

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?
			Chronic Pancreatitis
	Chronic Pancreatitis	Animations	What is chronic pancreatitis and what are its causes and symptoms?
		Expert Videos	How is chronic pancreatitis diagnosed? What is the link between alcohol, tobacco and 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?
	Exocrine Pancreatic Insufficiency (EPI)	Animations	Exocrine Pancreatic Insufficiency*
		Expert Videos	What is exocrine pancreatic insufficiency (EPI) and what are its causes and symptoms?*
		Patient Videos	How is exocrine pancreatic insufficiency (EPI) diagnosed?*
			How is exocrine pancreatic insufficiency (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
		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?
	Management and Treatment of Chronic Pancreatitis	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?
		Patient Videos	Pancreatic Cancer: Pathophysiology, Diagnosis and Staging
		Animations	How is pancreatic cancer diagnosed? What are the different stages of pancreatic cancer?
Pancreatic Cancer	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?
		Patient Videos	Pancreatic Cancer: Pathophysiology, Diagnosis and Staging
	Pathophysiology, Diagnosis and Staging	Animations	How is pancreatic cancer diagnosed? What are the different stages of pancreatic cancer?
		Expert Videos	How is pancreatic cancer diagnosed? What are the different stages of pancreatic cancer?
		Patient Videos	Pancreatic Cancer: Treatment and Outcomes
	Treatment and Outcomes	Animations	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?
		Expert Videos	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
	Clinical Trials	Patient Videos Animations Expert Videos	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?
			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?
Endoscopic Procedures	Understanding ERCP	Patient Videos Animations Expert Videos	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?
			Understanding ERCP (Endoscopic Retrograde Cholangiopancreatography)
			What is endoscopy?
	Understanding EUS-FNA	Patient Videos Animations Expert Videos	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
			What is EUS-FNA?
			When is EUS-FNA used?
		Patient Videos	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?

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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	
		Patient 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?*
			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

Question	Response Options
1. I am a:	<ul style="list-style-type: none">- Patient
	<ul style="list-style-type: none">- Family/Caregiver
	<ul style="list-style-type: none">- Healthcare Provider
	<ul style="list-style-type: none">- Other
2. How did you find out about us?	<ul style="list-style-type: none">- Doctor
	<ul style="list-style-type: none">- Nurse/Pharmacist
	<ul style="list-style-type: none">- Family/Friend
	<ul style="list-style-type: none">- Internet search
	<ul style="list-style-type: none">- Other
3. If "Other", please describe:	<ul style="list-style-type: none">- [Optional input field]
Learner Outcomes Questions	
1. If you are a patient, will the information presented help you better manage your pancreas disease?	<ul style="list-style-type: none">- Yes
	<ul style="list-style-type: none">- No
	<ul style="list-style-type: none">- Not applicable
2. Will you discuss any new information learned from this resource with you doctor?	<ul style="list-style-type: none">- Yes
	<ul style="list-style-type: none">- No
	<ul style="list-style-type: none">- Not applicable
3. Will you discuss any treatments or management interventions with your doctor?	<ul style="list-style-type: none">- Yes
	<ul style="list-style-type: none">- No
	<ul style="list-style-type: none">- Not applicable
4. General information about pancreas diseases:	<ul style="list-style-type: none">- I learned a lot
	<ul style="list-style-type: none">- I learned some new information
	<ul style="list-style-type: none">- I didn't learn anything new
	<ul style="list-style-type: none">- Not applicable
5. Information about treatment options for pancreas diseases:	<ul style="list-style-type: none">- I learned a lot
	<ul style="list-style-type: none">- I learned some new information
	<ul style="list-style-type: none">- I didn't learn anything new
	<ul style="list-style-type: none">- Not applicable
6. Information about surgery for pancreas diseases:	<ul style="list-style-type: none">- I learned a lot
	<ul style="list-style-type: none">- I learned some new information
	<ul style="list-style-type: none">- I didn't learn anything new
	<ul style="list-style-type: none">- Not applicable