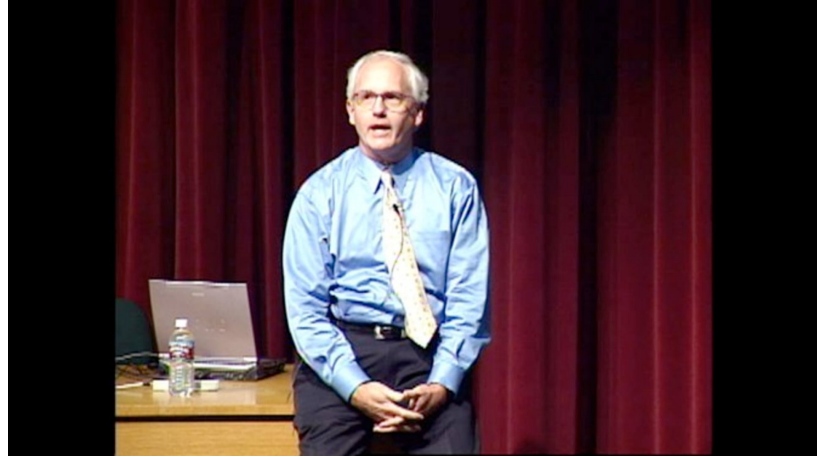


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<https://stvp.stanford.edu/blog/videos/beginning-of-less-invasive-cardiac-techniques-charles-dotter>

Yock tells the story of how less invasive cardiac techniques got started. He shares a video clip from Charles Dotter, better known as crazy Charlie



Transcript

And what I thought I'd do because I love the story, I want to tell you the story of how less invasive cardiac techniques got started.. These are the catheter-based techniques.. I'm going to tell you a little bit about angioplasty, which is the main catheter technique, the general name.. And it really starts with this fellow here, Charles Dotter who was not at Stanford.. He was a radiologist at the University of Oregon.. And quite a character, you can get a flavor for the picture on the right.. It's from Life magazine.. He was known by some of his colleagues as crazy Charlie, and he was clearly one of the most brilliant physicians/interventionalists that this country or the world has known.. And I found recently a movie that he made in 1967.. I'd like you to just listen to this..

Can we bring the audio up to have audio on this? Intermittent claudication.. This arteriogram shows a sharp, localized narrowing in the left superficial femoral artery.. Can you hear that OK? Atheromatous obstruction.. Vascular surgery could remove or bypass it but there opt to be a better approach, and there is.. Transluminal angioplasty.. Here the first look shows the stenosis.. Now the thread be guide through it, always under fluoroscopy, and with care, the patient watches.. At this time, it practically fell through.. It's not always this easy.. The stenosis is gone..

It looks like we have it made.. Yeah, it looks good.. That's my kind of chicken for another day or so.. He had a right to be pleased.. That's it, a little under 45 minutes.. So here, blood pressure is about 20, probably on continued sweating and this part I love.. Watch this.. Three times around and still no pain.. It looks like my ringing job's working.. Amen..

He's rolling calling it.. So I just wanted to give you a flavor.. This guy was incredibly entrepreneurial.. He never commercialized any of these technologies, but this was the first time that a major surgical procedure before his coming along, they would have cut open the leg and had to do a bypass or gotten that stuff out.. And he's doing this with catheters.. He's putting in progressively larger catheters and dilating it up absolutely far ahead of his time...