patient join a clinical trial? What are the risks and benefits of volunteering for a clinical trial? What is “informed consent” in a clinical trial? What safeguards are in place to protect patients in clinical trials? What happens if a patient wants to leave a clinical trial? Can patients choose the medications they will receive in a clinical trial? What is a “Placebo” in a clinical trial and is it always used? How will I find out about the results of a clinical trial? What does “randomized”, “standard of care arm” and “experimental arm” mean in a clinical trial?
Endoscopic Procedures	Understanding ERCP	Patient Videos Animations Expert Videos	Understanding ERCP (Endoscopic Retrograde Cholangiopancreatography) What is endoscopy? What is ERCP? When is ERCP used? How should patients prepare for ERCP? What follow-up care is required after an ERCP? How is ERCP performed? What are the risks of ERCP? What are the benefits of ERCP?
	Understanding EUS-FNA	Patient Videos Animations Expert Videos	Understanding EUS-FNA What is EUS-FNA? When is EUS-FNA used? How should patients prepare for an EUS-FNA? What follow-up care is required after an EUS-FNA? What are the risks and benefits of EUS-FNA?
		Patient Videos	

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SUPPLEMENTARY TABLE 1. *(Continued)*

Module	Sub-section	Video Type	Video Title
Pancreatic Surgery	Pancreatic Surgery	Animations	Understanding Pancreatic Surgery: Benefits, Risks, and Relevant Anatomy
Nutrition and PERT	Role and Benefits of Pancreatic Enzyme Replacement Therapy (PERT)	Expert Videos	Understanding Nutrition and the Role and Benefits of PERT Exocrine Pancreatic Insufficiency*
		Patient Videos	
		Animations	
		Expert Videos	What is exocrine pancreatic insufficiency (EPI) and what are its causes and symptoms?*
			How is exocrine pancreatic insufficiency (EPI) diagnosed?*
			How is exocrine pancreatic insufficiency (EPI) treated?*
		Patient Videos	What were your symptoms of EPI? How was it diagnosed?*
			How is your EPI treated?*

*Videos available in two locations, user metrics were combined to get single frequency estimate.

SUPPLEMENTARY TABLE 2. Optional Feedback Survey Questionnaire

	Response Options
Question	
1. I am a:	- Patient - Family/Caregiver - Healthcare Provider - Other
2. How did you find out about us?	- Doctor - Nurse/Pharmacist - Family/Friend - Internet search - Other
3. If "Other", please describe:	- [Optional input field]
Learner Outcomes Questions	
1. If you are a patient, will the information presented help you better manage your pancreas disease?	- Yes - No - Not applicable
2. Will you discuss any new information learned from this resource with you doctor?	- Yes - No - Not applicable
3. Will you discuss any treatments or management interventions with your doctor?	- Yes - No - Not applicable
4. General information about pancreas diseases:	- I learned a lot - I learned some new information - I didn't learn anything new - Not applicable
5. Information about treatment options for pancreas diseases:	- I learned a lot - I learned some new information - I didn't learn anything new - Not applicable
6. Information about surgery for pancreas diseases:	- I learned a lot - I learned some new information - I didn't learn anything new - Not applicable
