JAMES BUXBAUM: In this case, we treated a 74-year-old woman with profound jaundice from a suspected cholangiocarcinoma. Initially, it was very difficult to even advance contrast across a narrowing. We utilize a Jag Revolution wire, a straight-tip design, and performed a pushing motion with a dynamic drill, a to-and-fro motion with wire done with the fingers. And the dynamic drill was able to cross the stricture, and now for the contrast, and then eventually allow a passage of the tome, followed by large stents.

The hydrophilic tip and the high responses to the wire to twisting in the back-and-forth motion allow this drill approach to be used to safely cross a stricture, and then allow placement of large-caliber stance to achieve decompression.