

MEDICAL MIRACLES: Digestive Diseases

SUBMITTED VERSION A

6/8/06

TIMED.....TO 28:26

Medical Miracles: Digestive Diseases

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	<u>VIDEO</u>	<u>AUDIO</u>	
	SEGMENT 1	SEGMENT 1	
1	Graphic: CCF Disclaimer	(ANNOUNCER'S VOICE) The following program is sponsored by the Cleveland Clinic.	:10
2	<i>OPENING MONTAGE GRAPHICS</i>	<i>MUSIC UP</i>	:06
3	Beating heart...	(MONICA'S VOICE) Taken for granted... - heart beat -	:05
4	Montage of pictures... Showing stages of life...	(MONICA'S VOICE) The mechanisms of the human body. - heart beat -	:05
5	Kathy Simpson on Camera		:03
6	Montage of Doctors at work	(MONICA'S VOICE) .	:06
7	Dr. Svensson on camera		:04
8	Shots of patients	(MONICA'S VOICE) These are the stories of patients with the desire, to live life . - heart beat -	:06
9	Kristin on camera		:05 065911-H4
10	EKG machine	(MONICA'S VOICE)	:04
11	Healthy patient	(MONICA'S VOICE)	:02

12	Dr. Topol on camera		:07 000934-H24
13	Montage of patients with doctors.		:04
14	Sheldon on camera		:09 012826-H11
15		MUSIC SWELLS (TITLE)	:05
16	Monica on camera, outdoors in Garden like setting	(MONICA ON CAMERA) Hello, I'm Monica Robins, welcome to another addition of Medical Miracles.	:27
	Super: Monica Robins WKYC Health Anchor	There are a lot of things in life we assume will always be the same. Some of those things include the reliability of our own digestive system.	
	DISSOLVE TO:		
	Futuristic medical setting...	Our show today will show how a life may stumble from the complications of a digestive disease. And demonstrate how physicians, nurses and surgeons can pick a patient up and lead them back to the lives they were living.	
		MUSIC UP	
17	Marge on camera Super: Marge Gatto	MARGE: "Joe has always had some sort of indigestion, you know, taking Tums since we've been married, he's always had Tums by the bed."	
18		(MONICA'S VOICE) Joe Gatto didn't know it, but the gradual increase of his heartburn was a warning sign of far greater threat.	
19	Shots of Buffalo Center	DR. McCULLOUGH: "The most common digestive disease problem is gastro esophageal reflux disease. It affects at least 30% of the patients with some regularity. 60% of the American adult population will hit them sometime in their life."	

- 20 Singing... (MONICA'S VOICE) :02
And it hit Joe hard.
- 21 **JOE GATTO: "It was July 9th I believe, was the date. And I just felt weak, and I went to the bathroom and there was some blood."**
- 22 (MONICA'S VOICE) :
Joe's esophagus had weakened and with a combination of a blood disorder, he was bleeding into his stomach."
- 23 **JOE GATTO: "I had to undergo five and half hours of emergency surgery to do whatever they had to do. Stop the bleeding. And then after that I had seven transfusions."**
- 24 (MONICA'S VOICE) :13
Joe was shocked to learn he had developed Barrett's esophagus. He had no symptoms, he was aware of.
- 25 **DR. DUMOT: "The only signs and symptoms that we know correlate with Barrett's esophagus is long standing acid reflux symptoms. Heart burn and regurgitation."**
- 26 (MONICA'S VOICE)
Joe returned home and was closely watched by his family physician. But, each day, Joe's thoughts drifted off to the silent danger that was in his body.
- 27 . **DR. DUMOT: "Once you have Barrett's esophagus established, then you are going to carry that risk of esophageal cancer for the rest of your life."**
- 28 Dr. Topol on camera **DR. MCCULLOUGH: "The estimates of how common, or how highly likely it is for Barrett's**

esophagus to turn into cancer varies. It may be as low as 1%, it may be as high as 10%. But there is no question, once you get Barrett's, that it is a pre-cancerous condition."

- 29 (MONICA'S VOICE) :03
Joe's esophagus was beginning to show signs that he was developing cancer, and was referred to the Cleveland Clinic.
- 30 Shot of Betty DR. DUMOT: "Joe had a tough case, because his segment of Barrett's is very long, I think 10 or 12 centimeters which is getting close to five inches, six inches." :04
- 31 (MONICA'S VOICE)
Joe was not a candidate for surgery because of a blood disorder that impairs the clotting of his blood. So Joe searched for an alternative. He found a clinical trial at the Cleveland Clinic that gave him hope.
- 32 DR. MCCULLOUGH: "Dr. John Dumot is doing a very novel freezing of the area, liquid nitrogen." :05
- 33 (MONICA'S VOICE) :
Cryogenic ablation is a non-surgical method to repair an esophagus. The procedure features a spray of liquid nitrogen being applied to the damaged areas.
- 34 JOE GATTO: "I have a tattoo in there somewhere, I guess that's their focus, the point they work from and they have to a point, a reference point when they go in. My first tattoo. Which I haven't seen." :
- 35 Steffenson's eating DR. DUMOT: "We can actually see where ware spraying and we can see the cryo-frost, which is like a frost :05

bite, and after we have frozen it for twenty seconds, we stop the spray and let it thaw. And we spray it three times in one area. Once that area is treated, we'll move on to another area.”

- Cut to -

“It freezes and then it thaws. And it is that freeze/thaw, treatment that causes the cells to become damaged and blister within two days. And after it blisters, it sluffs off, hopefully healing back with normal tissue.”

36

(MONICA’S VOICE)

The procedure takes more than one session to effectively treat the entire area.

37

-

(MONICA’S VOICE)

The military developed the cutting-edge procedure and the Cleveland Clinic is the first hospital to be able to offer it to patients.

And Joe Gatto is very happy to be part of the clinical trial.

39

JOE GATTO: “Feel pretty good that you are a part of something that you are able to be there in the forefront in the beginning.”

DR. DUMOT: “What we hope is that we cure the high grade dysplasia or early esophageal cancer if that is the case in other patients. It is that effectiveness is what we are studying now. It is how effective cyro-therapy spray will be.

40

MARGE: “You know Joe has never complained or showed any signs that he has changed. I notice that he seems happier now. I think the burden is off his shoulders of having his esophagus removed but no, same

		old Joe.”	
41		JOE GATTO: “Feel good, actually felt pretty good throughout the procedure. No real after effects, hopefully the healing going on. Feels good.”	
42		MUSIC:	
43		JOE GATTO: “You know when something like this happens, you think about a lot of things in life. Everything sounds a little better.” (BIRDS CHIRP) - cut to- “You never know what is around the corner, you take it every day and you go with the flow.”	
47	DIP TO BLACK	MUSIC FADES OUT	:03
48	CLOSING BUMP UP:	CLOSING BUMP UP:	:02
49	GRAPHIC: Video of Tom Zarlinga Video of Sheldon	(MONICA’S VOICE) Coming up: Tom Zarlinga: “I knew something was wrong, but I didn’t know what?” (MONICA’S VOICE) Sudden intense pain wakes a man to the disease that changes his life. Coleen Potts: “...(crying)..to me Dr. Lavery is a hero...he’s my hero.” (MONICA’S VOICE) A doctor’s former patient joins him and a team of others to revolutionize nursing care.	
50		FADE OUT	:03
		CCF COMMERCIAL	:30

SEGMENT TIME:

52	COMMERICAL BREAK #1	COMMERCIAL BREAK #1	1:02
RUNNING TIME			
53	OPEN BUMP	FADE UP: OPEN BUMP	:06
54	“EKG” pan to Monica Super: Monica Robins WKYC Health Anchor .	(MONICA ON CAMERA) The heart is an incredible organ. But patients, of any age, can have serious heart problems. And when a condition strikes, only an experienced surgeon can calm a family’s fear.	:11
56	Kristin Simpson on camera	KRISTIN: “The doctor here told me that I would essentially drop dead.”	:04 065704-H4
57	Video of Kristin at home	(MONICA’S VOICE) Kristin Simpson was 23 years old, feeling healthy, when she didn’t know what hit her.	:06
58	Kristin Simpson on camera Super: Kristin Simpson	KRISTIN: “I had no idea what was going on and we thought that maybe I had the flu or something like that but, I was too young to really notice these symptoms, and what they really meant.”	:12 064348-H4
59	Kristin at home Object falls in slow motion.	(MONICA’S VOICE) Kristin didn’t realize she was having symptoms of a stroke. Suddenly, she could not hold onto objects, frequently lost her balance and was having trouble breathing.	:10
60	Kristin on camera	KRISTIN: “I banged into a wall I dropped a glass of water because I had no control over my left hand.”	:06 064339-H4
61	Kathy Simpson on camera Super: Kathy Simpson	MOM: “Oh, she was really, really bad. And I said, “That’s it, in the	:06 072921-H5

	Kristin's Mom	morning we are going to the ER and I drove her there."	
62	Video of ICU.	(MONICA'S VOICE) Kristin's mom brought her daughter to the emergency room of her local hospital. The doctors diagnosed her with congestive heart failure, pulmonary edema, and a major stroke. She was immediately admitted to the ICU.	:13
63	Kristin on camera	KRISTIN: "My heart was just taking on...it was under too much stress, you could actually see the beating of it through my chest..."	:09 064801-H4
64	Kathy on camera	MOM: "Watching her chest and her heart beat in the chest, and see it pounding the way it was."	:10 073304-H5
65	Kristin on camera	KRISTIN: "I had trouble breathing, they had an oxygen mask on me, and it was very grim."	:08 064812-H4
66	Kathy on camera	MOM: "But then that doctor said, you know its really very serious, you know she may not make it, through today, I think you better call your family and get them down here. You know, it may be time for them to say goodbye. And that is when I kind of lost it."	:16 073135-H5
67	Kristin on camera	KRISTIN: "I remember the doctor telling me that I could die, and I needed to talk with my family and make amends and that sort of thing and was not pleased. I was rather angry at the doctor for telling me that. Because I didn't think that I was going to die."	:17 064655-H4
68	Sugery video	(MONICA'S VOICE) Kristin's determination helped her face an operation to replace her mitral valve	:10

		and remove any remaining infection. The surgery appeared to be a success.	
69	Kristin with Mom in kitchen	- nat sound in kitchen -	
70	Kristin and Mom in kitchen	(MONICA'S VOICE) While Kristin tried to get back to a normal life, an abscess was developing in her heart.	:06
71	Dr. Svensson on camera Super: Lars G. Svensson, MD, Ph.D. Director, Center for Aortic Surgery Cut to: ANIMATION	DR. SVENSSON: "Behind the right pumping chamber there was a big, a sense "ball", which was the abscess cavity, but contained by the muscle of the left pumping chamber. So behind it there must have been a sort, a size of a small apple."	:20 015816H-1
72	ANIMATION	(MONICA'S VOICE) The abscess was compressing the blood vessels. The blood tissue had thinned and the vessels were ballooning out with each heartbeat.	:07
73	Kristin on camera	KRISTIN: "The concern was over time, I could have major symptoms and if it just blew out, there wouldn't be much hope saving me, because that is that."	:14 065642-H4
74	More ICU video	(MONICA'S VOICE) Kristin's doctors in Dayton believed the additional surgery wasn't urgent. Kristin's mother decided she needed to get a second opinion. When she received the diagnosis from the Cleveland Clinic, she immediately decided to follow their recommendations.	:14
75	Surgery	-natural sound-	
76	Dr. Svensson in surgery	(MONICA'S VOICE) Upon Dr. Lars Svensson's recommendation, Kristin underwent an	:08

intricate procedure to relieve the pressure and repair the abscessed area.

77	ANIMATION	DR. SVENSSON: “We have to be careful in going back in to operate on patients who’ve had previous surgery, because there’s some risk of damaging the heart or other veins and arteries when we go back in. And in her case, we went back in and then exposed this abscess area which was in fact right next to the pumping chamber and we then went in and were able to repair that area.”	:16 015520-H1
79	ANIMATION	DR. SVENSSON: “Just by taking the pressure off of it, it immediately starts getting smaller.”	:07 015910-H1
81	Dr. Svensson on camera	DR. SVENSSON: “The prognosis from the point of view of having this repair now should be excellent.”	:06 015956-H1
82	Kathy Simpson on camera	MOM: “She got a second chance, I mean, really she came as close to dying as you can get.”	:05 074303-H5
84	Classroom – Kristin speaking	-nat sound in classroom -	:02
85	More Classroom video Kathy Simpson on camera.	MOM: “You know she’s back at school. She’s healthy. I mean as far as I’m concerned Dr. Svensson fixed her heart and so now its going to be fine until I’m dead and gone. NO more heart surgery, no more problems. You know its pretty good.”	:14 074236-H5
86	Kristin on camera More home video of classroom	KRISTIN: “The first time around the doctors didn’t expect me to make it and I proved them wrong, and I keep proving them wrong...”	:08 070208-H4
87	Kathy on camera.	MOM: “My daughter is going to have a life now...(cries)	:08 074601-H5

88	DIP TO BLACK	MUSIC FADES OUT	:03
89	CLOSING BUMP UP:	CLOSING BUMP UP:	:03
90	GRAPHIC: Sheldon on camera	(MONICA'S VOICE) Next: Life in the balance... A new heart fails during a transplant... SHELDON: "Getting the second one had to be a miracle...(chokes up) When Medical Miracles continues....	:05 :05 011436-H11 :03
91	FADE OUT:	FADE OUT:	:03
92	CCF COMMERCIAL	CCF COMMERCIAL	:30
		SEGMENT TIME:	5:31
93	COMMERICAL BREAK #2	COMMERCIAL BREAK #2	1:00
		RUNNING TIME:	16:59
94	SEGMENT THREE TITLE GRAPHIC	SEGMENT THREE MUSIC	:10
95	MONICA on camera Super: Monica Robins WKYC-TV Heath Anchor	MONICA ON CAMERA: "The words colostomy, ileostomy and urostomy are foreign to most of us. They are openings in the body that take the place of normal body functions and are referred to as stomas. You may know someone in your family who may have had a stoma. But it is something people don't talk about. And with that comes mystery. And fear. And misconceptions. It is the job of specially trained nurses to remove the anxiety for patients and give them the truth that having a stoma is not a curse.	

- 96 Paula on camera: **PAULA: “I was born with a condition called extrophy of the bladder. And my bladder was on the outside of my body.”** :14
010214-H11
- 98 **-NAT SOUND -**
- 99 (MONICA’S VOICE)
No one would know Paula Erwin-Toth was born with dislocated hips, extrophy of her bladder, and with so many complications doctors had given up hope. Telling her parents to take her home and not feed her.
- 100 **- NAT SOUND -** :05
- 101 (MONICA’S VOICE)
And no one would know, unless she told you, that she has a stoma. At 10 years of age, her bladder was replaced with a urostomy.
- (MONICA’S VOICE)
A urostomy involves taking the bowel apart, putting it back together and planting the ureters from the kidney into the isolated bowel segment so that the urine now drains out into an opening covered by a pouch.
- 102 **PAULA: “I wouldn’t be here talking to you today if they couldn’t do that surgery. I would have been dead long ago.”**
- 103 (MONICA’S VOICE)
Paula’s life was not only saved, it was changed. The nurse who treated her: Norma Gill, one of the founders of the enterostomal therapy nursing school at the Cleveland Clinic. Paula decided to follow her footsteps, became a nurse and now is the director of the school.

- 104 Art Thompson on camera
Super: **DR. FAZIO: “She’s arguable the most gifted of the professionals in enterostomal therapy in the country and certainly is on the speaking lists of all the medical meetings to this topic.”**
- 105 (MONICA’S VOICE) :09
But Paula is most proud of being one of the ostomites. The several hundred thousand Americans with ostomies like hers.
- 106 **PAULA: “I think that having been a patient for good part of my life, has made me really attuned to the needs of patients and their families, because when you have been in that position, you know what that feels like.**
- 107 **KRISTIN: “She sat down next to me and said, hi I’m Paula, I’m the stoma nurse. I thought that’s nice, I don’t want anything to do with you.”**
- 108 **PAULA: “I will determine, when and if to share my story with them, if I think it is going to help them.”**
- 109 **KRISTIN: “And she just started talking and telling me, that this is your stoma and you need to learn to take care of it yourself.”**
- 110 **PAULA: “...oh by the way, have you ever met anybody who had ostomy surgery? And almost always they say no. And I say, it might interest you I’ve had a stoma myself and I have had once since I’ve been 10 years old.”**
- 111 **KRISTIN: “And all of a sudden she has instant credibility with me.”**

112 **PAULA: “And I just want to re-assure you that you can do this. It make take time but we are going to be with you every step of the way to help you through this.”**

113 **KRISTIN: “Her life is just inspiring to me. And I would say who is the one person in my life that has made the biggest impact? I would say its Paula (cries).**

114 (MONICA’S VOICE)
Enterostomal therapists like Paula are making a difference by helping patients with the transition of living with a stoma.

115 **DR. LAVERY: “It is very important that each patient be totally independent if physically able, before they leave the hospital, because the reality of it is, there is not going to be someone with them 24 hours a day, seven days a week, to take care of it. It’s theirs, they need to know how to look after it.”**

DR. FAZIO: “In the end of the day, the patient with an ostomy knows more about ostomy care and the ostomy than 99% of the physicians in the United States.”

116 **COLEEN: “I never imagined that I would have an ileostomy...never, and I was so sick...and when that doctor told me that I was going to have to have it, I thought it was the end of the world.”**

117 (MONICA’S VOICE)
Coleen Potts had just given birth to her son Sean, when ulcerative colitis, an inflammatory bowel disease, struck her hard.

- 118 **COLEEN’S MOM: “If she had not gotten to the hospital when she did her colon would probably would have, um, burst.”** :15
002317-H3
- 119 (MONICA’S VOICE) :06
021848-H13
Dr. Ian Lavery performed surgery on Coleen and replaced her colon with an ileostomy. An ileostomy is when the colon is either removed or bypassed and the end of the small intestine is brought out through the abdomen. The opening is secured and a pouch or appliance is placed on top of the opening. Stool is collected in the appliance and the patient will have to change the pouch 4 to 6 times a day.
- 120 Monica on camera (MONICA ON CAMERA)
**There are many misconceptions about stomas.
Number one: Odor.
When pouches were first developed they were made of out of vulcanized rubber and yes they did retain smells. But today, modern applications of vinyl and plastic have made wearing a stoma, odor free. There is no offensive smell.**
- 121 SPLIT SCREEN (MONICA’S VOICE)
Paula and Coleen And as far as being visible under the clothes? Can you see Paula’s or Coleen’s stoma?
- 123 - NAT SOUND -

(MONICA’S VOICE)
And intimacy? Does having a stoma stop the romance?
- 125 **COLEEN’S HUSBAND: “I really didn’t care, it didn’t bother me, I know it bothered her, but it really didn’t bother me at all. She was alive,** :01

she was healthy.”

126 **PAULA: “Feeling well is sexy even if you have a stoma. Feeling ill, with a perfectly intact body, is not sexy.”**

127 **COLEEN: “I live with a stoma, and I live a great life with a stoma.”**

128 (MONICA’S VOICE)
Just like Paula, Coleen was inspired to become an enterostomal therapist and now trains nurses from around the world.

129 **DR. FAZIO: “She talks the talk but also walks the walk. She can, by example, show how good she is at what she does and the students I think respond to that by the appropriate expressions of enthusiasm for having been under influence as a teacher.”**

130 **CARMEL: “Its just that makes your day that someone is coming through the door with all these nursing abilities and now she has a stoma, and she can tell you its okay, and it is okay but that she makes it okay. Which is great.”**

(MONICA’S VOICE)
You don’t have to have a stoma, like Coleen and Paula, to be an enterostomal therapist. But they are an example to patients and fellow nurses, that having a stoma doesn’t stop them.

CARMEL: “Coleen is really happy and you know that’s what she gives to her patients, that you don’t have to be sad...But you can live your life to the fullest.”

		KRISTIN: “Life is precious, and the fact that I have a pouch on my side does not in anyway retract from my life, if anything it adds to my life. I no longer look at it as a curse, it is a blessing.”	
131		MUSIC UP FULL:	:02
132		FADE OUT:	:03
133		CCF COMMERCIAL	:30
134		SHELDON ARTS PSA	:30
		SEGMENT TIME:	8:08
135	COMMERCIAL BREAK #3	COMMERICAL BREAK #3	1:00
		RUNNING TIME:	26:07
	SEGMENT FOUR	SEGMENT FOUR	
136	TITLE GRAPHIC	MUSIC	:06
	Monica on camera in futuristic setting.	(MONICA ON CAMERA)	:12
	Super: Monica Robins WKYC Health Anchor	The future is being determined today with the help of physicians and scientists who are pushing the edge of medicine. Because of their efforts, our hearts will beat stronger and longer in the years ahead.	
137	Dr. Topol on camera	DR. TOPOL: “Now that we, for the first time, can pick up this gene in young children, it gives us the chance at a prototype, to change the diet and lifestyle and medications, even as youngsters so that maybe we can pre-empt that hard wired heart attack that otherwise would follow.”	:21 044800-H24
	Super: Eric Topol, MD Chairman, Cardiovascular Medicine		
	VO of family at party		
138	Kristin’s Mom on camera	KRISTIN’S MOM: “It’s all just amazing to me. I mean, she should be dead and she isn’t. (cut to) That they can do this kind of thing for people...give them back their lives,	:13 074535-H5
	Super: Kathy Simpson Kristin’s Mom		
	VO of Kristin at school...		

		keep the people that they love alive.”	
139	Dr. Young on camera Super: James B. Young, MD Cardiologist	DR. YOUNG: “If we can prevent heart attack in the first place, if we can prevent the atherosclerosis and hardening of the arteries from developing. That’s going to be the biggest thing, to me, with respect to heart transplants. Because I would love to be out of the business of heart transplant.	:19 004626-H3
140	Vo of Sheldon Dr. Young on camera	DR. YOUNG: “Because I’ve seen patients like Shelly, make it through and get this far and do as well as he has done, it makes me fight hard, to keep pushing.”	:11 002637-H3
141	Sheldon on camera. Super: Dr. Sheldon Artz Shot of Sheldon and Jan walking	SHELDON: “I think that this is truly a miracle...and probably there is something big in store for me.”	:16 011941-H11
142		MUSIC FADES OUT:	:05
143	<u>GRAPHIC</u> www.wkyc.com Call 866-819-8326	(MONICA'S VOICE): If you'd like more information log onto wkyc.com or call 866-819-8326.	:11
144	CREDITS CRAWL: For more information: LOG ONTO WKYC.COM...or call toll free 866-819-8326	MUSIC/CREDITS	:20
145	FADE TO BLACK	FADE TO BLACK	:05
		SEGMENT TIME:	2:19
		RUNNING TIME:	28:26